PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE (REEL 019817 / FRAME 0774)

CONVEYING PARTY DATA

Name	Execution Date
CITIBANK, N.A.	10/11/2022

RECEIVING PARTY DATA

Name:	NETRATINGS, LLC
Street Address:	85 BROAD STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10004

PROPERTY NUMBERS Total: 17

Property Type	Number
Application Number:	10864071
Application Number:	10653696
Application Number:	10544118
Application Number:	10202338
Application Number:	10477979
Application Number:	10148370
Application Number:	11144110
Application Number:	09695216
Application Number:	08821534
Application Number:	09120376
Application Number:	09210235
Application Number:	10224766
Application Number:	09810676
Application Number:	09810389
Application Number:	09826618
Application Number:	10654541
Application Number:	08707279

CORRESPONDENCE DATA

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DATE SIGNED:	10/13/2022

Total Attachments: 687

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RELEASE OF SECURITY INTEREST IN PATENTS

This RELEASE OF SECURITY INTEREST IN PATENTS (this "Release"), dated as of October 11, 2022 (the "Effective Date"), is made by CITIBANK, N.A., in its capacity as Collateral Agent (the "Agent"), in favor of the grantor parties identified on the signature page hereto (the "Grantors").

WHEREAS, pursuant to that certain Security Agreement, dated as of August 9, 2006, by and among the Agent, the Grantors and certain other parties thereto (as amended and restated as of June 23, 2009 and as otherwise amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement"), which was recorded with the United States Patent and Trademark Office on September 7, 2006 at Reel/Frame 018207/0607, the Grantors granted to the Agent, in its capacity as Collateral Agent, a security interest in and to certain collateral;

WHEREAS, pursuant to the Security Agreement, the Grantors executed and delivered that certain Intellectual Property Security Agreement Supplement, dated as of August 21, 2009 (the "2009 IP Security Agreement"), which was recorded with the United States Patent and Trademark Office on August 27, 2009 at Reel/Frame 023159/0596, Intellectual Property Security Agreement Supplement, dated as of March 4, 2010 (the "March 2010 IP Security Agreement"), which was recorded with the United States Patent and Trademark Office on March 10, 2010 at Reel/Frame 024059/0074, Intellectual Property Security Agreement Supplement, dated as of August 4, 2010 (the "August 2010 IP Security Agreement"), which was recorded with the United States Patent and Trademark Office on August 17, 2010 at Reel/Frame 024849/0178, Supplement No. 3, dated as of August 9, 2007 ("Supplement No. 3"), which was recorded with the United States Patent and Trademark Office on September 14, 2007 at Reel/Frame 019825/0184, Supplement No. 5, dated as of April 9, 2008 ("Supplement No. 5"), which was recorded with the United States Patent and Trademark Office on April 11, 2008 at Reel/Frame 020783/0606, Supplement No. 7, dated as of July 15, 2008 ("Supplement No. 7"), which was recorded with the United States Patent and Trademark Office on July 22, 2008 at Reel/Frame 021273/0793, Supplement IP Security Agreement, dated as of October 23, 2015 (the "2015 IP Security Agreement"), which was recorded with the United States Patent and Trademark Office on November 30, 2015 at Reel/Frame 037172/0415, Supplement IP Security Agreement, dated as of April 10, 2017 (the "2017 IP Security Agreement"), which was recorded with the United States Patent and Trademark Office on April 13, 2017 at Reel/Frame 042262/0601, Supplement IP Security Agreement, dated as of February 7, 2018 (the "2018 IP Security Agreement"), which was recorded with the United States Patent and Trademark Office on February 8, 2018 at Reel/Frame 045288/0841, Supplement IP Security Agreement, dated as of June 4, 2020 (the "2020 IP Security Agreement" and, together with the 2009 IP Security Agreement, the March 2010 IP Security Agreement, the August 2010 IP Security Agreement, Supplement No. 3, Supplement No. 5, Supplement No. 7, the 2015 IP Security Agreement, the 2017 IP Security Agreement and the 2018 IP Security Agreement, the "IP Security Agreements"), which was recorded with the United States Patent and Trademark Office on June 9, 2020 at Reel/Frame 053473/0001, on October 7, 2020 at Reel/Frame 054066/0064, on October 15, 2020 at Reel/Frame 054089/0001, on October 20, 2020 at Reel/Frame 054156/0150 and on November 25, 2020 at Reel/Frame 054525/0001.

NOW, THEREFORE, for good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, upon the terms set forth in this Release, the Agent hereby states as follows:

1. Defined Terms. All capitalized terms used, but not otherwise defined herein, shall have the respective meanings ascribed in or otherwise referenced in the Security Agreement or the IP Security Agreements, as applicable.

2. Release. The Agent, without representation or warranty of any kind, hereby releases, discharges, terminates and cancels all of its security interest in and to any and all of the Patents, the Patent Licenses and all Proceeds and products of any and all of the foregoing and all Supporting Obligations, collateral security and guarantees given by any person with respect to any of the foregoing, including all the patent registrations set forth Schedule A attached hereto, arising under the Security Agreement and the IP Security Agreements (the "Patent Collateral"). If and to the extent that the Agent has acquired any right, title or interest in and to the Patent Collateral under the Security Agreement or the IP Security Agreements, the Agent, without representation or warranty of any kind, hereby re-transfers, re-conveys and re-assigns such right, title or interest to the relevant Grantor.

3. Termination. The Agent, without representation or warranty of any kind, terminates and cancels the Security Agreement and the IP Security Agreements.

4. Recordation. The Agent hereby authorizes the Grantors, or the Grantors' authorized representative or representatives, as the case may be, to record this Release with the USPTO and any other applicable governmental office or agency. The Agent further authorizes and requests the Commissioner for Trademarks in the USPTO, and any other necessary United States government officer, record this Release.

5. Further Assurances. The Agent agrees to take all further actions, and provide to the Grantors and their respective successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantors, at the Grantors' sole cost and expense, to more fully and effectively effectuate the purposes of this Release.

6. Delivery and Electronic Signatures. Delivery by facsimile or other electronic transmission of an executed counterpart of a signature page to this Release shall be effective as delivery of an original executed counterpart of this Release. The words "execution," "signed," "signature," "delivery," and words of like import in or relating to this Release and the transactions contemplated hereby shall be deemed to include electronic signatures, deliveries or the keeping of records in electronic form, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature, physical delivery thereof or the use of a paper-based recordkeeping system, as the case may be, to the extent and as provided for in any applicable law, including the federal Electronic Signatures in Global and National Commerce Act, the New York State Electronic Signatures and Records Act, or any other state laws based on the Uniform Electronic Transactions Act, and the parties hereto consent to conduct the transactions contemplated hereunder by electronic means.

7. Governing Law. This Release shall be governed exclusively under the laws of State of New York, without regard to conflicts of law or choice of law principles.

[Signature Pages Follow]

IN WITNESS WHEREOF, the Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date:

CITIBANK, N.A., acting in its capacity as Collateral Agent

By: _____

Name: I. THEOCHARIS

Title: VICE PRESIDENT

Acknowledged and agreed:

GRANTORS:

A. C. NIELSEN (ARGENTINA) S.A.
ACN HOLDINGS INC.
A.C. NIELSEN COMPANY, LLC
ACNIELSEN CORPORATION
ACNIELSEN ERATINGS.COM
ART HOLDING, L.L.C.
ATHENIAN LEASING CORPORATION
CZT/ACN TRADEMARKS, L.L.C.
EXELATE, INC.
GRACENOTE DIGITAL VENTURES, LLC
GRACENOTE, INC.
GRACENOTE MEDIA SERVICES, LLC
NETRATINGS, LLC
NIELSEN AUDIO, INC.
NIELSEN FINANCE CO.
NIELSEN INTERNATIONAL HOLDINGS, INC.
NIELSEN MOBILE, LLC
NIELSEN UK FINANCE I, LLC
NMR INVESTING I, INC.
THE NIELSEN COMPANY (US), LLC
VNU MARKETING INFORMATION,
INC.

By:_____
Name: Jana Palmaccio
Title: Vice President and Treasurer

NMR LICENSING ASSOCIATES, L.P.

By: NMR INVESTING I, INC.,
its general partner

By:_____
Name: Jana Palmaccio
Title: Vice President and Treasurer

Schedule of Patents
Reel/Frame: 023159/0596

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
1.	The Nielsen Company (US), LLC	Methods and Apparatus to Detect an Internally Generated Signal Mode of a Local Media Playback Device	12/493,837	29 Jun 2009		
2.	The Nielsen Company (US), LLC	DIGITAL RIGHTS MANAGEMENT AND AUDIENCE MEASUREMENT SYSTEMS AND METHODS	12/497,359	02 Jul 2009		
3.	The Nielsen Company (US), LLC	Methods for getting demographic and geographical definitions of influential consumers for moneysaving targeted advertising purposes	12/368,818	10 Feb 2009		
4.	The Nielsen Company (US), LLC	Toll Gate	61/224,536	10 Jul 2009		
5.	The Nielsen Company (US), LLC	Starter-Refill Choice Modeling with Ghost Respondents	12/476,806	02 Jun 2009		
6.	The Nielsen Company (US), LLC	Method and System for Identify and Competing Brands and estimate their magnitude using Competitive Trade Promotion and information about other types of in-store activity	12/493,484	29 Jun 2009		
7.	The Nielsen Company (US), LLC	Method To Automatically Estimate the Extent of Volume Lost Due To Store Switching Trade Promotion Effects Using Panel Point Of Sale Data	12/493,495	29 Jun 2009		
8.	The Nielsen Company (US), LLC	Statistical Estimation of Trade Promotion Pantry Loading Using Point of Sale Data	12/493,643	29 Jun 2009		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
1.	The Nielsen Company (US), LLC	SYSTEM AND METHODS TO MONITOR AND ANALYZE EVENTS ON WIRELESS DEVICES TO PREDICT WIRELESS NETWORK RESOURCE USAGE	12/505,225	17 Jul 2009		
2.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY PRESENTATION OF MEDIA CONTENT	12/505,966	20 Jul 2009		
3.	The Nielsen Company (US), LLC	USAGE OF PUBLICLY AVAILABLE MEDI METADATA IN PUBLICLY AVAILABLE MEDIA TO DETERMINE EQUIPMENT USAGE	12/511,698	29 Jul 2009		
4.	The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETECTING A COMPOSITION OF AN AUDIENCE OF AN INFORMATION PRESENTING DEVICE	12/533,629	31 Jul 2009		
5.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PERSONS IN A MONITORED ENVIRONMENT	12/537,955	07 Aug 2009		
6.	The Nielsen Company (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEMS, APPARATUS AND METHODS	12/540,154	12 Aug 2009		
7.	The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS FOR RELATIVE FREQUENCY BASED PHRASE MINING	12/540,198	12 Aug 2009		
8.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY WIRELESS CARRIER PERFORMANCE EFFECTS	12/550,752	31 Aug 2009		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
9.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	12/551,220	31 Aug 2009		
10.	The Nielsen Company (US), LLC	DIGITAL RIGHTS MANAGEMENT SYSTEMS AND METHODS FOR AUDIENCE MEASUREMENT	12/564,657	22 Sep 2009		
11.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE BROADBAND MARKET DATA	12/576,805	09 Oct 2009		
12.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADJUST SIGNATURE MATCHING RESULTS FOR AUDIENCE MEASUREMENT	12/576,811	09 Oct 2009		
13.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CLASSIFY TEXT COMMUNICATIONS	12/577,099	09 Oct 2009		
14.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY CONSUMPTION OF PROGRAMMING CONTENT	12/580,835	16 Oct 2009		
15.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT DATA ENCODED IN MEDIA CONTENT	12/604,176	22 Oct 2009		
16.	The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR INDIRECT ILLUMINATION IN ELECTRONIC MEDIA RATING SYSTEMS	12/606,889	27 Oct 2009		
17.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR PERSONS MEDIA EXPOSURE IN VEHICLES	12/611,757	03 Nov 2009		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
18.	The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	12/613,334	05 Nov 2009		
19.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DISTINGUISH A SIGNAL ORIGINATING FROM A LOCAL DEVICE FROM A BROADCAST SIGNAL	12/626,544	25 Nov 2009		
20.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ENCODE AND DECODE AUDIO FOR SHOPPER LOCATION AND ADVERTISEMENT PRESENTATION TRACKING	12/626,571	25 Nov 2009		
21.	The Nielsen Company (US), LLC	INTERACTIVE SERVICE DEVICE METERING SYSTEMS	12/631,538	04 Dec 2009		
22.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREPARE REPORT REQUESTS	12/636,183	11 Dec 2009		
23.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA EXPOSURE USING CONTENT-AWARE WATERMARKS	12/636,356	11 Dec 2009		
24.	The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MEDIA SOURCE IDENTIFICATION AND TIME SHIFTED MEDIA CONSUMPTION MEASUREMENTS	12/636,505	11 Dec 2009		
25.	The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING AUDIO/VIDEO CONTENT USING TEMPORAL SIGNAL CHARACTERISTICS	12/639,942	16 Dec 2009		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
26.	The Nielsen Company (US), LLC	AUDIO SIGNATURE EXTRACTION AND CORRELATION	12/651,777	04 Jan 2010		
27.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MARKET STATISTICS	12/695,793	28 Jan 2010		
28.	The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS FOR RELATIVE FREQUENCY BASED PHRASE MINING	61/232,102	07 Aug 2009		
29.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CLASSIFY TEXT COMMUNICATIONS	61/234,042	14 Aug 2009		
30.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INCORPORATE SUBSTITUTABILITY MEASUREMENTS IN TO CONSUMER CHOICE MODELS	61/244,242	21 Sep 2009		
31.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT COMMERCIAL ADVERTISEMENTS IN TELEVISION TRANSMISSIONS	61/291,735	31 Dec 2009		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
1.	The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO WATERMARKING A SUBSTANTIALLY SILENT MEDIA CONTENT PRESENTATION	12/750,359	30 Mar 2010		
2.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT DIFFERENCES BETWEEN IMAGES	12/754,361	05 Apr 2010		
3.	The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR USING LOCATION INFORMATION TO MANAGE SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	12/757,755	09 Apr 2010		
4.	The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR IDENTIFYING DIGITAL AUDIO SIGNAL	12/760,712	15 Apr 2010		
5.	The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO PERFORM AUDIO WATERMARK DECODING	12/767,422	26 Apr 2010		
6.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MAINTAIN AUDIENCE PRIVACY WHILE DETERMINING VIEWING OF VIDEO-ON-DEMAND PROGRAMS	12/769,163	28 Apr 2010		

7.	The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BROADCAST MEDIA CONTENT	12/771,640	30 Apr 2010		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
9.	The Nielsen Company (US), LLC	COMPUTERIZED SYSTEM AND METHOD FOR INCREASING THE EFFECTIVENESS OF ADVERTISING	12/782,582	18 May 2010		
10.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT AN INTERNALLY GENERATED SIGNAL MODE OF A LOCAL MEDIA PLAYBACK DEVICE	12/784,137	20 May 2010		
11.	The Nielsen Company (US). LLC.	DETECTION OF MEDIA LINKS IN BROADCAST SIGNALS	12/788,028	26 May 2010		
12.	The Nielsen Company (US). LLC.	METHODS. APPARATUS, AND ARTICLES OF MANUFACTURE TO RANK WEBSITE INFLUENCE	12/816,159	15 Jun 2010		
13.	The Nielsen Company (US). LLC.	HOLOGRAPHIC WATERMARKING OF VIDEO SEQUENCES -METHODS AND APPARATUS FOR EMBEDDING AND RECOVERING AN IMAGE FOR USE WITH VIDEO CONTENT	12/816,366	15 Jun 2010		
14.	The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	12/822,777	24 Jun 2010		
15.	The Nielsen Company (US), LLC	SOURCE DETECTION APPARATUS AND METHOD FOR AUDIENCE MEASUREMENT	12/823,374	25 Jun 2010		
16.	The Nielsen Company (US). LLC	METHODS AND APPARATUS TO DEFECT COMMERCIAL ADVERTISEMENTS IN TELEVISION TRANSMISSIONS	12/827,701	30 Jun 2010		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
17.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO OBTAIN ANONYMOUS AUDIENCE MEASUREMENT DATA FROM NETWORK SERVER DATA FOR PARTICULAR DEMOGRAPHIC AND USAGE PROFILES	12/827,865	30 *Jun* 2010		
18.	The Nielsen Company (US), LLC	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	12/831,870	07 Jul 2010		
19.	The Nielsen Company (US), LLC	AUDIO BASED METHODS AND APPARATUS FOR DETECTING A CHANNEL CHANGE EVENT	12/832,812	08 Jul 2010		
20.	The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXPORT TUNING DATA COLLECTED IN A RECEIVING DEVICE	12/833,705	09 Jul 2010		
21.	The Nielsen Company (US), LLC	SIMULCAST RESOLUTION IN CONTENT MATCHING SYSTEMS	12/589,702	26 Oct 2009		
22.	The Nielsen Company (US), LLC	AUDIENCE MEASUREMENT APPARATUS, SYSTEM AND METHOD	12/623,143	20 Nov 2009		

Reel/Frame: 018207/0607
The Nielsen Company (US), LLC is formerly AC Nielsen (US), Inc.

Assignee Names Listed below:
ACN: A.C. Nielsen (US), Inc.
BDS: Broadcast Data Systems, LLC
NMR: Nielsen Media Research, Inc.
VNUM: VNU Marketing Information, Inc.
VNU Holding (Deutschland) GmbH

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
1.	NMR	Method and Apparatus for the Processing of Encoded Data in Conjunction with an Audio Broadcast		1/3/95	5,379,345	
2.	NMR	Audience Measurement System and Method		8/27/96	5,550,928	
3.	NMR	Audience Measurement System and Method		6/23/98	5,771,307	
4.	NMR	Attachment for Metering Channel Serial Data		1/30/96	5,488,408	
5.	NMR	Audience Measurement System		1/2/96	5,481,294	
6.	NMR	PROGRAM MONITORING SYSTEM		12/10/96	5,584,050	
7.	NMR	Real Time Correlation Meter		1/14/97	5,594,934	
8.	NMR	In-Station Television Program Encoding and Monitoring System and Method		9/12/95	5,450,122	
9.	NMR	Coded/Non-Coded Program Audience Measurement System		11/11/03	6,647,548	
10.	NMR	Television Receiver Use Metering with Separate Program and Sync Detectors		3/30/99		
11.	NMR	Source Detection Apparatus and Method For Audience Measurement		1/6/04	6,675,383	
12.	NMR	Source Detection Apparatus and Method For Audience Measurement		1/28/03	6,513,161	
13.	NMR	Tracking of Internet Advertisements Using Banner Tags		8/13/02	6,434,614	

14.	NMR	Methods and Apparatus for Identifying the Source of a User Selected Signal Via Intermediate Frequency Probe		2/18/03		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
16.	NMR	Broadcast Encoding System and Method		8/7/01	6,272,176	
17.	NMR	Broadcast Encoding System and Method		1/7/03	6,504,870	
18.	NMR	Broadcast Encoding System and Method		9/16/03	6,621,881	
19.	NMR	Broadcast Encoding System and Method		10/19/04	6,807,230	
20.	NMR	Broadcast Encoding System and Method		2/28/06	7,006,555	
21.	NMR	COLLECTION OF IMAGES IN WEB USE REPORTING SYSTEM		1/21/03	6,510,462	
22.	NMR	METHOD AND SYSTEM FOR THE DISCOVERY OF COOKIES AND OTHER CLIENT INFORMATION		10/1/02	6,460,079	
23.	NMR	METHOD AND SYSTEM FOR THE COLLECTION OF COOKIIES AND OTHER INFORMATION FROM A PANEL		3/4/03	6,529,952	
24.	NMR	MULTI-BAND SPECTRAL AUDIO ENCODING		11/22/05	6,968,564	
25.	NMR	DETECTION OF SIGNAL MODIFICATION IN AUDIO STREAMS WITH EMBEDDED		4/12/05	6,879,652	
26.	NMR	METHOD AND APPARATUS FOR DETERMINING CHANNEL RECEPTION OF A RECEIVER		10/24/89	4,876,736	

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
29.	NMR	METHOD AND APPARATUS FOR IDENTIFYING INDIVIDUAL MEMBERS OF A MARKETING AND VIEWING AUDIENCE		5/29/90	4,930,011	
30.	NMR	IMAGE RECOGNITION SYSTEM AND METHOD		7/9/91	5,031,228	
31.	NMR	METHOD AND APPARATUS FOR DETERMINING AUDIENCE VIEWING HABITS BY JAMMING A CONTROL SIGNAL AND IDENTIFYING THE VIEWERS COMMAND		11 /20/90	4,972,503	
32.	NMR	IMAGE RECOGNITION AUDIENCE MEASUREMENT SYSTEM AND METHOD		8/15/89	4,858,000	
33.	NMR	METHOD AND SYSTEM FOR NON-INVASIVELY IDENTIFYING THE OPERATIONAL STATUS OF A VCR.		11/17/92	5,165,069	
34.	NMR	AUTOMATED RECEIVER MONITORING METHOD AND APPARATUS		1/11/94	5,278,988	
35.	NMR	METHOD AND APPARATUS FOR DETERMINING CHANNEL TO WHICH A RECEIVER IS TUNED		4/19/94	5,305,464	

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
36.	NMR	TELEVISION PROGRAM TRANSMISSION VERIFICATION METHOD AND APPARATUS		10/30/90	4,967,273	
37.	NMR	TELEVISION PROGRAM TRANSMISSION VERIFICATION METHOD AND APPARATUS		2/14/89	4,805,020	
38.	NMR	UNIVERSAL BROADCAST CODE AND MULTI-LEVEL ENCODED SIGNAL MONITORING SYSTEM		6/11/96	5,526,427	
39.	NMR	UNIVERSAL BROADCAST CODE AND MULTI-LEVEL ENCODED SIGNAL MONITORING SYSTEM		6/13/95	5,425,100	
40.	NMR	RECEIVER MONITORING SYSTEM WITH LOCAL ENCODING		12/15/98	5,850,249	
41.	NMR	APPARATUS AND METHOD FOR INJECTING AN ANCILLARY SIGNAL INTO A LOW ENERGY DENSITY PORTION OF A COLOR TELEVISION		5/13/97	5,629,739	
42.	VNUM	AUTOMATED DATA COLLECTION FOR CONSUMER DRIVING-ACTIVITY SURVEY		8/1/00	6,098,048	
43.	NMR	METHOD AND APPARATUS FOR DETECTING TIME-COMPRESSED BROADCAST		5/31/05	6,901,606	

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
44.	VNUM	Method and Computer Program Product for Creating a Plurality of Mixed Pseudo-Records of Weighted Mixtures of Existing Records in a Database		12/1/98	5,845,284	
45.	VNUM	Method, Computer Program Product, and System For A Reorienting Categorization Table		11/24/98	5,842,218	
46.	ACN	Dynamic Rule Based Market Research Database		11/19/02	6,484,158	
47.	ACN	Market Research Database Containing Separate Product and Naked Product Information		7/18/00	6,092,069	
48.	ACN	Market Research Database Having Historical Control Designator		6/20/00	6,078,922	
49.	ACN	Scanner		8/13/93	D388,002	
50.	ACN	Market Research Method and System for Collecting Retail Store and Shopper Market Research Data		7/19/94	5,331,544	
51.	ACN	Market Research Method & System for Collecting Retail Store Market Research Data		5/24/94	5,315,093	
52.	ACN	Marketing Research System for Obtaining Retail Data on a Real Time Basis		11/20/90	4,972,504	
53.	BDS	Broadcast Information Classification System and Method		6/27/89	4,843,562	
54.	BDS	Signal Recognition System and Method		5/11/93	5,210,820	
55.	NMR	A Cooperative System for Measuring Electronic Media		3/5/02	6,353,929	

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
56.	VNU Holding (Deutschland) GmbH	Method and Circuit Arrangement for the Automatic Recognition of Signal Sequences		4/17/90	4,918,730	
57.	NMR	Multi-Market Broadcast Tracking, Management and Reporting Method and System		05/02/06	7,039,931	
58.	NMR	Method and Apparatus for Inserting and Retrieving Data in an Audio Signal		1/28/03	6,512,796	
59.	NMR	Method and Apparatus for Developing a Package of Media Advertising Spots		1/8/02	6,338,043	
60.	NMR	Television Proximity Sensor	10/125,577	4/19/02		
61.	NMR	Interactive Service Device Metering Systems	08/763,750	12/11/96		
62.	NMR	Audience Measurement System for Digital Television	09/076,517	5/12/98		
63.	NMR	Use of Browser History File to Determine Web Site Reach	11/094,061	3/30/05		
64.	NMR	AUDIO SIGNATURE EXTRACTION AND CORRELATION	09/427,970	10/27/99		
65.	NMR	DETECTION OF ENTROPY IN CONNECTION WITH AUDIO SIGNALS	09/553,776	4/21/00		
66.	NMR	Methods and Apparatus for Transcoding Metadata	10/540,611	6/24/05		
67.	NMR	Methods and Apparatus for Detecting a Composition of an Audience of an Information Presenting	10/538,692	6/10/05		
68.	NMR	Methods and Apparatus to Count People Appearing in an Image	10/538,483	6/8/05		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
69.	VNUM	AUTOMATED DATA COLLECTION FOR CONSUMER DRIVING-ACTIVITY SURVEY	10/211,997	8/1/02		
70.	NMR	AUDIO BASED METHODS AND APPARATUS FOR DETECTING A CHANNEL CHANGE EVENT	To be assigned	2/27/06		
71.	NMR	Signature-Based Program Identification Apparatus and Methods for Use with Digital Broadcast	11/312,789	12/20/05		
72.	NMR	Methods and Apparatus to Extract Codes from a Plurality of Channels	11/278,917	4/6/06		
73.	NMR	Digital Video Signature Apparatus and Methods for Use with Video Program Identification Systems	To be assigned	3/10/06		
74.	NMR	DIGITAL DATA INSERTER FOR TELEVISIO N AUDIENCE MEASURE MENT.	11/237,251	9/8/05		
75.	NMR	Holographic Watermarking of Video Sequences - Methods and Apparatus for Embedding and Recovering an Image for use with video content	To be assigned	2/28/06		
76.	NMR	METHODS AND APPARATUS TO MONITOR MEDIA CONTENT ON A CONSUMER NETWORK	60/786,536	3/28/06		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
77.	NMR	TV On/Off Detection Using Visible Screen Emissions	To be assigned	3/24/06		
78.	NMR	Method of Detecting LCD Television Display On/Off Using Optical Sensor	11/388,262	3/24/06		
79.	NMR	Methods and Apparatus for Embedding Watermarks	11/298,040	12/9/05		
80.	[US]	Methods and Apparatus for Fusing Databases	To be assigned	4/21/06		
81.	NMR	Methods and Apparatus to Operate a Metering Device with Voice Commands	11/375,648	3/14/06		
82.	NMR	Battery Powered, Wireless, Portable, Off-The-Shelf, Multi-Purpose Audience Measurement Meter	To be assigned	4/17/06		
83.	ACN	Method and System for Market Research Data Mining	09/329,487	6/10/99		
84.	ACN	Method and System for Market Research Data Mining	09/512,498	2/24/00		
85.	NMR	Method and Apparatus to Meter Printed Media	60/714,055	9/2/05		
86.	Not yet assigned by inventor	Methods of Collecting and Processing Data Related to the Consumer Behaviour of Customers of Retail Stores	60/732,952	11/3/05		
87.	NMR	IPTV Audience Measurement Using IP Packet Capturing Software	To be assigned	4/05/06		
88.	NMR	Methods and Apparatus for Metering Computer-Based Video	60/720,391	9/26/05		
89.	NMR	Systems and Methods to Wirelessly Meter AudioNisual Devices	60/749,443	12/12/05		
90.	NMR	Methods and Apparatus to Monitor Media Content on a Consumer Network	60/782,768	03/16/06		
91.	NMR	Display Device On/Off Detection Methods and Apparatus	60/761,678	1/24/06		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
92.	NMR	Display Device On/Off Detection Methods and Apparatus	60/708,557	8/16/05		
93.	NMR	Methods and Apparatus to Recruit Call Center Personnel	60/757995	1/11/06		
94.	NMR	Methods and Apparatus to Recruit Call Center Personnel	60/757996	1/11/06		
95.	NMR	Multi-Market Broadcast Tracking, Management and Reporting Method and System	11/400,944	4/10/06		
96.	NMR	Remote Sensing System	10/659,514	9/10/03		
97.	NMR	Method and Apparatus for Metering a Portable Media Player	60/729,421	10/21/05		
98.	NMR	Method and Apparatus for Metering a Portable Media Player	60/786,196	03/27/06		
99.	NMR	Methods, Systems, and Apparatus for Multi-Purpose Metering	To be assigned	3/31/06		
100.	NMR	Software Audio Capture Methods and Apparatus	60/761,092	1/23/06		
101.	NMR	Methods and Apparatus for Using Radar to Monitor Audiences in Media Environments	60/781,625	3/13/06		
102.	NMR	Methods and Systems to Meter Media Content Presented on a Wireless Communication Device	To be assigned	3/27/06		
103.	NMR	Method and Apparatus for Identifying a Digital Audio Signal	09/973,893	1/8/02		
104.	NMR	Method and Apparatus for Identifying a Digital Audio Signal	10/492,471	4/12/04		
105.	NMR	Television Proximity Sensor	11/037,277	1/18/05		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
106.	NMR	Apparatus and Method for Detecting and Correcting a Corrupted Broadcast Time Code	10/047,734	11/9/01		
107.	NMR	Source Detection Apparatus and Method For Audience Measurement	10/693,549	10/24/03		
108.	NMR	Interactive Service Device Metering Systems	10/284,409	10/31/02		
109.	NMR	Audience Measurement System for Digital Television	09/909,224	7/19/01		
110.	NMR	Detection of Media Links in Broadcast Signals	09/955,691	9/19/01		
111.	NMR	AUDIO SIGNATURE EXTRACTION AND CORRELATION	11/143,808	6/2/05		
112.	NMR	Multi-Band Spectral Audio Encoding	11/100,291	4/6/05		
113.	NMR	DETECTION OF SIGNAL MODIFICATION IN AUDIO STREAMS WITH EMBEDDED CODE	10/794,194	3/5/04		
114.	NMR	PROMPTING OF AUDIENCE MEMBER IDENTIFICATION	09/883,546	6/18/01		
115.	NMR	METHODS AND APPARATUS TO ADAPTIVELY GATHER AUDIENCE INFORMATION	10/867,190	6/14/04		
116.	NMR	Methods and Apparatus to Collect Audience Information Associated with A Media Presentation	10/970,585	10/21/04		

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118.	NMR	METHODS AND APPARATUS TO DETECT CONTENT SKIPPING BY A CONSUMER OF A RECORDED PROGRAM	10/483,825	4/17/03		
119.	NMR	Methods and Apparatus to Present Survey Information	10/530,233	9/6/05		
120.	NMR	Apparatus and Methods for Tracking and Analyzing Digital Recording Device Event Sequences	11/138,576	5/26/05		
121.	NMR	Method and Apparatus for the Analysis of Broadcast Data renamed - Multi-Market Broadcast Tracking Management and Reporting Method and System	**10/274,018**	10/18/02		
122.	NMR	PORTABLE AUDIENCE MEASUREMENT ARCHITECTURE S AND METHODS FOR PORTABLE AUDIENCE MEASUREMENT	Not yet assigned	7/14/06		
123.	NMR	METHODS AND APPARATUS TO DISTINGUISH A SIGNAL ORIGINATING FROM A LOCAL DEVICE FROM A BROADCAST SIGNAL	10/596,858	6/27/06		
124.	NMR	DIGITAL RIGHTS MANAGEMENT SYSTEMS AND METHODS FOR AUDIENCE MEASUREMENT	60/810,745	6/2/06		

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125.	NMR	METHODS AND APPARATUS TO METER CONTENT CONSUMPTION USING CLOSED CAPTION AND PROGRAM GUIDE INFORMATION	60/804,893	6/15/06		
126.	NMR	METHODS AND APPARATUS FOR COOPERATOR INSTALLED METERS	Not yet assigned	5/18/06		
127.	NMR	METHODS AND APPARATUS FOR DETECTING ON-SCREEN MEDIA SOURCES	Not yet assigned	6/20/06		
128.	NMR	METHODS AND APPARATUS FOR LOCATION-BASED MEDIA METERING AND WEB SERVICES	Not yet assigned	6/29/06		
129.	NMR	METHODS AND APPARATUS FOR METERING A PORTABLE MEDIA PLAYER WITH A WIRELESS DEVICE	Not yet assigned	6/14/06		
130.	NMR	METHODS AND APPARATUS FOR IMPROVING DATA WAREHOUSE PERFORMANCE	Not yet assigned	6/26/06		
131.	NMR	Cooperative System for Measuring Electronic Media	10/026,872	12/21/01		
132.	NMR	Cooperative System for Measuring Electronic Media	10/283,953	10/30/02		

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1.	TELEPHIA, INC.	SYSTEM AND METHOD FOR GATHERING DATA FROM WIRELESS COMMUNICATION S NETWORKS	11362378	02/24/2006		
2.	TELEPHIA, INC.	BITWISE MONITORING OF NETWORK PERFORMANCE	09899955	07/06/2001		
3.	TELEPHIA, INC.	METHOD AND SYSTEM FOR COLLECTING AND ANALYZING MARKET DATA IN A MOBILE COMMUNICATIONS SYSTEM	10237478	09/06/2002		
4.	TELEPHIA, INC.	SYSTEM AND METHOD FOR GATHERING DATA FROM WIRELESS COMMUNICATION S NETWORKS	10230525	08/28/2002	7013136	03/14/2006
5.	TELEPHIA, INC.	SYSTEM AND METHOD FOR GATHERING DATA FROM WIRELESS COMMUNICATION S NETWORKS	09392012	09/08/1999	6788926	09/07/2004
6.	TELEPHIA, INC.	METHOD AND SYSTEM FOR MEASURING DATA QUALITY OF SERVICE IN A WIRELESS NETWORK USING MULTIPLE REMOTE UNITS AND A BACK END PROCESSOR	09559055	04/17/2000	6928280	08/09/2005
7.	TELEPHIA, INC.	SYSTEM AND METHOD FOR MEASURING WIRELESS DEVICE AND NETWORK USAGE AND PERFORMANCE METRICS	09944843	08/31/2001	6754470	06/22/2004

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
8.	TELEPHIA, INC.	SYSTEM AND METHOD FOR MEASURING WIRELESS DEVICE AND NETWORK USAGE AND PERFORMANCE METRICS	09654486	09/01/2000	6745011	06/01/2004
9.	TELEPHIA, INC.	SYSTEM AND METHOD FOR GATHERING DATA FROM WIRELESS COMMUNICATION S NETWORKS	09271105	03/17/1999	6516189	02/04/2003
10.	TELEPHIA, INC.	WIRELESS NETWORK MONITORING	09953488	09/14/2001	6807515	10/19/2004
11.	TELEPHIA, INC.	METHOD AND APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	10263782	10/04/2002	6751295	06/15/2004

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1.	CANNON HOLDINGS, LLC.	Manipulating and Analyzing data using a Computer System Having a Database Mining Engine that Resides in Memory		11/25/1997	6,029,176	2/22/2000
2.	CANNON HOLDINGS, LLC.	Method and Apparatus for Analyzing data and Advertising Optimization		3/11/1998	6,286,005	9/4/2001

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	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
1.	NIELSEN IAG, INC.	COMPUTERIZED SYSTEM AND METHOD FOR INCREASING THE EFFECTIVENESS OF ADVERTISING	09917792	07/31/2001		

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1.	THE NIELSEN COMPANY (US), LLC	SELF-ADMINISTERED SURVEY SYSTEMS, METHODS AND DEVICES	07734585	07/23/1991	5740035	04/14/1998
2.	THE NIELSEN COMPANY (US), LLC	APPARATUS AND METHODS FOR INCLUDING CODES IN AUDIO SIGNALS AND DECODING	08408010	03/24/1995	5764763	06/09/1998
3.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR RECOGNITION OF BROADCAST SEGMENTS	08481815	06/07/1995	5621454	04/15/1997
4.	THE NIELSEN COMPANY (US), LLC	SIMULTANEOUS TRANSMISSION OF ANCILLARY AND AUDIO SIGNALS BY MEANS OF PERCEPTUAL CODING	08607097	02/26/1996	6035177	03/07/2000
5.	THE NIELSEN COMPANY (US), LLC	METHOD AND APPARATUS FOR AUTOMATICALLY IDENTIFYING A PROGRAM INCLUDING A SOUND SIGNAL	08721705	09/27/1996	5787334	07/28/1998
6.	THE NIELSEN COMPANY (US), LLC	AUDIENCE RATING SYSTEM FOR DIGITAL TELEVISION AND RADIO	09085501	05/27/1998	5974299	10/26/1999
7.	THE NIELSEN COMPANY (US), LLC	NEUROIMAGING AS A MARKETING TOOL	09188796	11/09/1998	6099319	08/08/2000
8.	THE NIELSEN COMPANY (US), LLC	AUDIENCE RATING SYSTEM FOR DIGITAL TELEVISION AND RADIO	09289758	04/12/1999	6735775	05/11/2004
9.	THE NIELSEN COMPANY (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	09318045	05/25/1999	6871180	03/22/2005
10.	THE NIELSEN COMPANY (US), LLC	APPARATUS AND METHODS FOR INCLUDING CODES IN AUDIO SIGNALS	09328766	06/08/1998	6421445	07/16/2002
11.	Buzzmetrics, Ltd.	SYSTEM AND METHOD FOR COLLECTION ANALYSIS OF ELECTRONIC DISCUSSION METHODS	09686516	10/11/2000	7197470	03/27/2007

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12.	Buzzmetrics, Ltd.	MULTI-LAYERED SEMIOTIC MECHANISM FOR ANSWERING NATURAL LANGUAGE QUESTIONS USING DOCUMENT RETRIEVAL COMBINED WITH INFORMATION EXTRACTION	09796961	03/01/2001	6584470	06/24/2003
13.	Buzzmetrics, Ltd.	SYSTEM AND METHOD FOR SCORING ELECTRONIC MESSAGES	09879220	06/13/2001	7185065	02/27/2007
14.	THE NIELSEN COMPANY (US), LLC	MEDIA DATA USE MEASUREMENT WITH REMOTE DECODING/PATTERN MATCHING	09896246	06/29/2001	8572640	10/29/2013
15.	THE NIELSEN COMPANY (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	09948283	09/07/2001	6862355	03/01/2005
16.	THE NIELSEN COMPANY (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	10093676	03/08/2002	7471987	12/30/2008
17.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR GATHERING AUDIENCE MEASUREMENT DATA	10205808	07/26/2002	7239981	07/03/2007
18.	THE NIELSEN COMPANY (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	10205810	07/26/2002	7627872	12/01/2009
19.	THE NIELSEN COMPANY (US), LLC	AUDIO DATA RECEIPT/EXPOSURE MEASUREMENT WITH CODE MONITORING AND SIGNATURE EXTRACTION	10256834	09/27/2002	7222071	05/22/2007
20.	THE NIELSEN COMPANY (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	10302309	11/22/2002	6845360	01/18/2005

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22.	THE NIELSEN COMPANY (US), LLC	ENSURING EAS PERFORMANCE IN AUDIO SIGNAL ENCODING	10328199	12/23/2002	7174151	02/06/2007
23.	THE NIELSEN COMPANY (US), LLC	AD DETECTION USING ID CODE AND EXTRACTED SIGNATURE	10328201	12/23/2002	7483835	01/27/2009
24.	THE NIELSEN COMPANY (US), LLC	UNIVERSAL DISPLAY MEDIA EXPOSURE MEASUREMENT	10329132	12/24/2002	6958710	10/25/2005
25.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR CONSTRUCTING AND MAINTAINING SAMPLE PANELS	10442206	05/20/2003		
26.	THE NIELSEN COMPANY (US), LLC	AUDIO BASED METHODS AND APPARATUS FOR DFETECTING A CHANNEL CHANGE EVENT	10570567	02/27/2006	7765564	07/27/2010
27.	THE NIELSEN COMPANY (US), LLC	"METHODS AND APPARATUS FOR FUSING DATABASES"	10576800	02/14/2008	7698345	04/13/2010
28.	THE NIELSEN COMPANY (US), LLC	RADIO FREQUENCY PROXIMITY DETECTION AND IDENTIFICATION SYSTEM AND METHOD	10620244	07/15/2003	7460827	12/02/2008
29.	THE NIELSEN COMPANY (US), LLC	UNIVERSAL DISPLAY EXPOSURE MONITOR USING PERSONAL LOCATOR SERVICE	10640104	08/13/2003	7592908	09/22/2009
30.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA WITHIN COMMERCIAL ESTABLISHMENTS	10800447	03/15/2004	7463143	12/09/2008
31.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA	10800883	03/15/2004		
32.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR MAPPING LOCATIONS OF WIRELESS TRANSMITTERS FOR USE IN GATHERING MARKET RESEARCH DATA	10800884	03/15/2004	8229469	07/24/2012

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33.	Buzzmetrics, Ltd.	METHOD FOR DEVELOPING A CLASSIFIER FOR CLASSIFYING COMMUNICATIONS	10801758	03/16/2004	7725414	05/25/2010
34.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR GATHERING DATA CONCERNING USAGE OF MEDIA DATA	10811174	03/26/2004	7483975	01/27/2009
35.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR PROBING A WIRELESS NETWORK TO MONITOR AND PROCESS THE WIRELESS NETWORK PERFORMANCE	10966850	10/15/2004	7359835	04/15/2008
36.	THE NIELSEN COMPANY (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	11083627	03/18/2005	9132689	09/15/2015
37.	THE NIELSEN COMPANY (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	11083640	03/18/2005	7650793	01/26/2010
38.	THE NIELSEN COMPANY (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	11084481	03/18/2005	7962315	06/14/2011
39.	THE NIELSEN COMPANY (US), LLC	PROGRAMMING DATA GATHERING SYSTEMS	11084545	03/18/2005		
40.	THE NIELSEN COMPANY (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	11084604	03/18/2005	7443292	10/28/2008
41.	THE NIELSEN COMPANY (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	11084641	03/18/2005	8849182	09/30/2014
42.	THE NIELSEN COMPANY (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	11084642	03/18/2005	7463144	12/09/2008
43.	THE NIELSEN COMPANY (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	11084646	03/18/2005	7408460	08/05/2008
44.	THE NIELSEN COMPANY (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	11084663	03/18/2005	7272982	09/25/2007
45.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA INSIDE AND OUTSIDE COMMERCIAL ESTABLISHMENTS	11092497	03/29/2005	7420464	09/02/2008

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46.	THE NIELSEN COMPANY (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE AND EXPOSURE TO PRODUCTS AND/OR PRESENCE IN COMMERCIAL ESTABLISHMENT	11105106	04/13/2005	8135606	03/13/2012
47.	THE NIELSEN COMPANY (US), LLC	DETECTING AND MEASURING EXPOSURE TO MEDIA CONTENT ITEMS	11216543	08/30/2005	7623823	11/24/2009
48.	Buzzmetrics, Ltd.	SYSTEM AND METHOD FOR COLLECTION AND ANALYSIS OF ELECTRONIC DISCUSSION MESSAGES	11239632	09/28/2005	7188078	03/06/2007
49.	Buzzmetrics, Ltd.	SYSTEM AND METHOD FOR COLLECTION AND ANALYSIS OF ELECTRONIC DISCUSSION MESSAGES	11239695	09/28/2005	7188079	03/06/2007
50.	Buzzmetrics, Ltd.	SYSTEM AND METHOD FOR PREDICTING EXTERNAL EVENTS FROM ELECTRONIC POSTING ACTIVITY	11239696	09/28/2005	7363243	04/22/2008
51.	Buzzmetrics, Ltd.	TOPICAL SENTIMENTS IN ELECTRONICALLY STORED COMMUNICATION	11245542	09/30/2005	7523085	04/21/2009
52.	THE NIELSEN COMPANY (US), LLC	APPARATUS AND METHODS FOR INCLUDING CODES IN AUDIO SIGNALS	11267716	11/04/2005	7961881	06/14/2011
53.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND PROCESSES FOR USE IN MEDIA AND/OR MARKET RESEARCH	11288866	11/29/2005		
54.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR RECEPTION OF PROGRAMS AND CONTENT BY BROADCAST RECEIVERS	11339269	01/25/2006	7587728	09/08/2009
55.	Buzzmetrics, Ltd.	CONSUMER TO BUSINESS DATA CAPTURING SYSTEM	11346589	02/02/2006	8271316	09/18/2012

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56.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR EMBEDDING AND RECOVERING AN IMAGE FOR USE WITH VIDEO CONTENT	11363765	02/28/2006	7742618	06/22/2010
57.	THE NIELSEN COMPANY (US), LLC	DIGITAL VIDEO SIGNATURE APPARATUS AND METHODS FOR USE WITH VIDEO PROGRAM IDENTIFICATION SYSTEMS	11372582	03/10/2006	7793318	09/07/2010
58.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT AN OPERATING STATE OF A DISPLAY	11388555	03/24/2006	7786987	08/31/2010
59.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING AUDIO/VIDEO CONTENT USING TEMPORAL SIGNAL CHARACTERISTICS	11404276	04/14/2006	7650616	01/19/2010
60.	THE NIELSEN COMPANY (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	11405067	04/17/2006	7587732	09/08/2009
61.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR MEASURING MARKET-SHARE FOR AN ENTIRE TELECOMMUNICATIO N MARKET	11445069	05/31/2006	7933392	04/26/2011
62.	Buzzmetrics, Ltd.	EXTRACTING STRUCTURED DATA FROM WEBLOGS	11454301	06/16/2006	9158855	10/13/2015
63.	THE NIELSEN COMPANY (US), LLC	PORTABLE AUDIENCE MEASUREMENT ARCHITECTURES AND METHODS FOR PORTABLE AUDIENCE MEASUREMENT	11457666	07/14/2006	8023882	09/20/2011
64.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE AUDIENCE VIEWING OF RECORDED PROGRAMS	11465260	08/17/2006	8065697	11/22/2011

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65.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR MONITORING VIDEO GAMES	11465389	08/17/2006	8863218	10/14/2014
66.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT AN INTERNALLY GENERATED SIGNAL MODE OF A LOCAL MEDIA PLAYBACK DEVICE	11466684	08/23/2006	7594242	09/22/2009
67.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR MEASURING MARKET INFORMATION FOR WIRELESS TELECOMMUNICATIO N DEVICES	11486498	07/14/2006	7761088	07/20/2010
68.	THE NIELSEN COMPANY (US), LLC	DEVICE AND METHOD FOR SENSING ELECTRICAL ACTIVITY IN TISSUE	11500678	08/08/2006		
69.	Buzzmetrics, Ltd.	METHOD AND SYSTEM FOR EXTRACTING WEB DATA	11517417	09/08/2006	7596552	09/29/2009
70.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT A BLANK FRAME IN A DIGITAL VIDEO BROADCAST SIGNAL	11534790	09/25/2006	7984462	07/19/2011
71.	THE NIELSEN COMPANY (US), LLC	DATA INSERTION APPARATUS AND METHODS FOR USE WITH COMPRESSED AUDIO/VIDEO DATA	11535269	09/26/2006	7853124	12/14/2010
72.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE APPEARING IN AN IMAGE	11548578	10/11/2006	7466844	12/16/2008
73.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO EXPORT TUNING DATA COLLECTED IN A RECEIVING DEVICE	11552824	10/25/2006	7779435	08/17/2010
74.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR MIXING COMPRESSED DIGITAL BIT STREAMS	11571483	11/09/2007	8412363	04/02/2013

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75.	THE NIELSEN COMPANY (US), LLC	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	11576328	03/29/2007	7882514	02/01/2011
76.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR MONITORING THE INSERTION OF LOCAL MEDIA CONTENT INTO A PROGRAM STREAM	11618245	12/29/2006	8924995	12/30/2014
77.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING VIEWING INFORMATION ASSOCIATED WITH A DIGITAL MEDIA DEVICE	11618442	12/29/2006	8505042	08/06/2013
78.	THE NIELSEN COMPANY (US), LLC	ENSURING EAS PERFORMANCE IN AUDIO SIGNAL ENCODING	11638262	12/13/2006	7509115	03/24/2009
79.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR CONDUCTING RESEARCH OPERATIONS	11643128	12/20/2006		
80.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR GATHERING RESEARCH DATA FOR MEDIA FROM MULTIPLE SOURCES	11643159	12/20/2006		
81.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR INITIATING A RESEARCH PANEL OF PERSONS OPERATING UNDER A GROUP AGREEMENT	11643160	12/20/2006	8527320	09/03/2013
82.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR TESTING ABILITY TO CONDUCT A RESEARCH OPERATION	11643161	12/20/2006	8185351	05/22/2012
83.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR RECRUITING PANELISTS FOR A RESEARCH OPERATION	11643188	12/20/2006		

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84.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR CONDUCTING RESEARCH OPERATIONS	11643360	12/20/2006		
85.	Buzzmetrics, Ltd.	SYSTEM AND METHOD FOR SCORING ELECTRONIC MESSAGES	11651661	01/10/2007	7600017	10/06/2009
86.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	11672706	02/08/2007	7712114	05/04/2010
87.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	11676452	02/19/2007	7783889	08/24/2010
88.	THE NIELSEN COMPANY (US), LLC	APPARATUS AND METHOD FOR OBJECTIVELY DETERMINING HUMAN RESPONSE TO MEDIA	11681265	03/02/2007	9215996	12/22/2015
89.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR USING LOCATION INFORMATION TO MANAGE SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	11692087	03/27/2007	7739705	06/15/2010
90.	THE NIELSEN COMPANY (US), LLC	DATA CLASSIFICATION METHODS AND APPARATUS FOR USE WITH DATA FUSION	11692480	03/28/2007	7516111	04/07/2009
91.	Buzzmetrics, Ltd.	SYSTEM AND METHOD FOR PREDICTING EXTERNAL EVENTS FROM ELECTRONIC AUTHOR ACTIVITY	11710742	02/26/2007	7844483	11/30/2010
92.	Buzzmetrics, Ltd.	SYSTEM AND METHOD FOR BENCHMARKING ELECTRONIC MESSAGE ACTIVITY	11710743	02/26/2007	7844484	11/30/2010
93.	THE NIELSEN COMPANY (US), LLC	ENCODING AND DECODING OF INFORMATION IN AUDIO SIGNALS	11726762	03/22/2007	RE42627	08/16/2011

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94.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR PROVIDING MARKET ANALYSIS FOR WIRELESS DATA MARKETS	11732613	04/03/2007	7987123	07/26/2011
95.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR PROVIDING MARKET ANALYSIS FOR WIRELESS VOICE MARKETS	11732758	04/03/2007	7991661	08/02/2011
96.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR DETECTING SPACE-SHIFTED MEDIA ASSOCIATED WITH A DIGITAL RECORDING/PLAYBACK DEVICE	11750881	05/18/2007	8682137	03/25/2014
97.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR MEDIA SOURCE IDENTIFICATION AND TIME SHIFTED MEDIA CONSUMPTION MEASUREMENTS	11752106	05/22/2007	7647604	01/12/2010
98.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO METER CONTENT EXPOSURE USING CLOSED CAPTION INFORMATION	11761033	06/11/2007	8151291	04/03/2012
99.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT CONTENT SKIPPING BY A CONSUMER OF A RECORDED PROGRAM	11766405	06/21/2007	8989554	03/24/2015
100.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR GATHERING AUDIENCE MEASUREMENT	11767254	06/22/2007	7640141	12/29/2009
101.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR COMPLIANCE CONFIRMATION AND INCENTIVES	11776940	07/12/2007		
102.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR COMPLIANCE CONFIRMATION AND INCENTIVES	11776987	07/12/2007		

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103.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR COMPLIANCE CONFIRMATION AND INCENTIVES	11777012	07/12/2007		
104.	THE NIELSEN COMPANY (US), LLC	MONITORING USAGE OF A PORTABLE USER APPLIANCE	11777030	07/12/2007		
105.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR COMPLIANCE CONFIRMATION AND INCENTIVES	11777051	07/12/2007		
106.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR USING COHERENCE OF BIOLOGICAL RESPONSES AS A MEASURE OF PERFORMANCE OF A MEDIA	11804517	05/17/2007	8230457	07/24/2012
107.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR RATING MEDIA AND EVENTS IN MEDIA BASED ON PHYSIOLOGICAL DATA	11804555	05/17/2007	8782681	07/15/2014
108.	THE NIELSEN COMPANY (US), LLC	GATHERING RESEARCH DATA	11805075	05/21/2007	7908133	03/15/2011
109.	THE NIELSEN COMPANY (US), LLC	AUDIO DATA RECEIPT/EXPOSURE MEASUREMENT WITH CODE MONITORING AND SIGNATURE EXTRACTION	11805166	05/21/2007		
110.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR GENERATING INFORMATION ABOUT PORTABLE DEVICE ADVERTISING	11805497	05/22/2007		
111.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR MEASURING CROSS TECHNOLOGY WIRELESS COVERAGE	11809318	05/30/2007		

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112.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR COLLECTING WIRELESS INFORMATION TRANSPARENTLY AND NON-INTRUSIVELY	11809464	05/31/2007	8014726	09/06/2011
113.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR COLLECTING INFORMATION ABOUT PORTABLE DEVICE USAGE	11824276	06/28/2007	8260252	09/04/2012
114.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR COLLECTING DATA ON A WIRELESS DEVICE	11825933	07/09/2007	8321556	11/27/2012
115.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING AN "ENGAGEMENT" RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA, PRODUCTS, OR ACTIVITIES USING PHYSIOLOGICAL SIGNALS	11845993	08/28/2007	8764652	07/01/2014
116.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING A POSITIVE OR NEGATIVE RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA, PRODUCTS OR ACTIVITIES USING PHYSIOLOGICAL SIGNALS	11846068	08/28/2007	8473044	06/25/2013
117.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR DETERMINING AUDIENCE RESPONSE TO A SENSORY STIMULUS	11850650	09/05/2007	8296172	10/23/2012
118.	THE NIELSEN COMPANY (US), LLC	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	11852049	09/07/2007	8406341	03/26/2013

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119.	THE NIELSEN COMPANY (US), LLC	METHOD AND APPARATUS FOR SENSING BLOOD OXYGEN	11852189	09/07/2007	8376952	02/19/2013
120.	THE NIELSEN COMPANY (US), LLC	COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS	11854982	09/13/2007	8700411	04/15/2014
121.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY IMAGES IN PRINT ADVERTISEMENTS	11855768	09/14/2007	8368918	02/05/2013
122.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR USING AUDIENCE MEMBER BEHAVIOR INFORMATION TO DETERMINE COMPLIANCE WITH AUDIENCE MEASUREMENT SYSTEM USAGE REQUIREMENTS	11856602	09/17/2007	8650586	02/11/2014
123.	THE NIELSEN COMPANY (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	11859395	09/21/2007	8444180	05/21/2013
124.	THE NIELSEN COMPANY (US), LLC	CONNECTOR RETAINERS AND METHODS OF SECURING A CONNECTOR TO A RECEPTACLE	11864161	09/28/2007	7563123	07/21/2009
125.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS TO RETRIEVE INFORMATION FROM DATA SOURCES	11866335	10/02/2007		
126.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR EMBEDDING CODES IN COMPRESSED AUDIO DATA STREAMS	11870275	10/10/2007	8078301	12/13/2011
127.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	11877413	10/23/2007	8514907	08/20/2013

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128.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR CONSUMER BEHAVIOR ASSOCIATED WITH LOCATION-BASED WEB SERVICES	11877433	10/23/2007		
129.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD OF AD-HOC ANALYSIS OF DATA	11897984	08/31/2007	7660783	02/09/2010
130.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT A TIME-SHIFT EVENT ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT	11916428	12/03/2007	8238727	08/07/2012
131.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR INDIRECT ILLUMINATION IN ELECTRONIC MEDIA RATING SYSTEMS	11916511	07/02/2008	7631324	12/08/2009
132.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR DETECTING ON-SCREEN MEDIA SOURCES	11923141	10/24/2007	8019162	09/13/2011
133.	THE NIELSEN COMPANY (US), LLC	CONNECTOR RETAINERS AND METHODS OF SECURING A CONNECTOR IN A RECEPTACLE	11933920	11/01/2007	7559788	07/14/2009
134.	THE NIELSEN COMPANY (US), LLC	RESEARCH DATA GATHERING WITH A PORTABLE MONITOR AND A STATIONARY DEVICE	11935788	11/06/2007	8738763	05/27/2014
135.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR COLLECTING MEDIA CONSUMPTION DATA BASED ON USAGE INFORMATION	11951864	12/06/2007	7584484	09/01/2009
136.	THE NIELSEN COMPANY (US), LLC	AUDIENCE MEASUREMENT APPARATUS, SYSTEM AND METHOD FOR PRODUCING AUDIENCE INFORMATION OF A MEDIA PRESENTATION	11955520	12/13/2007	8359610	01/22/2013

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137.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS, AND APPARATUS FOR MULTI-PURPOSE METERING	11957082	12/14/2007	8327396	12/04/2012
138.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR CONSUMER ACTIVITY	11957227	12/14/2007		
139.	THE NIELSEN COMPANY (US), LLC	IDENTIFYING KEY MEDIA EVENTS AND MODELING CAUSAL RELATIONSHIPS BETWEEN KEY EVENTS AND REPORTED FEELINGS	11959399	12/18/2007	8347326	01/01/2013
140.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO PRE-SCALE MEDIA CONTENT TO FACILITATE AUDIENCE MEASUREMENT	11966414	12/28/2007		
141.	THE NIELSEN COMPANY (US), LLC	MOTION DETECTOR MODULE	12006442	12/31/2007	9020780	04/28/2015
142.	THE NIELSEN COMPANY (US), LLC	SURVEY DATA ACQUISITION	12006449	12/31/2007		
143.	THE NIELSEN COMPANY (US), LLC	DATA CAPTURE BRIDGE	12006452	12/31/2007	8930003	01/06/2015
144.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR COLLECTING MEDIA SITE DATA	12016080	01/17/2008		
145.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO METER VIDEO GAME PLAY	12023844	01/31/2008	8430752	04/30/2013
146.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO OPERATE AN AUDIENCE METERING DEVICE WITH VOICE COMMANDS	12024559	02/01/2008	7752042	07/06/2010
147.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	12034489	02/20/2008	8060372	11/15/2011
148.	THE NIELSEN COMPANY (US), LLC	CODED/NON-CODED PROGRAM AUDIENCE MEASUREMENT SYSTEM	12035853	02/22/2008	7647605	01/12/2010

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149.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT MEDIA MONITORING INFORMATION	12035974	02/22/2008	8166497	04/24/2012
150.	THE NIELSEN COMPANY (US), LLC	A METHOD AND SYSTEM FOR PROBING A WIRELESS NETWORK TO MONITOR AND PROCESS THE WIRELESS NETWORK PERFORMANCE	12044675	03/07/2008	7835886	11/16/2010
151.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CREATE A MEDIA MEASUREMENT REFERENCE DATABASE FROM A PLURALITY OF DISTRIBUTED SOURCES	12048131	03/13/2008		
152.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IMPROVE MARKET LAUNCH PERFORMANCE	12048782	03/14/2008		
153.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO IDENTIFY INTENTIONALLY PLACED PRODUCTS	12049077	03/14/2008		
154.	THE NIELSEN COMPANY (US), LLC	DIGITAL RIGHTS MANAGEMENT AND AUDIENCE MEASUREMENT SYSTEMS AND METHODS	12052849	03/21/2008	8249992	08/21/2012
155.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR METERING COMPUTER-BASED MEDIA PRESENTATION	12055769	03/26/2008	9209917	12/08/2015
156.	THE NIELSEN COMPANY (US), LLC	ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS USING CENTRAL NERVOUS SYSTEM, AUTONOMIC NERVOUS SYSTEM, AND EFFECTOR DATA	12056190	03/26/2008	8484081	07/09/2013

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157.	THE NIELSEN COMPANY (US), LLC	PROTOCOL GENERATOR AND PRESENTER DEVICE FOR ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS	12056211	03/26/2008	8473345	06/25/2013
158.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR METERING PRINTED MEDIA	12064565	07/02/2008	8181848	05/22/2012
159.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA CONTENT ON A CONSUMER NETWORK	12088747	03/31/2008	8122464	02/21/2012
160.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO WIRELESSLY METER AUDIO/VISUAL DEVICES	12088798	02/27/2009	8763022	06/24/2014
161.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR COOPERATOR INSTALLED METERS	12088802	06/16/2008		
162.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR IMPROVING DATA WAREHOUSE PERFORMANCE	12088809	06/11/2008	7523124	04/21/2009
163.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PLAY AND CONTROL PLAYING OF MEDIA IN A WEB PAGE	12100264	04/09/2008		
164.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MODEL SET-TOP BOX DATA	12100953	04/10/2008		
165.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR AUDITING SIGNAGE	12101033	04/10/2008	8315456	11/20/2012
166.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO GENERATE AND USE CONTENT-AWARE WATERMARKS	12101738	04/11/2008	8805689	08/12/2014
167.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR DETECTING MEDIA EXPOSURE	12105440	04/18/2008		

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168.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	12106040	04/18/2008	8914819	12/16/2014
169.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND APPARATUS TO DETERMINE SHOPPER TRAFFIC IN RETAIL ENVIRONMENTS	12110095	04/25/2008	8229781	07/24/2012
170.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR IN-STORE MEDIA AND CONSUMER TRAFFIC RELATED TO RETAIL ENVIRONMENTS	12110146	04/25/2008	8818841	08/26/2014
171.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	12110951	04/28/2008	8458737	06/04/2013
172.	THE NIELSEN COMPANY (US), LLC	NEURO-INFORMATICS REPOSITORY SYSTEM	12113863	05/01/2008	8386312	02/26/2013
173.	THE NIELSEN COMPANY (US), LLC	NEURO-FEEDBACK BASED STIMULUS COMPRESSION DEVICE	12113870	05/01/2008		
174.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PROVIDE A CHOICE SELECTION WITH DATA PRESENTATION	12119245	05/12/2008		
175.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHODS FOR METERING AND ANALYZING ENERGY CONSUMPTION OF EVENTS WITHIN A PORTABLE DEVICE	12121534	05/15/2008	8032317	10/04/2011
176.	THE NIELSEN COMPANY (US), LLC	AUDIENCE RESPONSE MEASUREMENT AND TRACKING SYSTEM	12122253	05/16/2008		
177.	THE NIELSEN COMPANY (US), LLC	NEURO-PHYSIOLOGY AND NEURO-BEHAVIORAL BASED STIMULUS TARGETING SYSTEM	12122262	05/16/2008	8392253	03/05/2013

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178.	THE NIELSEN COMPANY (US), LLC	AUDIENCE RESPONSE ANALYSIS USING SIMULTANEOUS ELECTROENCEPHALOGRAPHY (EEG) AND FUNCTIONAL MAGNETIC RESONANCE IMAGING (FMRI)	12135074	06/06/2008	8494905	07/23/2013
179.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO WEIGHT INCOMPLETE RESPONDENT DATA	12138604	06/13/2008		
180.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ANALYZE COMMUNICATION SYSTEM TRANSCEIVERS	12140896	06/17/2008	8447293	05/21/2013
181.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO RESPOND TO RECALLS	12142037	06/19/2008		
182.	THE NIELSEN COMPANY (US), LLC	APPARATUS AND METHODS FOR TRACKING AND ANALYZING DIGITAL RECORDING DEVICE EVENT SEQUENCES	12144915	06/24/2008		
183.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR AUDIENCE EXPOSURE TO MEDIA USING DURATION-BASED DATA	12148769	04/22/2008		
184.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO RECRUIT PERSONNEL	12160183	07/07/2008		
185.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR SHOPPERS IN A RETAIL ENVIRONMENT	12164819	06/30/2008		
186.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE BOARD EXPOSURE LEVELS	12164842	06/30/2008		
187.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT MEDIA EXPOSURE INFORMATION	12164967	06/30/2008	8326212	12/04/2012

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188.	THE NIELSEN COMPANY (US), LLC	RESOURCE EFFICIENT RESEARCH DATA GATHERING USING PORTABLE MONITORING DEVICE	12165406	06/30/2008		
189.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR NONINTRUSIVE MONITORING OF WEB BROWSER USAGE	1218184	07/29/2008	8090822	01/03/2012
190.	THE NIELSEN COMPANY (US), LLC	DETECTION OF MEDIA LINKS IN BROADCAST SIGNALS	12181910	07/29/2008	7757248	07/13/2010
191.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR AUDIENCE MEASUREMENT USING GLOBAL SIGNATURE REPRESENTATION AND MATCHING	12181911	07/29/2008	8213521	07/03/2012
192.	THE NIELSEN COMPANY (US), LLC	NEURO-RESPONSE STIMULUS AND STIMULUS ATTRIBUTE RESONANCE ESTIMATOR	12182874	07/30/2008	8533042	09/10/2013
193.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CALIBRATE A CHOICE FORECASTING SYSTEM FOR USE IN MARKET SHARE FORECASTING	12199336	08/27/2008		
194.	THE NIELSEN COMPANY (US), LLC	STIMULUS PLACEMENT SYSTEM USING SUBJECT NEURO-RESPONSE MEASUREMENTS	12199557	08/27/2008	8386313	02/26/2013
195.	THE NIELSEN COMPANY (US), LLC	CONSUMER EXPERIENCE ASSESSMENT SYSTEM	12199583	08/27/2008	8392254	03/05/2013
196.	THE NIELSEN COMPANY (US), LLC	CONSUMER EXPERIENCE PORTRAYAL EFFECTIVENESS ASSESSMENT SYSTEM	12199596	08/27/2008	8635105	01/21/2014
197.	THE NIELSEN COMPANY (US), LLC	CONTENT BASED SELECTION AND META TAGGING OF ADVERTISEMENT BREAKS	12200813	08/28/2008	8392255	03/05/2013

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198.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR ADVERTISEMENT EXPOSURE	12204297	09/04/2008	8302120	10/30/2012
199.	THE NIELSEN COMPANY (US), LLC	INTEGRATED SENSOR HEADSET	12206676	09/08/2008		
200.	THE NIELSEN COMPANY (US), LLC	MEASURING PHYSIOLOGICAL RESPONSE TO MEDIA FOR VIEWERSHIP MODELING	12206702	09/08/2008		
201.	THE NIELSEN COMPANY (US), LLC	PERSONALIZED CONTENT DELIVERY USING NEURO-RESPONSE PRIMING DATA	12234372	09/19/2008		
202.	THE NIELSEN COMPANY (US), LLC	ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS USING MAGNETOENCEPHALOGRAPHY	12234388	09/19/2008	8494610	07/23/2013
203.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT CARRYING OF A PORTABLE AUDIENCE MEASUREMENT DEVICE	12234458	09/19/2008	8843948	09/23/2014
204.	THE NIELSEN COMPANY (US), LLC	PROTECTIVE GUARDS FOR MOUNTING AN IDENTIFICATION TAG ON A SHOPPING CARRIER	12239245	09/26/2008	7911347	03/22/2011
205.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE BRAND EXPOSURE IN MEDIA STREAMS	12239412	09/26/2008		
206.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO SPECIFY REGIONS OF INTEREST IN VIDEO FRAMES	12239425	09/26/2008	8059865	11/15/2011

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208.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR DETERMINING THE OPERATING STATE OF AUDIO-VIDEO DEVICES	12240683	09/29/2008	8959556	02/17/2015
209.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO AUTOMATICALL Y CRAWL THE INTERNET USING IMAGE ANALYSIS	12240756	09/29/2008		
210.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR DETERMINING WHETHER A MEDIA PRESENTATION DEVICE IS IN AN ON STATE OR AN OFF STATE	12242337	09/30/2008	8180712	05/15/2012
211.	THE NIELSEN COMPANY (US), LLC	USE OF BROWSER HISTORY FILE TO DETERMINE WEB SITE REACH	12242395	09/30/2008	8862712	10/14/2014
212.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR MEASURING MARKET SHARE FOR VOICE OVER INTERNET PROTOCOL CARRIERS	12243633	10/01/2008	8279852	10/02/2012
213.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR SUBSCRIBER ACTIVITY	12243699	10/01/2008	8837699	09/16/2014
214.	THE NIELSEN COMPANY (US), LLC	SYSTEM FOR REMOTE ACCESS TO MEDIA, AND REACTION AND SURVEY DATA FROM VIEWERS OF THE MEDIA	12244748	10/02/2008	8151292	04/03/2012
215.	THE NIELSEN COMPANY (US), LLC	SYSTEM PROVIDING ACTIONABLE INSIGHTS BASED ON PHYSIOLOGICAL RESPONSES FROM VIEWERS OF MEDIA	12244751	10/02/2008	8327395	12/04/2012
216.	THE NIELSEN COMPANY (US), LLC	PROVIDING ACTIONABLE INSIGHTS BASED ON PHYSIOLOGICAL RESPONSES FROM VIEWERS OF MEDIA	12244752	10/02/2008	8332883	12/11/2012

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217.	THE NIELSEN COMPANY (US), LLC	GATHERING RESEARCH DATA	12246225	10/06/2008	9124378	09/01/2015
218.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	12249619	10/10/2008	8369972	02/05/2013
219.	THE NIELSEN COMPANY (US), LLC	ONLINE POLLING METHODOLOGY AND PLATFORM	12251931	10/15/2008		
220.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT CARRYING OF A PORTABLE AUDIENCE MEASUREMENT DEVICE	12260775	10/29/2008	8040237	10/18/2011
221.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA CONTENT USING TEMPORAL SIGNAL CHARACTERISTICS	12261899	10/30/2008	8108887	01/31/2012
222.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PERFORM CONSUMER SURVEYS	12263079	10/31/2008		
223.	THE NIELSEN COMPANY (US), LLC	PROBABILISTIC METHODS AND APPARATUS TO DETERMINE THE STATE OF A MEDIA DEVICE	12263150	10/31/2008	8793717	07/29/2014
224.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS PROVIDING EN MASS COLLECTION AND CENTRALIZED PROCESSING OF PHYSIOLOGICAL RESPONSES FROM VIEWERS	12263331	10/31/2008		
225.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	12266380	11/06/2008	8600531	12/03/2013
226.	THE NIELSEN COMPANY (US), LLC	METHOD AND APPARATUS FOR EMBEDDING WATERMARKS	12269733	11/12/2008	7643652	01/05/2010

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227.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR ASSOCIATING MEDIA DEVICES WITH A DEMOGRAPHIC COMPOSITION OF A GEOGRAPHIC AREA	12336338	12/16/2008	8812012	08/19/2014
228.	THE NIELSEN COMPANY (US), LLC	ENSURING EAS PERFORMANCE IN AUDIO SIGNAL ENCODING	12338672	12/18/2008	8000677	08/16/2011
229.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR CONSUMER PRICE INDEX DETERMINATION USING PANEL-BASED AND POINT-OF-SALE MARKET RESEARCH DATA	12341854	12/22/2008	8275682	09/25/2012
230.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ENFORCE A POWER OFF STATE OF AN AUDIENCE MEASUREMENT DEVICE DURING SHIPPING	12346416	12/30/2008	8375404	02/12/2013
231.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ENFORCE A POWER OFF STATE OF AN AUDIENCE MEASUREMENT DEVICE DURING SHIPPING	12346430	12/30/2008	8156517	04/10/2012
232.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR, VERIFY, AND RATE THE PERFORMANCE OF AIRINGS OF COMMERCIALS	12350223	01/07/2009	8701136	04/15/2014
233.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR PROVIDING VIDEO WITH EMBEDDED MEDIA	12357302	01/21/2009	8270814	09/18/2012
234.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR PROVIDING ALTERNATE MEDIA FOR VIDEO DECODERS	12357315	01/21/2009		

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235.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR PROVIDING PERSONALIZED MEDIA IN VIDEO	12357322	01/21/2009	8464288	06/11/2013
236.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR ANALYSIS OF HEALTHCARE MARKETS	12357486	01/22/2009		
237.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR PERFORMING VARIABLE BLOCK LENGTH WATERMARKING OF MEDIA	12361991	01/29/2009	8457951	06/04/2013
238.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO GENERATE A SMART TEXT	12363040	01/30/2009	8306844	11/06/2012
239.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MODEL CONSUMER AWARENESS FOR CHANGING PRODUCTS IN A CONSUMER PURCHASE MODEL	12368028	02/09/2009		
240.	THE NIELSEN COMPANY (US), LLC	METHOD FOR ESTIMATING PURCHASES MADE BY CUSTOMERS	12371723	02/16/2009	8027866	09/27/2011
241.	THE NIELSEN COMPANY (US), LLC	DATA CLASSIFICATION METHODS AND APPARATUS FOR USE WITH DATA FUSION	12389162	02/19/2009	7792771	09/07/2010
242.	Buzzmetrics, Ltd.	TOPICAL SENTIMENTS IN ELECTRONICALLY STORED COMMUNICATION	12395239	02/27/2009	7877345	01/25/2011
243.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD FOR PAYLOAD ENCODING AND DECODING	12400481	03/09/2009	9160988	10/13/2015
244.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR IMPROVING DATA WAREHOUSE PERFORMANCE	12400962	03/10/2009	8219521	07/10/2012

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245.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY WIRELESS SUBSCRIBER ACTIVITY STATUS	12406538	03/18/2009	8369826	02/05/2013
246.	THE NIELSEN COMPANY (US), LLC	PRESENTATION MEASURE USING NEUROGRAPHICS	12410372	03/24/2009		
247.	THE NIELSEN COMPANY (US), LLC	NEUROLOGICAL PROFILES FOR MARKET MATCHING AND STIMULUS PRESENTATION	12410380	03/24/2009		
248.	THE NIELSEN COMPANY (US), LLC	PERSONALIZED STIMULUS PLACEMENT IN VIDEO GAMES	12413297	03/27/2009		
249.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING PRIMARY MEDIA CONTENT IN A POST-PRODUCTION MEDIA CONTENT PRESENTATION	12413360	03/27/2009	8260055	09/04/2012
250.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO GENERATE AN ENERGY CONSUMPTION INDEX	12414289	03/30/2009	8170886	05/01/2012
251.	THE NIELSEN COMPANY (US), LLC	METHOD, MEDIUM, AND SYSTEM TO MONITOR SHOPPERS IN A RETAIL OR COMMERCIAL ESTABLISHMENT	12415506	03/31/2009	8239277	08/07/2012
252.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR MOBILE DEVICES	12418266	04/03/2009	8503991	08/06/2013
253.	THE NIELSEN COMPANY (US), LLC	CROSS-MEDIA INTERACTIVITY METRICS	12425464	04/17/2009		
254.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD FOR DETERMINING BROADCAST DIMENSIONALITY	12425504	04/17/2009	8826317	09/02/2014
255.	THE NIELSEN COMPANY (US), LLC	TECHNIQUES FOR COMMUNICATING DATA RELATING TO MEDIA EXPOSURE USING ACOUSTIC ENCODING	12425556	04/17/2009		

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256.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR MEASURING USER EXPERIENCE FOR INTERACTIVE ACTIVITIES	12426259	04/19/2009		
257.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PERFORM IMAGE CLASSIFICATION BASED ON PSEUDORANDOM FEATURES	12430717	04/27/2009	8351712	01/08/2013
258.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE EFFECTS OF PROMOTIONAL ACTIVITY ON SALES	12435874	05/05/2009	8265989	09/11/2012
259.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	12464811	05/12/2009		
260.	THE NIELSEN COMPANY (US), LLC	BALANCED MICROSTRIP FOLDED DIPOLE ANTENNAS AND MATCHING NETWORKS	12475757	06/01/2009	8102327	01/24/2012
261.	THE NIELSEN COMPANY (US), LLC	MEASURING EXPOSURE TO MEDIA ACROSS MULTIPLE MEDIA DELIVERY MECHANISMS	12478502	06/04/2009		
262.	THE NIELSEN COMPANY (US), LLC	MEASURING EXPOSURE TO MEDIA	12481369	06/09/2009		
263.	THE NIELSEN COMPANY (US), LLC	ANALYSIS OF THE MIRROR NEURON SYSTEM FOR EVALUATION OF STIMULUS	12545455	08/21/2009	8655437	02/18/2014
264.	THE NIELSEN COMPANY (US), LLC	DRY ELECTRODES FOR ELECTROENCEPHALOGRAPHY	12546586	08/24/2009		
265.	THE NIELSEN COMPANY (US), LLC	UNIVERSAL DISPLAY EXPOSURE MONITOR USING PERSONAL LOCATOR SERVICE	12563582	09/21/2009	8098152	01/17/2012
266.	THE NIELSEN COMPANY (US), LLC	DETECTING AND MEASURING EXPOSURE TO MEDIA CONTENT ITEMS	12576184	10/08/2009	8358966	01/22/2013

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267.	THE NIELSEN COMPANY (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	12582054	10/20/2009	8516500	08/20/2013
268.	THE NIELSEN COMPANY (US), LLC	ANALYSIS OF CONTROLLED AND AUTOMATIC ATTENTION FOR INTRODUCTION OF STIMULUS MATERIAL	12608660	10/29/2009		
269.	THE NIELSEN COMPANY (US), LLC	GENERATING RATINGS PREDICTIONS USING NEURO-RESPONSE DATA	12608685	10/29/2009		
270.	THE NIELSEN COMPANY (US), LLC	INTRACLUSTER CONTENT MANAGEMENT USING NEURO-RESPONSE PRIMING DATA	12608696	10/29/2009	8209224	06/26/2012
271.	THE NIELSEN COMPANY (US), LLC	DISTRIBUTED AUDIENCE MEASUREMENT SYSTEMS AND METHODS	12609204	10/30/2009	8990142	03/24/2015
272.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR GATHERING AUDIENCE MEASUREMENT DATA	12611220	11/03/2009	9100132	08/04/2015
273.	THE NIELSEN COMPANY (US), LLC	DETERMINING RELATIVE EFFECTIVENESS OF MEDIA CONTENT ITEMS	12618950	11/16/2009		
274.	THE NIELSEN COMPANY (US), LLC	ADVERTISEMENT EXCHANGE USING NEURO-RESPONSE DATA	12622292	11/19/2009	8335715	12/18/2012
275.	THE NIELSEN COMPANY (US), LLC	MULTIMEDIA ADVERTISEMENT EXCHANGE	12622312	11/19/2009	8335716	12/18/2012
276.	THE NIELSEN COMPANY (US), LLC	PEER-TO-PEER PRIVACY PANEL FOR AUDIENCE MEASUREMENT	12643647	12/21/2009		
277.	THE NIELSEN COMPANY (US), LLC	SET-TOP-BOX WITH INTEGRATED ENCODER/DECODER FOR AUDIENCE MEASUREMENT	12724070	03/15/2010	8768713	07/01/2014

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278.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	12725018	03/16/2010	8108888	01/31/2012
279.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR PREDICTING AUDIENCE VIEWING BEHAVIOR	12749376	03/29/2010		
280.	THE NIELSEN COMPANY (US), LLC	NEURO-RESPONSE DATA SYNCHRONIZATION	12778828	05/12/2010	8655428	02/18/2014
281.	THE NIELSEN COMPANY (US), LLC	DYNAMIC AD SELECTION FOR AD DELIVERY SYSTEMS	12830332	07/04/2010		
282.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS, AND APPARATUS TO MANAGE MEAL PLANNING AND COUPON DISPENSING	12833742	07/09/2010		
283.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO RANK USERS IN AN ONLINE SOCIAL NETWORK	12835563	07/13/2010	8874727	10/28/2014
284.	THE NIELSEN COMPANY (US), LLC	DIGITAL VIDEO SIGNATURE APPARATUS AND METHODS FOR USE WITH VIDEO PROGRAM IDENTIFICATION SYSTEMS	12845660	07/28/2010	8020180	09/13/2011
285.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ADAPTIVELY SELECT SENSOR(S) TO GATHER AUDIENCE MEASUREMENT DATA BASED ON A VARIABLE SYSTEM FACTOR AND A QUANTITY OF DATA COLLECTIBLE BY THE SENSORS	12847805	07/30/2010	8020179	09/13/2011
286.	THE NIELSEN COMPANY (US), LLC	DATA CLASSIFICATION METHODS AND APPARATUS FOR USE WITH DATA FUSION	12847856	07/30/2010	8234226	07/31/2012

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287.	THE NIELSEN COMPANY (US), LLC	NEURO-RESPONSE EVALUATED STIMULUS IN VIRTUAL REALITY ENVIRONMENT	12853197	08/09/2010	8392250	03/05/2013
288.	THE NIELSEN COMPANY (US), LLC	LOCATION AWARE PRESENTATION OF STIMULUS MATERIAL	12853213	08/09/2010	8392251	03/05/2013
289.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	12856643	08/14/2010	8910259	12/09/2014
290.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	12856651	08/14/2010	8886773	11/11/2014
291.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS AND APPARATUS TO GENERATE MARKET SEGMENTATION DATA WITH ANONYMOUS LOCATION DATA	12868420	08/25/2010	8340685	12/25/2012
292.	THE NIELSEN COMPANY (US), LLC	EFFECTIVE VIRTUAL REALITY ENVIRONMENTS FOR PRESENTATION OF MARKETING MATERIALS	12868531	08/25/2010	8396744	03/12/2013
293.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR INDIRECT ILLUMINATION IN ELECTRONIC MEDIA RATING SYSTEMS	12870565	08/27/2010	7926073	04/12/2011
294.	THE NIELSEN COMPANY (US), LLC	BIOMETRIC AWARE CONTENT PRESENTATION	12884034	09/16/2010		
295.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PERFORM CHOICE MODELING WITH SUBSTITUTABILITY DATA	12887027	09/21/2010		
296.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND SYSTEMS TO COLLECT AUDIENCE MEASUREMENT DATA	12887275	09/21/2010	8677385	03/18/2014
297.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR TRANSCODING METADATA	12890216	09/24/2010	8601163	12/03/2013

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298.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE MOBILE BROADBAND MARKET SHARE	12894347	09/30/2010	8972554	03/03/2015
299.	THE NIELSEN COMPANY (US), LLC	AUDIENCE MEASUREMENT SYSTEMS, METHODS AND APPARATUS	12905798	10/15/2010	8856816	10/07/2014
300.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR MEASURING MARKET-SHARE FOR AN ENTIRE TELECOMMUNICATIO N MARKET	12911044	10/25/2010	8433047	04/30/2013
301.	THE NIELSEN COMPANY (US), LLC	DATA INSERTION APPARATUS AND METHODS FOR USE WITH COMPRESSED AUDIO/VIDEO DATA	12942800	11/09/2010	8600216	12/03/2013
302.	Buzzmetrics, Ltd.	SYSTEM AND METHOD FOR ANALYZING ELECTRONIC MESSAGE ACTIVITY	12955586	11/29/2010		
303.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO SELECT TARGETED ADVERTISING	12964481	12/09/2010		
304.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE AUDIENCE ENGAGEMENT INDICES ASSOCIATED WITH MEDIA PRESENTATIONS	12965505	12/10/2010	9009298	04/14/2015
305.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA EXPOSURE	12966736	12/13/2010		
306.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE LOCATIONS OF AUDIENCE MEMBERS	12967415	12/14/2010	8885842	11/11/2014
307.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS, AND APPARATUS TO SYNCHRONIZE ACTIONS OF AUDIO SOURCE MONITORS	12968677	12/15/2010	8855101	10/07/2014

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308.	Buzzmetrics, Ltd.	TOPICAL SENTIMENTS IN ELECTRONICALLY STORED COMMUNICATION	12969356	12/15/2010	8041669	10/18/2011
309.	THE NIELSEN COMPANY (US), LLC	MATCHING TECHNIQUES FOR CROSS-PLATFORM MONITORING AND INFORMATION	12981931	12/30/2010		
310.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD FOR BEHAVIORAL AND CONTEXTUAL DATA ANALYTICS	13002205	02/16/2011	9075883	07/07/2015
311.	THE NIELSEN COMPANY (US), LLC and iHeartMedia Management Services, Inc.	PRESENTING LISTENER INFORMATION	13014899	01/27/2011	8869182	10/21/2014
312.	THE NIELSEN COMPANY (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEMS, APPARATUS AND METHODS	13017907	01/31/2011	8539527	09/17/2013
313.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO DETERMINE SEARCH ENGINE MARKET SHARE	13023160	02/08/2011		
314.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE SEARCH RESULTS	13023170	02/08/2011	9015141	04/21/2015
315.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA EXPOSURE	13037318	02/28/2011	8918802	12/23/2014
316.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS, AND APPARATUS TO CALCULATE DISTANCE FROM AUDIO SOURCES	13043025	03/08/2011	8824242	09/02/2014

317.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR GATHERING RESEARCH DATA	13046360	03/11/2011	8731906	05/20/2014

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318.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR INTEGRATING VOLUMETRIC SALES DATA, MEDIA CONSUMPTION INFORMATION, AND GEOGRAPHIC-DEMOGRAPHIC DATA TO TARGET ADVERTISEMENTS	13047541	03/14/2011	8688516	04/01/2014
319.	THE NIELSEN COMPANY (US), LLC	ELECTROENCEPHALOGRAM (EEG) CLUSTER ELECTRODES	13053016	03/21/2011	8744808	06/03/2014
320.	THE NIELSEN COMPANY (US), LLC	ELECTROENCEPHALOGRAM (EEG) CLUSTER ELECTRODES	13053043	03/21/2011	8774894	07/08/2014
321.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO ESTIMATE LOCAL MARKET AUDIENCES OF MEDIA CONTENT	13078574	04/01/2011		
322.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MODEL CONSUMER CHOICE SOURCING	13081924	04/07/2011		
323.	THE NIELSEN COMPANY (US), LLC	SHORT IMAGERY TASK (SIT) RESEARCH METHOD	13089752	04/19/2011	8684742	04/01/2014
324.	THE NIELSEN COMPANY (US), LLC	SOURCE DETECTION APPARATUS AND METHOD FOR AUDIENCE MEASUREMENT	13092355	04/22/2011	8434100	04/30/2013
325.	THE NIELSEN COMPANY (US), LLC	MARKETING MATERIAL ENHANCED WAIT STATES	13105774	05/11/2011		
326.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	13117657	05/27/2011	8315620	11/20/2012
327.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT A BLANK FRAME IN A DIGITAL VIDEO BROADCAST SIGNAL	13117840	05/27/2011		

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328.	THE NIELSEN COMPANY (US), LLC	POWER MANAGEMENT FOR AUDIENCE MEASUREMENT METERS	13149500	05/31/2011	8924994	12/30/2014
329.	THE NIELSEN COMPANY (US), LLC	PORTABLE AUDIENCE MEASUREMENT ARCHITECTURES AND METHODS FOR PORTABLE AUDIENCE MEASUREMENT	13159243	06/13/2011	8467717	06/18/2013
330.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO IDENTIFY MEDIA PRESENTATION DEVICES	13172550	06/29/2011	9124920	09/01/2015
331.	THE NIELSEN COMPANY (US), LLC	PROGRAM TELECAST MONITORING USING WATERMARKS	13173732	06/30/2011	8578404	11/05/2013
332.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	13174517	06/30/2011	8594617	11/26/2013
333.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO GENERATE AND UTILIZE VENUE PROFILES	13178857	07/08/2011		
334.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO GENERATE A TAG FOR MEDIA CONTENT	13181147	07/12/2011		
335.	THE NIELSEN COMPANY (US), LLC	DYNAMIC NEWS MEDIA SELECTION FOR SOCIAL NETWORK DISTRIBUTION	13183428	07/14/2011		
336.	THE NIELSEN COMPANY (US), LLC	DEVICE, SYSTEM AND METHOD FOR MEASUREMENT OF MEDIA CONSUMPTION IN DIGITAL MEDIA TERMINALS	13192191	07/27/2011	8885840	11/11/2014

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337.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ADAPTIVELY SELECT SENSOR(S) TO GATHER AUDIENCE MEASUREMENT DATA BASED ON A VARIABLE SYSTEM FACTOR AND A QUANTITY OF DATA COLLECTABLE BY THE SENSORS	13194657	07/29/2011	8539519	09/17/2013
338.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO TRANSLATE MODELS FOR EXECUTION ON A SIMULATION PLATFORM	13194917	07/30/2011		
339.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ANALYZE AND ADJUST DEMOGRAPHIC INFORMATION	13209292	08/12/2011	9092797	07/28/2015
340.	THE NIELSEN COMPANY (US), LLC	DIGITAL VIDEO SIGNATURE APPARATUS AND METHODS FOR USE WITH VIDEO PROGRAM IDENTIFICATION SYSTEMS	13211906	08/17/2011	8683503	03/25/2014
341.	THE NIELSEN COMPANY (US), LLC	IMAGE OVERLAYING AND COMPARISON FOR INVENTORY DISPLAY AUDITING	13217031	08/24/2011	8917902	12/23/2014
342.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT WIRELESS INFORMATION	13218109	08/25/2011	8538343	09/17/2013
343.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA CONTENT	13221481	08/30/2011		
344.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	13222084	08/31/2011	8620088	12/31/2013
345.	THE NIELSEN COMPANY (US), LLC	IMAGE RECOGNITION TO SUPPORT SHELF AUDITING FOR CONSUMER RESEARCH	13222763	08/31/2011	8908903	12/09/2014

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346.	THE NIELSEN COMPANY (US), LLC	AUDIENCE MEASUREMENT SYSTEMS AND METHODS FOR DIGITAL TELEVISION	13222828	08/31/2011	8732738	05/20/2014
347.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ACCESS MEDIA	13222909	08/31/2011	8861937	10/14/2014
348.	THE NIELSEN COMPANY (US), LLC	USE OF BROWSER HISTORY FILE TO DETERMINE WEB SITE REACH	13222958	08/31/2011	9037659	05/19/2015
349.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR METERING AND ANALYZING ENERGY CONSUMPTION OF EVENTS WITHIN A PORTABLE DEVICE	13222969	08/31/2011	8364429	01/29/2013
350.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT CARRYING OF A PORTABLE AUDIENCE MEASUREMENT DEVICE	13232728	09/14/2011	8248234	08/21/2012
351.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	13239005	09/21/2011	8713168	04/29/2014
352.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE AUDIENCE VIEWING OF RECORDED PROGRAMS	13240805	09/22/2011	8869187	10/21/2014
353.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO MODIFY A CHARACTERISTIC OF A USER DEVICE BASED ON A NEUROLOGICAL AND/OR PHYSIOLOGICAL MEASUREMENT	13249512	09/30/2011		

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354.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO MATCH A REPRESENTATIVE WITH A COMMERCIAL PROPERTY BASED ON NEUROLOGICAL AND/OR PHYSIOLOGICAL RESPONSE DATA	13249525	09/30/2011		
355.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT UNINSTALLATION OF AN ON-DEVICE METER	13249809	09/30/2011	8701125	04/15/2014
356.	THE NIELSEN COMPANY (US), LLC	APPARATUS AND METHODS FOR ILLUMINATING DISPLAY PANELS OF ELECTRONIC DEVICES	13249911	09/30/2011	8678624	03/25/2014
357.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO SPECIFY REGIONS OF INTEREST IN VIDEO FRAMES	13250331	09/30/2011	8300893	10/30/2012
358.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR EMBEDDING CODES IN COMPRESSED AUDIO DATA STREAMS	13250354	09/30/2011	8972033	03/03/2015
359.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR NONINTRUSIVE MONITORING OF WEB BROWSER USAGE	13250623	09/30/2011	8806006	08/12/2014
360.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	13250663	09/30/2011	8364491	01/29/2013
361.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS AND APPARATUS TO MONITOR A MARKETING CAMPAIGN	13280686	10/25/2011		
362.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	13283271	10/27/2011	8351645	01/08/2013
363.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY MEDIA PRESENTATION DEVICES	13285846	10/31/2011		

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364.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR FORMATTING A PRESENTATION IN WEBPAGE BASED ON NEURO-RESPONSE DATA	13288504	11/03/2011		
365.	THE NIELSEN COMPANY (US), LLC	DYNAMIC MERCHANDISING CONNECTION SYSTEM	13294080	11/10/2011		
366.	THE NIELSEN COMPANY (US), LLC	TACTILE AND GESTATIONAL IDENTIFICATION AND LINKING TO MEDIA CONSUMPTION	13307599	11/30/2011		
367.	THE NIELSEN COMPANY (US), LLC	MOVEMENT/POSITION MONITORING AND LINKING TO MEDIA CONSUMPTION	13307634	11/30/2011		
368.	THE NIELSEN COMPANY (US), LLC	APPARATUS, SYSTEM AND METHOD FOR ACTIVATING FUNCTIONS IN PROCESSING DEVICES USING ENCODED AUDIO	13307649	11/30/2011		
369.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE GEOGRAPHICAL FEATURES USING AN IMAGE OF A GEOGRAPHICAL LOCATION	13314989	12/08/2011	9002114	04/07/2015
370.	THE NIELSEN COMPANY (US), LLC	IMAGE COMPARISON USING COLOR HISTOGRAMS	13324624	12/13/2011	8897553	11/25/2014
371.	THE NIELSEN COMPANY (US), LLC	VIDEO COMPARISON USING COLOR HISTOGRAMS	13324692	12/13/2011	8897554	11/25/2014
372.	THE NIELSEN COMPANY (US), LLC	DETECTING OBJECTS IN IMAGES USING COLOR HISTOGRAMS	13324695	12/13/2011	8750613	06/10/2014
373.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE COMPARATIVE PERFORMANCE OF INTERNET AND TELEVISION AD CAMPAIGNS	13325947	12/14/2011		

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374.	THE NIELSEN COMPANY (US), LLC	DYNAMIC PACKAGE PERSONALIZATION SYSTEM	13327018	12/15/2011		
375.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CAPTURE IMAGES	13327227	12/15/2011	9082004	07/14/2015
376.	THE NIELSEN COMPANY (US), LLC	MEDIA EXPOSURE LINKING UTILIZING BLUETOOTH SIGNAL CHARACTERISTICS	13327943	12/16/2011	8538333	09/17/2013
377.	THE NIELSEN COMPANY (US), LLC	MEDIA EXPOSURE AND VERIFICATION UTILIZING INDUCTIVE COUPLING	13327993	12/16/2011	8977194	03/10/2015
378.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS TO MONITOR A MEDIA DEVICE VIA A USB PORT	13328927	12/16/2011		
379.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COUNT AUDIENCE MEMBERS	13328955	12/16/2011	8739194	05/27/2014
380.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY MEDIA PRESENTATION DEVICES	13329044	12/16/2011		
381.	THE NIELSEN COMPANY (US), LLC	BALANCED MICROSTRIP FOLDED DIPOLE ANTENNAS AND MATCHING NETWORKS	13330318	12/19/2011	8446331	05/21/2013
382.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA USING TEMPORAL SIGNAL CHARACTERISTICS	13337890	12/27/2011	8887191	11/11/2014
383.	THE NIELSEN COMPANY (US), LLC	MEDIA EXPOSURE DATA COLLECTION AND SECURITY	13338479	12/28/2011		
384.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD FOR UTILIZING AUDIO ENCODING FOR MEASURING MEDIA EXPOSURE WITH ENVIRONMENTAL MASKING	13338588	12/28/2011		

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385.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE MOBILE DEVICE USAGE	13340053	12/29/2011	9020463	04/28/2015
386.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS TO MONITOR A MEDIA DEVICE USING A DIGITAL AUDIO SIGNA	13340167	12/29/2011	9219968	12/22/2015
387.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO EXTRACT DATA ENCODED IN MEDIA CONTENT	13341092	12/30/2011	8554545	10/08/2013
388.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD FOR DETERMINING DEVICE COMPLIANCE AND RECRUITMENT	13341113	12/30/2011		
389.	THE NIELSEN COMPANY (US), LLC	APPARATUS, SYSTEM AND METHOD FOR ACTIVATING FUNCTIONS IN PROCESSING DEVICES USING ENCODED AUDIO AND AUDIO SIGNATURES	13341272	12/30/2011		
390.	THE NIELSEN COMPANY (US), LLC	ACTIVATING FUNCTIONS IN PROCESSING DEVICES USING START CODES EMBEDDED IN AUDIO	13341365	12/30/2011	8959016	02/17/2015
391.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD FOR DETERMINING CONTEXTUAL CHARACTERISTICS OF MEDIA EXPOSURE DATA	13341453	12/30/2011		
392.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	13341575	12/30/2011	8683504	03/25/2014
393.	THE NIELSEN COMPANY (US), LLC	MONITORING STREAMING MEDIA CONTENT	13341646	12/30/2011	9210208	12/08/2015
394.	THE NIELSEN COMPANY (US), LLC	MONITORING STREAMING MEDIA CONTENT	13341661	12/30/2011		

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395.	THE NIELSEN COMPANY (US), LLC	INTERCEPTING ENCRYPTED NETWORK TRAFFIC FOR INTERNET USAGE MONITORING	13361651	01/30/2012	8914629	12/16/2014
396.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY SESSION USERS WITH COOKIE INFORMATION	13396071	02/14/2012	9015255	04/21/2015
397.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA CONTENT ON A CONSUMER NETWORK	13400459	02/20/2012	8640154	01/28/2014
398.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY EXPOSURE TO 3D MEDIA PRESENTATIONS	13401489	02/21/2012	8813109	08/19/2014
399.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY EXPOSURE TO 3D MEDIA PRESENTATIONS	13401547	02/21/2012	8713590	04/29/2014
400.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY EXPOSURE TO 3D MEDIA PRESENTATIONS	13401551	02/21/2012	8479226	07/02/2013
401.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ENFORCE A POWER OFF STATE OF AN AUDIENCE MEASUREMENT DEVICE DURING SHIPPING	13403635	02/23/2012	8799937	08/05/2014
402.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	13404984	02/24/2012		
403.	THE NIELSEN COMPANY (US), LLC	DATA COLLECTION SYSTEM FOR AGGREGATING BIOLOGICALLY BASED MEASURES IN ASYNCHRONOUS GEOGRAPHICALLY DISTRIBUTED PUBLIC ENVIRONMENTS	13405611	02/27/2012		

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404.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PREDICT NEW PRODUCT PERFORMANCE METRICS	13405856	02/27/2012	8543446	09/24/2013
405.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY USERS OF HANDHELD COMPUTING DEVICES	13409796	03/01/2012		
406.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO TRACK WEB BROWSING SESSIONS	13421613	03/15/2012		
407.	THE NIELSEN COMPANY (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	13430342	03/26/2012	8768003	07/01/2014
408.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DISTINGUISH BETWEEN MEDIA PURCHASES AND MEDIA CONSUMPTION	13431083	03/27/2012		
409.	THE NIELSEN COMPANY (US), LLC	HYBRID ACTIVE AND PASSIVE PEOPLE METERING FOR AUDIENCE MEASUREMENT	13431624	03/27/2012	9185456	11/10/2015
410.	THE NIELSEN COMPANY (US), LLC	SCENE-BASED PEOPLE METERING FOR AUDIENCE MEASUREMENT	13431626	03/27/2012	8737745	05/27/2014
411.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	13434302	03/29/2012	8660307	02/25/2014
412.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	13434319	03/29/2012	8761442	06/24/2014
413.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	13434330	03/29/2012		
414.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	13434337	03/29/2012	9092675	07/28/2015

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415.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PREDICT AUDIENCE COMPOSITION AND/OR SOLICIT AUDIENCE MEMBERS	13436057	03/30/2012		
416.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND MACHINE READABLE STORAGE MEDIA TO MONITOR A MEDIA PRESENTATION	13436444	03/30/2012		
417.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	13443596	04/10/2012		
418.	THE NIELSEN COMPANY (US), LLC	INTRACLUSTER CONTENT MANAGEMENT USING NEURO-RESPONSE PRIMING DATA	13444149	04/11/2012	8762202	06/24/2014
419.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR DETERMINING WHETHER A MEDIA PRESENTATION DEVICE IS IN AN ON STATE OR AN OFF STATE USING FUZZY SCORES AND SIGNATURE MATCHES	13444571	04/11/2012		
420.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO IDENTIFY MEDIA DELIVERY	13446867	04/13/2012		
421.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT USER ATTENTIVENESS TO HANDHELD COMPUTING DEVICES	13447862	04/16/2012	8473975	06/25/2013
422.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MANAGE MARKETING FORECASTING ACTIVITY	13451724	04/20/2012		

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423.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MANAGE MARKETING FORECASTING ACTIVITY	13451748	04/20/2012		
424.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MANAGE MARKETING FORECASTING ACTIVITY	13451768	04/20/2012		
425.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	13455961	04/25/2012		
426.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR DETECTING A COMPOSITION OF AN AUDIENCE OF AN INFORMATION PRESENTING DEVICE	13459908	04/30/2012	8660308	02/25/2014
427.	THE NIELSEN COMPANY (US), LLC	SIMULCAST RESOLUTION IN CONTENT MATCHING SYSTEMS	13460222	04/30/2012	8739198	05/27/2014
428.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO DETERMINE IMPACT OF TEST SUBJECTS	13464591	05/04/2012		
429.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	13472170	05/15/2012	9209978	12/08/2015
430.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS	13472201	05/15/2012		
431.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY AUDIENCE MEMBERS	13472269	05/15/2012		
432.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	13473319	05/16/2012	8700657	04/15/2014
433.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR AUTOMATIC TV ON/OFF DETECTION	13473320	05/16/2012		

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434.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR AUDIENCE MEASUREMENT	13473358	05/16/2012	9219559	12/22/2015
435.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR IDENTIFYING A USER OF AN ELECTRONIC DEVICE	13473361	05/16/2012		
436.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR SHOPPERS IN A MONITORED ENVIRONMENT	13475571	05/18/2012		
437.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR TESTING ABILITY TO CONDUCT A RESEARCH OPERATION	13476180	05/21/2012	8949074	02/03/2015
438.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	13513148	05/31/2012	8370489	02/05/2013
439.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION	13526415	06/18/2012	8555304	10/08/2013
440.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR IMPROVING DATA WAREHOUSE PERFORMANCE	13529359	06/21/2012	8738576	05/27/2014
441.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR AUDIENCE MEASUREMENT USING GLOBAL SIGNATURE REPRESENTATION AND MATCHING	13532264	06/25/2012	8707341	04/22/2014
442.	THE NIELSEN COMPANY (US), LLC	DATA CLASSIFICATION METHODS AND APPARATUS FOR USE WITH DATA FUSION	13538933	06/29/2012	8533138	09/10/2013

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443.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR USING COHERENCE OF BIOLOGICAL RESPONSES AS A MEASURE OF PERFORMANCE OF A MEDIA	13553515	07/19/2012	8973022	03/03/2015
444.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ADJUST SIGNATURE MATCHING RESULTS FOR AUDIENCE MEASUREMENT	13557989	07/25/2012	9124379	09/01/2015
445.	THE NIELSEN COMPANY (US), LLC	SIGNATURE-BASED PROGRAM IDENTIFICATION APPARATUS AND METHODS FOR USE WITH DIGITAL BROADCAST SYSTEMS	13558224	07/25/2012	9054820	06/09/2015
446.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR COLLECTING INFORMATION ABOUT PORTABLE DEVICE USAGE	13563147	07/31/2012	8463233	06/11/2013
447.	THE NIELSEN COMPANY (US), LLC	EFFECTIVE VIRTUAL REALITY ENVIRONMENTS FOR PRESENTATION OF MARKETING MATERIALS	13569711	08/08/2012	8548852	10/01/2013
448.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING PRIMARY MEDIA CONTENT IN A POST-PRODUCTION MEDIA CONTENT PRESENTATION	13569950	08/08/2012	8917937	12/23/2014
449.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR PROVIDING VIDEO WITH EMBEDDED MEDIA	13570946	08/09/2012	8977110	03/10/2015
450.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE EFFECTS OF PROMOTIONAL ACTIVITY ON SALES	13571575	08/10/2012	8583477	11/12/2013

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451.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COMMUNICATE AUDIENCE MEASUREMENT INFORMATION	13584352	08/13/2012		
452.	THE NIELSEN COMPANY (US), LLC	AUDIO BASED METHODS AND APPARATUS FOR DETECTING A CHANNEL CHANGE EVENT	13592018	08/22/2012	8819717	08/26/2014
453.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO FORECAST NEW PRODUCT LAUNCH SOURCING	13600778	08/31/2012		
454.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO SCAN A WIRELESS COMMUNICATION SPECTRUM	13601710	08/31/2012	8805407	08/12/2014
455.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DYNAMICALLY ESTIMATE CONSUMER SEGMENT SALES WITH POINT-OF-SALE DATA	13602892	09/04/2012		
456.	THE NIELSEN COMPANY (US), LLC	ONLINE POLLING METHODOLOGIES AND PLATFORMS	13604195	09/05/2012		
457.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR CONSUMER PRICE INDEX DETERMINATION USING PANEL-BASED AND POINT-OF-SALE MARKET RESEARCH DATA	13605553	09/06/2012		
458.	THE NIELSEN COMPANY (US), LLC	COOPERATIVE SYSTEM FOR MEASURING ELECTRONIC MEDIA	13605690	09/06/2012		
459.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE MARKET SHARE FOR VOICE OVER INTERNET PROTOCOL CARRIERS	13616650	09/14/2012	8824459	09/02/2014

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460.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT BROADBAND MARKET DATA	13616693	09/14/2012	9189796	11/17/2015
461.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY WIRELESS CARRIER PERFORMANCE EFFECTS	13616714	09/14/2012	8688053	04/01/2014
462.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD FOR MONITORING SECURE DATA ON A NETWORK	13618448	09/14/2012	8799643	08/05/2014
463.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO SPECIFY REGIONS OF INTEREST IN VIDEO FRAMES	13618867	09/14/2012		
464.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	13619023	09/14/2012	8457972	06/04/2013
465.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR METERING AND ANALYZING ENERGY CONSUMPTION OF EVENTS WITHIN A PORTABLE DEVICE	13619132	09/14/2012	8620607	12/31/2013
466.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA	13627495	09/26/2012		
467.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR ADVERTISEMENT EXPOSURE	13629234	09/27/2012	8745648	06/03/2014
468.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR USAGE OF INTERNET ADVERTISING NETWORKS	13630818	09/28/2012		
469.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DISCOVER SPECTRUM USAGE OF MOBILE CARRIERS	13646308	10/05/2012	8886161	11/11/2014

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470.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO OBTAIN ANONYMOUS AUDIENCE MEASUREMENT DATA FROM NETWORK SERVER DATA FOR PARTICULAR DEMOGRAPHIC AND USAGE PROFILES	13649794	10/11/2012	8903864	12/02/2014
471.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARK DETECTION AND EXTRACTION	13653001	10/16/2012		
472.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO GENERATE SMART TEXT	13654899	10/18/2012	8762192	06/24/2014
473.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR CLOCK CORRECTION AND/OR SYNCHRONIZATION FOR AUDIO MEDIA MEASUREMENT SYSTEMS	13657275	10/22/2012		
474.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTICS OF PORTABLE DEVICES	13657380	10/22/2012		
475.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR CONFIGURING MEDIA DEVICES UTILIZING AUDIO CODES OR SIGNATURES	13657430	10/22/2012	8826316	09/02/2014
476.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR DETERMINING AUDIENCE RESPONSE TO A SENSORY STIMULUS	13657432	10/22/2012		
477.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY USAGE OF QUICK RESPONSE CODES	13658604	10/23/2012	9218610	12/22/2015

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478.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO DETERMINE MEDIA EFFECTIVENESS	13659592	10/24/2012	9021515	04/28/2015
479.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT MEDIA EXPOSURE INFORMATION	13663373	10/29/2012	8666303	03/04/2014
480.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR AUDITING SIGNAGE	13664149	10/30/2012	8649610	02/11/2014
481.	THE NIELSEN COMPANY (US), LLC	ADVERTISEMENT EXCHANGE USING NEURO-RESPONSE DATA	13665354	10/31/2012		
482.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ASSESS MARKETING CONCEPTS PRIOR TO MARKET PARTICIPATION	13670805	11/07/2012		
483.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA	13671341	11/07/2012	8874924	10/28/2014
484.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	13678960	11/16/2012	8559918	10/15/2013
485.	THE NIELSEN COMPANY (US), LLC	IDENTIFYING KEY MEDIA EVENTS AND MODELING CAUSAL RELATIONSHIPS BETWEEN KEY EVENTS AND REPORTED FEELINGS	13682503	11/20/2012	8793715	07/29/2014
486.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR COLLECTING DATA ON A WIRELESS DEVICE	13685689	11/26/2012	9203642	12/01/2015
487.	THE NIELSEN COMPANY (US), LLC	MEDIA MONITORING BASED ON PREDICTIVE SIGNATURE CACHING	13687825	11/28/2012	9106953	08/11/2015
488.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR ONLINE ACTIVITY	13689278	11/29/2012	9154565	10/06/2015
489.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS AND APPARATUS FOR MULTI-PURPOSE METERING	13690652	11/30/2012	8752081	06/10/2014

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490.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	13690915	11/30/2012		
491.	THE NIELSEN COMPANY (US), LLC	MULTIPLE METER DETECTION AND PROCESSING USING MOTION DATA	13691166	11/30/2012		
492.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	13691175	11/30/2012	8843626	09/23/2014
493.	THE NIELSEN COMPANY (US), LLC	CUSTOM ELECTRONIC PROGRAM GUIDES	13691302	11/30/2012	9215489	12/15/2015
494.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR IMPRESSIONS OF SOCIAL MEDIA MESSAGES	13691371	11/30/2012	9055021	06/09/2015
495.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO TEXT DATA AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM TEXT DATA	13691510	11/30/2012	9042554	05/26/2015
496.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO RELATIONAL DATABASE KEYS AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM RELATIONAL DATABASE KEYS	13691515	11/30/2012		

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497.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO NUMERIC DATA AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM NUMERIC DATA	13691519	11/30/2012		
498.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO TEXT DATA AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM TEXT DATA	13691522	11/30/2012	9087459	07/21/2015
499.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO SELECT MEDIA BASED ON ENGAGEMENT LEVELS	13691557	11/30/2012		
500.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CONTROL A STATE OF DATA COLLECTION DEVICES	13691579	11/30/2012		
501.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR USAGE OF MOBILE DEVICES	13706244	12/05/2012		
502.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	13708262	12/07/2012	8787615	07/22/2014
503.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR AUDIO WATERMARKING	13708266	12/07/2012	9117442	08/25/2015
504.	THE NIELSEN COMPANY (US), LLC	APPARATUS AND METHODS FOR PRESENTATION OF STIMULUS MATERIAL	13708344	12/07/2012		

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505.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO IDENTIFY TIMES AT WHICH LIVE MEDIA EVENTS ARE DISTRIBUTED	13708476	12/07/2012	8776116	07/08/2014
506.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR ANALYZING NEURO-RESPONSE DATA AND VIRTUAL REALITY ENVIRONMENTS	13708525	12/07/2012		
507.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	13708578	12/07/2012		
508.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PERFORM IMAGE CLASSIFICATION BASED ON PSEUDORANDOM FEATURES	13708660	12/07/2012	8818112	08/26/2014
509.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR ENVIRONMENTS	13708698	12/07/2012	9020189	04/28/2015
510.	Buzzmetrics, Ltd.	METHODS AND APPARATUS TO CLASSIFY TEXT COMMUNICATIONS	13708803	01/10/2013	8909645	12/09/2014
511.	THE NIELSEN COMPANY (US), LLC	AUDIENCE MEASUREMENT APPARATUS, SYSTEM AND METHOD FOR PRODUCING AUDIENCE INFORMATION OF A MEDIA PRESENTATION	13708867	12/07/2012	8589969	11/19/2013
512.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR CREDITING A MEDIA PRESENTATION DEVICE	13718878	12/18/2012		

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513.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS AND APPARATUS TO GENERATE MARKET SEGMENTATION DATA WITH ANONYMOUS LOCATION DATA	13721321	12/20/2012	8954090	02/10/2015
514.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY IMAGES IN PRINT ADVERTISEMENTS	13721887	12/20/2012	9007647	04/14/2015
515.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS TO EXPLICITLY AND IMPLICITLY MEASURE MEDIA IMPACT	13724609	12/21/2012		
516.	THE NIELSEN COMPANY (US), LLC	AUDIO PROCESSING TECHNIQUES FOR SEMANTIC AUDIO RECOGNITION AND REPORT GENERATION	13724836	12/21/2012	9195649	11/24/2015
517.	THE NIELSEN COMPANY (US), LLC	AUDIO MATCHING WITH SEMANTIC AUDIO RECOGNITION AND REPORT GENERATION	13725004	12/21/2012	9183849	11/10/2015
518.	THE NIELSEN COMPANY (US), LLC	AUDIO DECODING WITH SUPPLEMENTAL SEMANTIC AUDIO RECOGNITION AND REPORT GENERATION	13725021	12/21/2012	9158760	10/13/2015
519.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD FOR PEER-TO-PEER DISTRIBUTION OF MEDIA EXPOSURE DATA	13728068	12/27/2012		
520.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD FOR DETERMINING METER PRESENCE UTILIZING AMBIENT FINGERPRINTS	13728252	12/27/2012		
521.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE ENGAGEMENT LEVELS OF AUDIENCE MEMBERS	13728515	12/27/2012	8769557	07/01/2014

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522.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	13728900	12/27/2012	9060671	06/23/2015
523.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	13728913	12/27/2012	8989835	03/24/2015
524.	THE NIELSEN COMPANY (US), LLC	AUDIENCE MEASUREMENT SYSTEM, METHOD AND APPARATUS WITH GRIP SENSING	13729700	12/28/2012		
525.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR PRESENCE DETECTION AND LINKING TO MEDIA EXPOSURE DATA	13729889	12/28/2012		
526.	Apple Inc.	METHODS AND APPARATUS FOR COMPRESSED AND COMPACTED VIRTUAL MEMORY	13730211	12/28/2012		
527.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	13730212	12/28/2012		
528.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	13730271	12/28/2012		
529.	THE NIELSEN COMPANY	ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS USING CENTRAL NERVOUS SYSTEM, AUTONOMIC NERVOUS SYSTEM, AND EFFECTOR DATA	13730511	12/28/2012		
530.	THE NIELSEN COMPANY (US), LLC	STIMULUS PLACEMENT SYSTEM USING SUBJECT NEURO-RESPONSE MEASUREMENTS	13730541	12/28/2012		

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531.	THE NIELSEN COMPANY (US), LLC	NEURO-PHYSIOLOGY AND NEURO-BEHAVIORAL BASED STIMULUS TARGETING SYSTEM	13730550	12/28/2012		
532.3	THE NIELSEN COMPANY (US), LLC	CONTENT BASED SELECTION AND META TAGGING OF ADVERTISEMENT BREAKS	13730564	12/28/2012		
533.	THE NIELSEN COMPANY (US), LLC	APPARATUS, SYSTEM AND METHODS FOR PORTABLE DEVICE TRACKING USING TEMPORARY PRIVILEGED ACCESS	13731607	12/31/2012		
534.	THE NIELSEN COMPANY (US), LLC	APPARATUS, SYSTEM AND METHOD FOR LOCATION DETECTION AND USER IDENTIFICATION FOR MEDIA EXPOSURE DATA	13731882	12/31/2012		
535.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO IDENTIFY CANDIDATES FOR TARGETED ADVERTISING IN AN ONLINE SOCIAL GAMING ENVIRONMENT	13738469	01/10/2013		
536.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE THE EFFECTS OF TRADE PROMOTIONS ON SUBSEQUENT SALES	13750429	01/25/2013		
537.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND ARTICLES OF MANUFACTURE TO MEASURE ONLINE AUDIENCES	13750775	01/25/2013		
538.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT MEDIA IDENTIFYING DATA	13754408	01/30/2013	9148695	09/29/2015
539.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR IMPRESSIONS OF SOCIAL MEDIA MESSAGES	13756141	01/31/2013		

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540.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE AN ADJUSTMENT FACTOR FOR MEDIA IMPRESSIONS	13756493	01/31/2013	9118542	08/25/2015
541.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY WIRELESS SUBSCRIBER ACTIVITY STATUS	13757255	02/01/2013	8792855	07/29/2014
542.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MAINTAIN AUDIENCE PRIVACY WHILE DETERMINING VIEWING OF VIDEO-ON-DEMAND PROGRAMS	13762025	02/07/2013	8707340	04/22/2014
543.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR EFFICIENT EXECUTION OF MODULES	13763333	02/08/2013		
544.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	13767548	02/14/2013		
545.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO SAMPLE MARKETS BASED ON AERIAL IMAGES	13774784	02/22/2013		
546.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ANALYZE MARKETS BASED ON AERIAL IMAGES	13774790	02/22/2013		
547.	THE NIELSEN COMPANY (US), LLC	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	13776402	02/25/2013	8761301	06/24/2014
548.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	13778108	02/26/2013		

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549.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD FOR GATHERING AND ANALYZING BIOMETRIC USER FEEDBACK FOR USE IN SOCIAL MEDIA AND ADVERTISING APPLICATIONS	13779497	02/27/2013		
550.	THE NIELSEN COMPANY (US), LLC	METHOD AND SYSTEM FOR GATHERING AND COMPUTING AN AUDIENCE'S NEUROLOGICALLY-BASED REACTIONS IN A DISTRIBUTED FRAME WORK INVOLVING REMOTE STORAGE AND COMPUTING	13779528	02/27/2013		
551.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE AUDIENCE DUPLICATION IN CROSS-MEDIA CAMPAIGNS	13779717	02/27/2013	8973023	03/03/2015
552.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE IN-AISLE LOCATIONS IN MONITORED ENVIRONMENTS	13781096	02/28/2013		
553.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR IDENTIFYING A USER OF AN ELECTRONIC DEVICE	13781236	02/28/2013		
554.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY MEASURING A CREST FACTOR	13782895	03/01/2013	9021516	04/28/2015
555.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO MONITOR ENVIRONMENTS	13787314	03/06/2013		

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556.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY DETECTING SIGNAL DISTORTION	13791432	03/08/2013	9118960	08/25/2015
557.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO MOBILE ADVERTISEMENTS	13793771	03/11/2013		
558.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	13793959	03/11/2013		
559.	THE NIELSEN COMPANY (US), LLC	DOWN-MIXING COMPENSATION FOR AUDIO WATERMARKING	13793962	03/11/2013	9093064	07/28/2015
560.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	13793974	03/11/2013		
561.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	13793983	03/11/2013	9197421	11/24/2015
562.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	13793991	03/11/2013		
563.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS AND APPARATUS TO SELECT STORE SITES	13795464	03/12/2013		
564.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CALCULATE A PROBABILITY OF INDEX CONSISTENCY	13795493	03/12/2013		
565.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO EVALUATE MODEL STABILITY AND FIT	13796089	03/12/2013		
566.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO DETECT SHAPES	13797010	03/12/2013		

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567.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO USE SCENT TO IDENTIFY AUDIENCE MEMBERS	13797212	03/12/2013		
568.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR MIXING COMPRESSED DIGITAL BIT STREAMS	13800249	03/13/2013	9191581	11/17/2015
569.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY ANALYZING SOUND PRESSURE LEVELS	13801176	03/13/2013	9219969	12/22/2015
570.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO PREDICT PURCHASING BEHAVIOR	13801401	03/13/2013		
571.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR PRODUCTS IN STORES	13802105	03/13/2013		
572.	THE NIELSEN COMPANY (US), LLC	NETWORK SERVER ARRANGEMENT FOR PROCESSING NON-PARAMETRIC, MULTIDIMENSIONAL, SPATIAL AND TEMPORAL HUMAN BEHAVIOR OR TECHNICAL OBSERVATIONS MEASURED PERVASIVELY, AND RELATED METHOD FOR THE SAME	13806820	12/24/2012	9148458	09/29/2015
573.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PRESENT SUPPLEMENTAL MEDIA ON A SECOND SCREEN	13827943	03/14/2013	8966521	02/24/2015
574.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR REDUCING CREDITING ERRORS DUE TO SPILLOVER USING AUDIO CODES AND/OR SIGNATURES	13828702	03/14/2013	9191704	11/17/2015
575.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO SEARCH DATASETS	13828780	03/14/2013	9002886	04/07/2015

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576.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	13828971	03/14/2013		
577.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE A NUMBER OF PEOPLE IN AN AREA	13829067	03/14/2013	9179185	11/03/2015
578.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO LOGOS IN VEHICLE RACES	13829313	03/14/2013	9100720	08/04/2015
579.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHY BASED ON AERIAL IMAGES	13829625	03/14/2013	9082014	07/14/2015
580.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE GEOGRAPHICAL FEATURES USING AN IMAGE OF A GEOGRAPHICAL LOCATION	13829644	03/14/2013		
581.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	13829849	03/14/2013		
582.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO MONITOR MOBILE DEVICES	13833677	03/15/2013		
583.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO INCORPORATE SATURATION EFFECTS INTO MARKETING MIX MODELS	13835695	03/15/2013		
584.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO MONITOR MEDIA DEVICES	13836096	03/15/2013		

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585.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE EFFICIENCIES OF MEDIA DELIVERY ACROSS PLATFORMS	13837148	03/15/2013		
586.	THE NIELSEN COMPANY (US), LLC	DETERMINING AUDIENCE REACH FOR INTERNET MEDIA	13837436	03/15/2013		
587.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	13837441	03/15/2013	9197930	11/24/2015
588.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO SUPPLEMENT WEB CRAWLING WITH CACHED DATA FROM DISTRIBUTED DEVICES	13837510	03/15/2013		
589.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD FOR AUTOMATIC SUB-PANEL CREATION AND MANAGEMENT	13837658	03/15/2013		
590.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ALIGN PANELIST DATA WITH RETAILER SALES DATA	13837746	03/15/2013		
591.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE FEATURE USAGE ON WEBSITES	13838168	03/15/2013		
592.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO UPDATE A REFERENCE DATABASE	13839722	03/15/2013		
593.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CREDIT USAGE OF MOBILE DEVICES	13840543	03/15/2013		
594.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CREDIT INTERNET USAGE	13840594	03/15/2013		
595.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY A TYPE OF MEDIA PRESENTED BY A MEDIA PLAYER	13840807	03/15/2013		

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596.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY COMPANION MEDIA INTERACTION	13840941	03/15/2013		
597.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE AUDIENCE ENGAGEMENT WITH MEDIA	13841047	03/15/2013		
598.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO INTEGRATE TAGGED MEDIA IMPRESSIONS WITH PANELIST INFORMATION	13841762	03/15/2013		
599.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CLASSIFY AUDIO	13841920	03/15/2013		
600.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO METER VIDEO GAME PLAY	13847860	03/20/2013	8784207	07/22/2014
601.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COUNT PERSONS IN A MONITORED ENVIRONMENT	13854465	04/01/2013		
602.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT DIFFERENCES BETWEEN IMAGES	13867765	04/22/2013	9076070	07/07/2015
603.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT USER ATTENTIVENESS TO HANDHELD COMPUTING DEVICES	13893027	05/13/2013	8869183	10/21/2014
604.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	13907278	05/31/2013	9136965	09/15/2015
605.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR PERFORMING VARIABLE BLOCK LENGTH WATERMARKING OF MEDIA	13907286	05/31/2013		

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606.	THE NIELSEN COMPANY (US), LLC and Telephia	METHODS AND APPARATUS FOR COLLECTING INFORMATION ABOUT PORTABLE DEVICE USAGE	13914278	06/10/2013		
607.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR PROVIDING PERSONALIZED MEDIA IN VIDEO	13914571	06/10/2013	8955010	02/10/2015
608.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	13915381	06/11/2013	9215288	12/15/2015
609.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	13921962	06/19/2013		
610.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR AUDIENCE MEASUREMENT ANALYSIS	13925493	06/24/2013		
611.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	13930799	06/28/2013		
612.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY MEDIA DEVICES	13931750	06/28/2013		
613.	THE NIELSEN COMPANY (US), LLC	ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS USING MAGNETOENCEPHALOGRAPHY	13945357	07/18/2013		
614.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DISTINGUISH BETWEEN PARENT AND CHILD WEBPAGE ACCESSES AND/OR BROWSER TABS IN FOCUS	13953176	07/29/2013		

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615.	THE NIELSEN COMPANY (US), LLC	SYSTEMS APPARATUS AND METHODS FOR DETERMINING COMPUTER APPARATUS USAGE VIA PROCESSED VISUAL INDICIA	13955163	07/31/2013		
616.	THE NIELSEN COMPANY (US), LLC	SYSTEMS APPARATUS AND METHODS FOR ENCODING/DECODIN G PERSISTENT UNIVERSAL MEDIA CODES TO ENCODED AUDIO	13955245	07/31/2013		
617.	THE NIELSEN COMPANY (US), LLC	APPARATUS, SYSTEM AND METHOD FOR READING CODES FROM DIGITAL AUDIO ON A PROCESSING DEVICE	13955438	07/31/2013		
618.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE A BASE STATION LOCATION	13957164	08/01/2013	9100926	08/04/2015
619.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	13965805	08/13/2013		
620.	THE NIELSEN COMPANY (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	13968661	08/16/2013		
621.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	13995864	12/16/2013	8954536	02/10/2015
622.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR PRODUCTS IN STORES	14006659	08/05/2014		
623.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE DEMOGRAPHIC DISTRIBUTIONS OF ONLINE USERS	14014044	08/29/2013		
624.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS	14014050	08/29/2013		

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625.	THE NIELSEN COMPANY (US), LLC	NETWORK-BASED METHODS AND SYSTEMS FOR PANEL OF PERSONS OPERATING UNDER A GROUP AGREEMENT INITIATING A RESEARCH	14015328	08/30/2013	8799054	08/05/2014
626.	THE NIELSEN COMPANY (US), LLC	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	14015664	08/30/2013		
627.	THE NIELSEN COMPANY (US), LLC	APPARATUS, SYSTEM AND METHOD FOR MERGING CODE LAYERS FOR AUDIO ENCODING AND DECODING	14023221	09/10/2013		
628.	THE NIELSEN COMPANY (US), LLC	APPARATUS, SYSTEM AND METHOD FOR MERGING CODE LAYERS FOR AUDIO ENCODING AND DECODING AND ERROR CORRECTION THEREOF	14023226	09/10/2013	9015563	04/21/2015
629.	THE NIELSEN COMPANY (US), LLC	APPARATUS, SYSTEM AND METHOD FOR MODIFIABLE OBSERVATIONAL LOGIC FOR MOBILE TERMINAL DATA ANALYSIS AND DISTRIBUTION	14024794	09/12/2013		
630.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	14025567	09/12/2013		
631.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS	14025575	09/12/2013		
632.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT WIRELESS INFORMATION	14026777	09/13/2013	9008586	04/14/2015

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633.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ADAPTIVELY SELECT SENSOR(S) TO GATHER AUDIENCE MEASUREMENT DATA BASED ON A VARIABLE SYSTEM FACTOR AND A QUANTITY OF DATA COLLECTIBLE BY THE SENSORS	14027964	09/16/2013	9088821	07/21/2015
634.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT POP-UP/POP-UNDER WINDOWS IN A BROWSER	14031944	09/19/2013		
635.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	14041613	09/30/2013		
636.	THE NIELSEN COMPANY (US), LLC	PROGRAM TELECAST MONITORING USING WATERMARKS	14041809	09/30/2013	9106978	08/11/2015
637.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION	14047971	10/07/2013		
638.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO RANK WEB SITE INFLUENCE	14052404	10/11/2013	9218421	12/22/2015
639.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	14053134	10/14/2013	9220008	12/22/2015
640.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO VERIFY CONSUMPTION OF PROGRAMMING CONTENT	14062647	10/24/2013		
641.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	14073656	11/06/2013		

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642.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	14074499	11/07/2013		
643.	THE NIELSEN COMPANY (US), LLC	DATA INSERTION APPARATUS AND METHODS FOR USE WITH COMPRESSED AUDIO/VIDEO DATA	14089266	11/25/2013		
644.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR TRANSCODING METADATA	14089279	11/25/2013		
645.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	14093184	11/29/2013		
646.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR METERING AND ANALYZING ENERGY CONSUMPTION OF EVENTS WITHIN A PORTABLE DEVICE	14093338	11/29/2013		
647.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	14127414	12/18/2013	8930701	01/06/2015
648.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA	14132626	12/18/2013		
649.	THE NIELSEN COMPANY (US), LLC	DETECTING MEDIA WATERMARKS IN MAGNETIC FIELD DATA	14133069	12/18/2013		
650.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE A TELECOMMUNICATIONS ACCOUNT STATUS	14134815	12/19/2013		
651.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS, AND APPARATUS TO SYNCHRONIZE ACTIONS OF AUDIO SOURCE MONITORS	14136371	12/20/2013		

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652.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	14136748	12/20/2013		
653.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR USING AUDIENCE MEMBER BEHAVIOR INFORMATION TO DETERMINE COMPLIANCE WITH AUDIENCE MEASUREMENT SYSTEM USAGE REQUIREMENTS	14137076	12/20/2013	9167298	10/20/2015
654.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR USING AUDIENCE MEMBER BEHAVIOR INFORMATION TO DETERMINE COMPLIANCE WITH AUDIENCE MEASUREMENT SYSTEM USAGE REQUIREMENTS	14137190	12/20/2013	9118962	08/25/2015
655.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO EVALUATE ADVERTISING CAMPAIGNS	14138858	12/23/2013		
656.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY WIRELESS CARRIER PERFORMANCE EFFECTS	14138907	12/23/2013	9185589	11/10/2015
657.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR DETECTING SPACE-SHIFTED MEDIA ASSOCIATED WITH A DIGITAL RECORDING/PLAYBACK DEVICE	14139029	12/23/2013		
658.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY USERS ASSOCIATED WITH DEVICE APPLICATION USAGE	14139281	12/23/2013		

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659.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR DETECTING A COMPOSITION OF AN AUDIENCE OF AN INFORMATION PRESENTING DEVICE	14139379	12/23/2013	8824740	09/02/2014
660.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE AN AUDIENCE OF AN ONLINE MEDIA SERVICE	14140145	12/24/2013		
661.	THE NIELSEN COMPANY (US), LLC	APPARATUS AND METHODS FOR ILLUMINATING DISPLAY PANELS OF ELECTRONIC DEVICES	14140195	12/24/2013	9016906	04/28/2015
662.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	14141400	12/26/2013	9210230	12/08/2015
663.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT UNINSTALLATION OF AN ON-DEVICE METER	14141402	12/26/2013		
664.	THE NIELSEN COMPANY (US), LLC	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	14141641	12/27/2013	9210416	12/08/2015
665.	THE NIELSEN COMPANY (US), LLC	DIGITAL VIDEO SIGNATURE APPARATUS AND METHODS FOR USE WITH VIDEO PROGRAM IDENTIFICATION SYSTEMS	14141716	12/27/2013	9015742	04/21/2015
666.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF USERS EMPLOYING SOCIAL MEDIA	14142411	12/27/2013		
667.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DE-DUPLICATE IMPRESSION INFORMATION	14144149	12/30/2013		

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668.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR, VERIFY, AND RATE THE PERFORMANCE OF AIRINGS OF COMMERCIALS	14144189	12/30/2013	9064270	06/23/2015
669.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO PERFORM AUDIO WATERMARK DECODING	14144279	12/30/2013		
670.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND SYSTEMS TO COLLECT AUDIENCE MEASUREMENT DATA	14144341	12/30/2013	9055334	06/09/2015
671.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	14144352	12/30/2013		
672.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN AN AUDIENCE	14144624	12/31/2013		
673.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO MEASURE MARKETING CROSS- BRAND IMPACT USING NEUROLOGICAL DATA	14144960	12/31/2013		
674.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CREATE A PANEL OF MEDIA DEVICE USERS	14145452	12/31/2013		
675.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD FOR ESTIMATING PREVALENCE OF DIGITAL CONTENT ON THE WORLDWIDE-WEB	14147618	01/06/2014		
676.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO GENERATE PRODUCT RECOMMENDATIONS	14148266	01/06/2014		

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677.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE AN OPERATIONAL STATUS OF A DEVICE	14148278	01/06/2014		
678.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT MEDIA EXPOSURE INFORMATION	14157484	01/16/2014	9172997	10/27/2015
679.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR MAPPING LOCATIONS OF WIRELESS TRANSMITTERS FOR USE IN GATHERING MARKET RESEARCH DATA	14175918	02/07/2014	9092804	07/28/2015
680.	THE NIELSEN COMPANY (US), LLC	NEURO-RESPONSE DATA SYNCHRONIZATION	14177698	02/11/2014		
681.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	14188245	02/24/2014	9015743	04/21/2015
682.	THE NIELSEN COMPANY (US), LLC	COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS	14188250	02/24/2014		
683.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	14192852	02/27/2014		
684.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BROADCAST MEDIA CONTENT	14195547	03/03/2014		

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685.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY LINEAR AND NON-LINEAR MEDIA PRESENTATIONS	14212630	03/14/2014		
686.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DISCRIMINATE BETWEEN LINEAR AND NON-LINEAR MEDIA	14212646	03/14/2014		
687.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR AUDIENCE MEASUREMENT USING GLOBAL SIGNATURE REPRESENTATION AND MATCHING	14223526	03/24/2014		
688.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MAINTAIN AUDIENCE PRIVACY WHILE DETERMINING VIEWING OF VIDEO-ON-DEMAND PROGRAMS	14223560	03/24/2014		
689.	THE NIELSEN COMPANY (US), LLC	SHORT IMAGERY TASK (SIT) RESEARCH METHOD	14230418	03/31/2014		
690.	THE NIELSEN COMPANY (US), LLC	RESEARCH DATA GATHERING	14236848	02/03/2014		
691.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT ENGAGEMENT WITH MEDIA PRESENTED ON WEARABLE MEDIA DEVICES	14250068	04/10/2014		
692.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COUNT AUDIENCE MEMBERS	14253596	04/15/2014	9066136	06/23/2015
693.	THE NIELSEN COMPANY (US), LLC	RESEARCH DATA GATHERING WITH A PORTABLE MONITOR AND A STATIONARY DEVICE	14253646	04/15/2014		
694.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DE-DUPLICATE IMPRESSION INFORMATION	14261082	04/24/2014		

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695.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	14261085	04/24/2014		
696.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR GATHERING RESEARCH DATA	14262315	04/25/2014		
697.	THE NIELSEN COMPANY (US), LLC	SIMULCAST RESOLUTION IN CONTENT MATCHING SYSTEMS	14263497	04/28/2014	9131270	09/08/2015
698.	THE NIELSEN COMPANY (US), LLC	DETECTING OBJECTS IN IMAGES USING COLOR HISTOGRAMS	14263501	04/28/2014	8953884	02/10/2015
699.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO WIRELESSLY METER AUDIO/VISUAL DEVICES	14277456	05/14/2014	9015740	04/21/2015
700.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS AND APPARATUS FOR MULTI-PURPOSE METERING	14280949	05/19/2014	9055336	06/09/2015
701.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	14281104	05/19/2014		
702.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE ENGAGEMENT LEVELS OF AUDIENCE MEMBERS	14281139	05/19/2014		
703.	THE NIELSEN COMPANY (US), LLC	SCENE-BASED PEOPLE METERING FOR AUDIENCE MEASUREMENT	14281429	05/19/2014		
704.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO IDENTIFY TIMES AT WHICH LIVE MEDIA EVENTS ARE DISTRIBUTED	14290395	05/29/2014		
705.	THE NIELSEN COMPANY (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	14299794	06/09/2014	9106952	08/11/2015

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706.	THE NIELSEN COMPANY (US), LLC	MOTION DETECTOR MODULE	14302085	06/11/2014		
707.	THE NIELSEN COMPANY (US), LLC	MEDIA EXPOSURE LINKING UTILIZING BLUETOOTH SIGNAL CHARACTERISTICS	14303032	06/12/2014		
708.	THE NIELSEN COMPANY (US), LLC	PROBABILISTIC METHODS AND APPARATUS TO DETERMINE THE STATE OF A MEDIA DEVICE	14307152	06/17/2014		
709.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CHARACTERIZE HOUSEHOLDS WITH MEDIA METER DATA	14313390	06/24/2014	9185435	11/10/2015
710.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CHARACTERIZE HOUSEHOLDS WITH MEDIA METER DATA	14313414	06/24/2014		
711.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CHARACTERIZE HOUSEHOLDS WITH MEDIA METER DATA	14313434	06/24/2014		
712.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CHARACTERIZE HOUSEHOLDS WITH MEDIA METER DATA	14313457	06/24/2014		
713.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO GENERATE AND USE CONTENT-AWARE WATERMARKS	14324901	07/07/2014	9042598	05/26/2015
714.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	14329779	07/11/2014		
715.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR NONINTRUSIVE MONITORING OF WEB BROWSER USAGE	14330655	07/14/2014		
716.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	14330681	07/14/2014	9202256	12/01/201

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717.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO SCAN A WIRELESS COMMUNICATION SPECTRUM	14334143	07/17/2014		
718.	THE NIELSEN COMPANY (US), LLC	SYSTEM AND METHOD FOR DETERMINING BROADCAST DIMENSIONALITY	14445747	07/29/2014	9197931	11/24/2015
719.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT CARRYING OF A PORTABLE AUDIENCE MEASUREMENT DEVICE	14447980	07/31/2014		
720.	THE NIELSEN COMPANY (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEMS, APPARATUS AND METHODS	14448715	07/31/2014		
721.	THE NIELSEN COMPANY (US), LLC	DIGITAL RIGHTS MANAGEMENT SYSTEMS AND METHODS FOR AUDIENCE MEASUREMENT	14448797	07/31/2014		
722.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR METERING MEDIA FEEDS IN A MARKET	14448918	07/31/2014		
723.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	14453840	08/07/2014		
724.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS, AND APPARATUS TO CALCULATE DISTANCE FROM AUDIO SOURCES	14455968	08/11/2014	9217789	12/22/2015
725.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR ASSOCIATING MEDIA DEVICES WITH A DEMOGRAPHIC COMPOSITION OF A GEOGRAPHIC AREA	14462190	08/18/2014		
726.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE AN ADJUSTMENT FACTOR FOR MEDIA IMPRESSIONS	14463309	08/19/2014		

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727.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR CONFIGURING MEDIA DEVICES UTILIZING AUDIO CODES OR SIGNATURES	14467781	08/25/2014		
728.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO DETERMINE A NETWORK EFFICACY	14471701	08/28/2014		
729.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	14473639	08/29/2014		
730.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR SUBSCRIBER ACTIVITY	14486627	09/15/2014		
731.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ACCESS MEDIA	14488455	09/17/2014		
732.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT USER ATTENTIVENESS TO HANDHELD COMPUTING DEVICES	14495323	09/24/2014		
733.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	14500297	09/29/2014	9218612	12/22/2015
734.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE GEOGRAPHICAL FEATURES USING AN IMAGE OF A GEOGRAPHICAL LOCATION	14500365	09/29/2014		
735.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE LOCATIONS OF AUDIENCE MEMBERS	14500443	09/29/2014		

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736.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CORRECT AUDIENCE MEASUREMENT DATA	14502409	09/30/2014		
737.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CREDIT BACKGROUND APPLICATIONS	14503017	09/30/2014		
738.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR MONITORING VIDEO GAMES	14512005	10/10/2014		
739.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO MONITOR MEDIA DEVICES	14527283	10/29/2014		
740.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CORRECT MISATTRIBUTIONS OF MEDIA IMPRESSIONS	14528495	10/30/2014		
741.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	14529922	10/31/2014		
742.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DISCOVER SPECTRUM USAGE OF MOBILE CARRIERS	14537128	11/10/2014		
743.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	14537484	11/10/2014		
744.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	14537488	11/10/2014		
745.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA CONTENT USING TEMPORAL SIGNAL CHARACTERISTICS	14537566	11/10/2014		
746.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE A CROSS DEVICE AUDIENCE	14547050	11/18/2014		

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747.	THE NIELSEN COMPANY (US), LLC	IMAGE COMPARISON USING COLOR HISTOGRAMS	1455182	11/24/2014		
748.	THE NIELSEN COMPANY (US), LLC	VIDEO COMPARISON USING COLOR HISTOGRAMS	14551828	11/24/2014	9158993	10/13/2015
749.	THE NIELSEN COMPANY (US), LLC	DATA FROM NETWORK SERVER DATA FOR PARTICULAR DEMOGRAPHIC AND USAGE	14553334	11/25/2014		
750.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT COMMERCIAL ADVERTISEMENTS	14554268			
751.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR MONITORING THE INSERTION OF LOCAL	MEDIA CONTENT INTO A PROGRAM STREAM			
752.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA	14556197	11/30/2014		
753.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MODEL CONSUMER CHOICE SOURCING	14559084	12/03/2014		
754.	THE NIELSEN COMPANY (US), LLC	POWER MANAGEMENT FOR AUDIENCE MEASUREMENT METERS	14561045	12/04/2014		
755.	THE NIELSEN COMPANY (US), LLC	MAGE OVERLAYING AND COMPARISON FOR INVENTORY DISPLAY AUDITING	14561048	12/04/2014		
756.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE AUDIENCE DUPLICATION IN CROSS-MEDIA CAMPAIGNS	14562319	12/05/2014	9210130	12/08/2015
757.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	14562319	12/05/2014	9210130	12/08/2015

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758.	THE NIELSEN COMPANY (US), LLC	MONITORING MEDIA EXPOSURE USING WIRELESS COMMUNICATIONS	14570713	12/15/2014		
759.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA EXPOSURE	14577884	12/19/2014	9113205	08/18/2015
760.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS AND APPARATUS TO GENERATE MARKET SEGMENTATION DATA WITH ANONYMOUS LOCATION DATA				
761.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR DETERMINING THE OPERATING STATE OF AUDIO-VIDEO DEVICES	14606725	01/27/2015		
762.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	14610473	01/30/2015	9215978	12/22/2015
763.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CALCULATE VIDEO-ON-DEMAND AND DYNAMICALLY INSERTED ADVERTISEMENT VIEWING PROBABILITY	14618658	02/10/2015		
764.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR USAGE OF MOBILE DEVICES	14621010	02/12/2015		
765.	THE NIELSEN COMPANY (US), LLC	DISTRIBUTED AUDIENCE MEASUREMENT SYSTEMS AND METHODS	14628533	02/23/2015		
766.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO PRESENT SUPPLEMENTAL MEDIA ON A SECOND SCREEN	14628535	02/23/2015		

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767.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE MOBILE BROADBAND MARKET SHARE	14629775	02/24/2015		
768.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO SEARCH DATASETS	14631298	02/25/2015		
769.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR EMBEDDING CODES IN COMPRESSED AUDIO DATA STREAMS	14631395	02/25/2015		
770.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT CONTENT SKIPPING BY A CONSUMER OF A RECORDED PROGRAM	14633848	02/27/2015		
771.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY SESSION USERS WITH COOKIE INFORMATION	14641982	03/09/2015		
772.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY MEASURING A CREST FACTOR	14662792	03/19/2015		
773.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR BEHAVIORAL AND CONTEXTUAL DATA ANALYTICS	14669964	03/26/2015		
774.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO DETERMINE MEDIA EFFECTIVENESS	14673077	03/30/2015		
775.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE MOBILE DEVICE USAGE	14673266	03/30/201		

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776.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE AUDIENCE ENGAGEMENT INDICES ASSOCIATED WITH MEDIA PRESENTATIONS	14685260	04/13/2015		
777.	THE NIELSEN COMPANY (US), LLC	APPARATUS, SYSTEM AND METHOD FOR MERGING CODE LAYERS FOR AUDIO	14685984	04/14/2015		
778.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE SEARCH RESULTS	14686003	04/14/2015		
779.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	14686470	04/14/2015		
780.	THE NIELSEN COMPANY (US), LLC	METHODS AND SYSTEMS FOR CONDUCTING RESEARCH OPERATIONS	14698483	04/28/2015		
781.	THE NIELSEN COMPANY (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO TEXT DATA AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM TEXT DATA	14705595	05/06/2015		
782.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	61774461	03/07/2013		
783.	THE NIELSEN COMPANY (US), LLC	METHODS FOR DISCRIMINATING BETWEEN LINEAR AND NONLINEAR MEDIA CONTENT	61791481	03/15/2013		

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784.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	61810235	04/09/2013		
785.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	61813019	04/17/2013		
786.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA DEVICES	61814792	04/22/2013		
787.	THE NIELSEN COMPANY (US), LLC	METHOD FOR CORRELATING CENSUS MEASUREMENT DATA IN PANEL SAMPLES	61815544	04/24/2013		
788.	THE NIELSEN COMPANY (US), LLC	TOOLS, NEW BEHAVIORS, NEW BEHAVIORAL MEASUREMENT TOOLS: CONSTRUCTING A PANEL OF TABLET TV APP USERS	61815597	04/24/2013		
789.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE DEMOGRAPHIC DISTRIBUTIONS OF ONLINE USERS	61816599	04/26/2013		
790.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS	61817829	04/30/2013		
791.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	61821605	05/09/2013		
792.	THE NIELSEN COMPANY (US), LLC	AUDIO WATERMARK DETECTION WITH SMARTPHONE	61825495	05/20/2013		

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793.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO OPTIMIZE ADVERTISING BASED ON BRAND LIFT AND AUDIENCE CHARACTERISTICS	61828512	05/29/2013		
794.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS FOR AUDIENCE MEASUREMENT ANALYSIS	61838238	06/22/2013		
795.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO IMPUTE AUDIENCE CHARACTERISTICS	61839344	06/25/2013		
796.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO FACILITATE AMBIENT TUNING AND ON/OFF MODELING IN LOCAL MARKETS	61844301	07/09/2013		
797.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS	61845748	07/12/2013		
798.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS FOR MEDIA METERING	61861286	08/01/2013		
799.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE ONLINE AUDIENCE DEMOGRAPHICS	61864902	08/12/201		
800.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF USERS EMPLOYING SOCIAL MEDIA	61871243	08/28/2013		
801.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	61889505	10/10/2013		
802.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	61890176	10/11/2013		
803.	THE NIELSEN COMPANY (US), LLC	CREDITING BACKGROUND APPLICATIONS	61899007	11/01/2013		

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804.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MEASURE AN AUDIENCE	61906273	11/19/2013		
805.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	61918513	12/19/2013		
806.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT IMPRESSIONS USING MEDIA OBJECT CHARACTERISTICS	61920048	12/23/2013		
807.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DE-DUPLICATE IMPRESSION INFORMATION	61922090	12/30/2013		
808.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	61922340	12/31/2013		
809.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	61922584	12/31/2013		
810.	THE NIELSEN COMPANY (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY LINEAR AND NON-LINEAR MEDIA PRESENTATIONS	61922749	12/31/2013		
811.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETECT ENGAGEMENT WITH MEDIA PRESENTED ON WEARABLE MEDIA DEVICES	61923859	01/06/2014		
812.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CORRECT MISATTRIBUTIONS OF MEDIA IMPRESSIONS	61923959	01/06/2014		
813.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO CORRECT MEDIA IMPRESSIONS	61923967	01/06/2014		

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814.	THE NIELSEN COMPANY (US), LLC	REAL TIME VIDEO ON DEMAND ADVERTISEMENT INSERTION	61938617	02/11/2014		
815.	THE NIELSEN COMPANY (US), LLC	Method and system for generating information about portable device advertising	11/805,497	05/22/2007		
816.	THE NIELSEN COMPANY (US), LLC	SYSTEMS AND METHODS TO PRE-SCALE MEDIA CONTENT TO FACILITATE AUDIENCE MEASUREMENT	11/966,414	12/28/2007		
817.	THE NIELSEN COMPANY (US), LLC	METHODS, SYSTEMS, AND APPARATUS TO MANAGE MEAL PLANNING AND COUPON DISPENSING	12/833,742	07/09/2010		
818.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO MONITOR USAGE OF INTERNET ADVERTISING NETWORKS	13/630,818	09/28/2012		
819.	THE NIELSEN COMPANY (US), LLC	METHODS AND APPARATUS TO DETERMINE A TELECOMMUNICATIONS ACCOUNT STATUS	14/134,815	12/19/2013		
820.	THE NIELSEN COMPANY (US), LLC		61/923,967	01/06/2014		

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	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
1.	Gracenote, Inc.	Method and system for finding approximate matches in database	10281948	10/29/2002	7167857	01/23/2007
2.	Gracenote, Inc.	Finding database match for file based on file characteristics	09621619	07/21/2000	7228280	06/05/2007
3.	Gracenote, Inc.	Method of enhancing rendering of content item, client system and server system	09933845	08/21/2001	7904503	03/08/2011
4.	Gracenote, Inc.	Method and device for generating and detecting fingerprints for synchronizing audio and video	10566003	01/20/2006	7907211	03/15/2011
5.	Gracenote, Inc.	Method and system for media navigation	11716269	03/09/2007	7908273	03/15/2011
6.	Gracenote, Inc.	Apparatus and method for determining a prominent tempo of an audio work	12436718	05/06/2009	8071869	12/06/2011
7.	Gracenote, Inc.	Static toc indexing system and method	12961470	12/06/2010	8472289	06/25/2013
8.	Gracenote, Inc.	Methods and apparatus for determining a mood profile associated with media data	12489861	06/23/2009	8805854	08/12/2014

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
11.	Gracenote, Inc.	User interface to media files	13345615	01/06/2012	8855798	10/07/2014
12.	Gracenote, Inc.	Systems, methods, and apparatus for generating an audio-visual presentation using characteristics of audio, visual and symbolic media objects	12985690	01/06/2011	8996538	03/31/2015
13.	Gracenote, Inc.	Text detection in video	14289142	05/28/2014	9036083	05/19/2015
14.	Gracenote, Inc.	Media source identification	13224172	09/01/2011	9049496	06/02/2015
15.	Gracenote, Inc.	Synthesizing a presentation of a multimedia event	12239082	09/26/2008	9106804	08/11/2015
16.	Gracenote, Inc.	Interactive streaming content apparatus, systems and methods	13287871	11/02/2011	9160837	10/13/2015
17.	Gracenote, Inc.	Systems, methods, and apparatus for generating an audio-visual presentation using characteristics of audio, visual and symbolic media objects	14632140	02/26/2015	9213747	12/15/2015
18.	Gracenote, Inc.	Audio fingerprinting	14107923	12/16/2013	9286902	03/15/2016

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
25.	Gracenote, Inc.	Content-based association of device to user	14446559	07/30/2014	9356914	05/31/2016
26.	Gracenote, Inc.	Modifying playback of content using pre-processed profile information	14020420	09/06/2013	9380383	06/28/2016
27.	Gracenote, Inc.	Audio matching based on harmonogram	14980622	12/28/2015	9501568	11/22/2016
28.	Gracenote, Inc.	Interactive programming guide	14147320	01/03/2014	9510057	11/29/2016
29.	Gracenote, Inc.	Media source identification	14695394	04/24/2015	9560102	01/31/2017
30.	Gracenote, Inc.	Multiple step identification of recordings	10208189	07/31/2002		
31.	Gracenote, Inc.	Systems and methods for generating and employing a social media graph	13480339	05/24/2012		
32.	Gracenote, Inc.	User profile based on clustering tiered descriptors	13611740	09/12/2012		
33.	Gracenote, Inc.	Matching versions of a known song to an unknown song	13838810	03/15/2013		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
40.	Gracenote, Inc.	Inserting information into playing content	14020480	09/06/2013		
41.	Gracenote, Inc.	Media service	14135173	12/19/2013		
42.	Gracenote, Inc.	Modification of electronic system operation based on acoustic ambience classification	14147366	01/03/2014		
43.	Gracenote, Inc.	Targeted ad redistribution	14206497	03/12/2014		
44.	Gracenote, Inc.	Audio identification during performance	14258263	04/22/2014		
45.	Gracenote, Inc.	Method and device for generating and detecting fingerprints for synchronizing audio and video	14333190	07/16/2014		
46.	Gracenote, Inc.	Synthesizing a presentation of a multimedia event	14694624	04/23/2015		
47.	Gracenote, Inc.	Text detection in video	14694719	04/23/2015		
48.	Gracenote, Inc.	Machine-control of a device based on machine-detected transitions	14849370	09/09/2015		
49.	Gracenote, Inc.	Systems, methods, and apparatus for generating an audio-visual presentation using characteristics of audio, visual and symbolic media objects	14932781	11/04/2015		
50.	Gracenote, Inc.	Machine-led mood change	14980650	12/28/2015		
51.	Gracenote, Inc.	Broadcast profiling system	14982293	12/29/2015		
52.	Gracenote, Inc.	Station library creation for a media service	14986153	12/31/2015		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
56.	Gracenote, Inc.	Audio fingerprinting	15008042	01/27/2016		
57.	Gracenote, Inc.	Content-based association of device to user	15140706	04/28/2016		
58.	Gracenote, Inc.	Modifying playback of content using pre-processed profile information	15186945	06/20/2016		
59.	Gracenote, Inc.	Audio matching based on harmonogram	15298601	10/20/2016		
60.	Gracenote, Inc.	Interactive programming guide	15334752	10/26/2016		
61.	Gracenote, Inc.	Network Delivery Of Interactive Entertainment Complementing Audio Recordings	08/838,082		5,987,525	
62.	Gracenote, Inc.	Method And System For Finding Approximate Matches In Database	09/354,167		6,061,680	
63.	Gracenote, Inc.	Network Delivery Of Interactive Entertainment Complementing Audio Recordings	09/060,876		6,154,773	

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
73.	Gracenote, Inc.	System For Synchronizing Playback Of Recordings And Display By Networked Computer Systems	09/379,588		6,161,132	
74.	Gracenote, Inc.	Method And System For Accessing Remote Data Based On Playback Of Recordings	09/354,166		6,230,192	
75.	Gracenote, Inc.	Network Delivery Of Interactive Entertainment Complementing Audio Recordings	09/354,165		6,230,207	
76.	Gracenote, Inc.	Network Delivery Of Interactive Entertainment Synchronized to Playback of Audio Recordings	09/354,164		6,240,459	
77.	Gracenote, Inc.	System For Collecting Use Data Related To Playback Of Recordings	09/379,589		6,330,593	
78.	Gracenote, Inc.	Ex Parte Reexamination Of Patent No. 6,330,593	90/011,270		6,330,593	
79.	Gracenote, Inc.	Automatic Identification Of DVD Title Using Internet Technologies And Fuzzy Matching Techniques	10/002,627		6,983,289	
80.	Gracenote, Inc.	Apparatus For Analyzing An Audio Signal With Regard To Rhythm Information Of The Audio Signal By Using An Autocorrelation Function	10/713,691		7,012,183	
81.	Gracenote, Inc.	Audio Fingerprinting System And Method	10/668,926		7,013,301	
82.	Gracenote, Inc.	Method And System For Accessing Web Pages Based On Playback Of Recordings	09/820,722		7,308,485	

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
83.	Gracenote, Inc.	Automatic Identification Of Sound Recordings	10/200,034		7,328,153	
84.	Gracenote, Inc.	Efficient Storage Of Fingerprints	10/503,245		7,477,739	
85.	Gracenote, Inc.	System And Method For Recognizing Audio Pieces Via Audio Fingerprinting	11/345,548		7,487,180	
86.	Gracenote, Inc.	Fingerprint Database Updating Method, Client And Server	10/495,283		7,523,312	
87.	Gracenote, Inc.	Generating And Matching Hashes Of Multimedia Content	10/073,772		7,549,052	
88.	Gracenote, Inc.	System And Method For Generating And Using Table Of Content (TOC) Prints	11/512,625		7,590,035	
89.	Gracenote, Inc.	Sharing Music Essence In A Recommendation System	11/439,723		7,613,736	
90.	Gracenote, Inc.	Method And System For Accessing Web Pages Based On Playback Of Recordings	11/841,784		7,680,902	
91.	Gracenote, Inc.	Method Of Enhancing Rendering Of A Content Item, Client System And Server System	11/432,989		7,849,131	
92.	Gracenote, Inc.	Automatic Identification Of DVD Title Using Internet Technologies And Fuzzy Matching Techniques	10/917,686		7,856,443	
93.	Gracenote, Inc.	Automatic Identification Of Sound Recordings	12/025,373		7,881,931	
94.	Gracenote, Inc.	Generating And Matching Hashes Of Multimedia Content	11/800,904		7,921,296	
95.	Gracenote, Inc.	Method And System For Accessing Web Pages Based On Playback Of Recordings	12/686,216		7,945,645	

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
96.	Gracenote, Inc.	Music Searching Methods Based On Human Perception	09/556,086		8,326,584	
97.	Gracenote, Inc.	Method And Device For Generating And Detecting Fingerprints For Synchronizing Audio And Video	13/024,069		8,358,376	
98.	Gracenote, Inc.	Multiple Step Identification Of Recordings	12/720,537		8,468,357	

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
107.	Gracenote, Inc.	Music Searching Methods Based On Human Perception	13/667,683		8,805,657	
108.	Gracenote, Inc.	Method And Device For Generating And Detecting Fingerprints For Synchronizing Audio And Video	13/739,349		8,817,183	

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
127.	Gracenote, Inc.	Multiple Step Identification Of Recordings	12/720,550			
128.	Gracenote, Inc.	Systems And Methods To Associate Multimedia Tags With User Comments And Generate User Modifiable Snippets Around A Tag Time For Efficient Storage And Sharing Of Tagged Items	14/255,742			
129.	Gracenote, Inc.	Methods And Apparatus For Determining A Mood Profile Associated With Media Data	14/312,007			

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
136.	Gracenote, Inc.	Music Searching Methods Based On Human Perception	14/329,368			
137.	Gracenote, Inc.	User Interface To Media Files	14/462,402			
138.	Gracenote, Inc.	System And Method For Cross-Library Recommendation	14/729,514			
139.	Gracenote, Inc.	Generating And Distributing Playlists With Related Music And Stories	15/043,059			
140.	Gracenote, Inc.	Generating And Distributing Playlists With Music And Stories Having Related Moods	15/043,073			
141.	Gracenote, Inc.	Generating And Distributing A Replacement Playlist	15/043,085			
142.	Gracenote, Inc.	Selecting Balanced Clusters Of Descriptive Vectors	15/063,170			
143.	Gracenote, Inc.	Matching Audio Fingerprints	15/115,733			
144.	Gracenote, Inc.	Digital Fingerprint Indexing	15/134,071			

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148.	Gracenote, Inc.	Logo Recognition In Images And Videos	15/172,826			
149.	Gracenote, Inc.	Responding To Remote Media Classification Queries Using Classifier Models And Context Parameters	15/185,616			
150.	Gracenote, Inc.	Model-Based Media Classification Service Using Sensed Media Noise Characteristics	15/185,654			
151.	Gracenote, Inc.	Computing System With Video Content Generation Feature	15/209,452			
152.	Gracenote, Inc.	Computing System With DVE Template Selection And Video Content Item Generation Feature	15/209,483			
153.	Gracenote, Inc.	Computing System With DVE Template Selection And Video Content Item Generation Feature	15/209,490			
154.	Gracenote, Inc.	Computing System With DVE Template Selection And Video Content Item Generation Feature	15/209,515			

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
159.	Gracenote, Inc.	Audiovisual Content Curation System	15/343,884			
160.	Gracenote, Inc.	Media Source Identification	15/375,818			
161.	Gracenote, Inc.	DYNAMIC CONTENT DELIVERY BASED ON VEHICLE NAVIGATIONAL ATTRIBUTES	15/380,950			

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
170.	Gracenote, Inc.	Indexing Fingerprints	15/445,615			
171.	Gracenote, Inc.	RADIO STATION IDENTIFICATION USING GEOLOCATION AND FREQUENCY	15/474,255			
172.	Gracenote, Inc.	Generating a Video Presentation to Accompany Audio	15/474,305			
173.	Gracenote, Inc.	Synchronizing Streaming Media Content Across Devices	15/475,345			
174.	Gracenote, Inc.	Multiple Stage Audio Content Indexing	15/475,459			
175.	Gracenote, Inc.	Music Service with Motion Video	15/475,488			

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
186.	Gracenote, Inc.	Playback Settings Profile Generation	62/351,980			
187.	Gracenote, Inc.	Artist Disambiguation	62/355,522			
188.	Gracenote, Inc.	Characterizing Audio Using A Data Structure	62/381,801			
189.	Gracenote, Inc.	Systems And Methods For Generating Sporting Event Data For A Vehicle	62/382,802			
190.	Gracenote, Inc.	Audio Identification Based On Data Structure	62/385,574			
191.	Gracenote, Inc.	Overlay Detection with Recurrent Deep Neural Networks	62/418,517			
192.	Gracenote, Inc.	Overlay Detection with Recurrent Deep Neural Networks	62/421,639			
193.	Gracenote, Inc.	Lighting Effects Indicating Events and/or Mood Associated with Playing Media	62/433,018			
194.	Gracenote, Inc.	RADIO STATION IDENTIFICATION USING GEOLOCATION AND FREQUENCY	62/440,876			
195.	Gracenote, Inc.	AUTOMATED COVER SONG IDENTIFICATION	62/441,469			
196.	Gracenote Digital Ventures, LLC	Real time popularity based audible content acquisition	14196908	03/04/2014	9431002	08/30/2016
197.	Gracenote Digital Ventures, LLC	Generating a playlist based on a data generation attribute	14196870	03/04/2014	9454342	09/27/2016
198.	Gracenote Digital Ventures, LLC	Personalized News Program	14/196774	03/04/2014		
199.	Gracenote Digital Ventures, LLC	Dynamic Playout of Audible Punctuation in Connection with Playout of Playlist Content	14/196789	03/04/2014		
200.	Gracenote Digital Ventures, LLC	Use of an anticipated travel duration as a basis to generate a playlist	14/196932	03/04/2014		
201.	Gracenote Digital Ventures, LLC	Personalized News Program	14/220970	03/20/2014		
202.	Gracenote Digital Ventures, LLC	Audio File Quality and Accuracy Assessment	14/280259	05/16/2014		

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203.	Gracenote Digital Ventures, LLC	Retrieval and playout of media content	14/280337	05/16/2014		
204.	Gracenote Digital Ventures, LLC	Retrieval and playout of media content	14/280350	05/16/2014		
205.	Gracenote Digital Ventures, LLC	Use of a remainder duration as a basis to generate a playlist	14/281356	05/19/2014		
206.	Gracenote Digital Ventures, LLC	Computing device and corresponding method for generating data representing text	14/322611	07/02/2014		
207.	Gracenote Digital Ventures, LLC	Computing device and corresponding method for generating data representing text	14/322627	07/02/2014		
208.	Gracenote Digital Ventures, LLC	Computing device and corresponding method for generating data representing text	14/322633	07/02/2014		
209.	Gracenote Digital Ventures, LLC	Retrieval and playout of media content	14/341503	07/25/2014		
210.	Gracenote Digital Ventures, LLC	Retrieval and playout of media content	14/341521	07/25/2014		
211.	Gracenote Digital Ventures, LLC	Real Time Popularity Based Audible Content Acquisition	15/223278	07/29/2016		
212.	Gracenote Digital Ventures, LLC	Generating a Playlist Based on a Data Generation Attribute	15/244561	08/23/2016		
213.	Gracenote Digital Ventures, LLC		15/387327	12/21/2016		
214.	Gracenote Digital Ventures, LLC		15/387345	12/21/2016		
215.	Gracenote Digital Ventures, LLC		15/387351	12/21/2016		
216.	Gracenote Media Services, LLC	Real world/virtual world correlation system using 3D graphics pipeline	09/704387	10/31/2000	6778171	08/17/2004
217.	Gracenote Media Services, LLC	System and method for determining and notifying users of the expected time-channel for a television series	09840948	04/24/2001	7299483	11/20/2007
218.	Gracenote Media Services, LLC	Distribution of real-time entertainment scheduling data	10265564	10/04/2002	7971218	06/28/2011

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
1.	The Nielsen Company (US), LLC	Method and System for Determining Touch-point Attribution			9183562	11/10/2015
2.	The Nielsen Company (US), LLC	A Method, Computer Readable Medium and System for Determining Touchpoint Attribu-tion	13789453	03/07/2013		
3.	The Nielsen Company (US), LLC	Method, Computer Readable Medium and System for of Touchpoint Encounters	13789459	03/07/2013		
4.	The Nielsen Company (US), LLC	Marketing Portfolio Optimization	14145521	12/31/2013		
5.	The Nielsen Company (US), LLC	Performing Interactive Updates to a Precalcu-lated Cross-Channel Predictive Model	14322353	07/02/2014		
6.	The Nielsen Company (US), LLC	Apportioning a Media Campaign Contribution to a Media Channel in the Presence of Audience Saturation	14465838	08/22/2014		
7.	The Nielsen Company (US), LLC	Media Spend Optimization Using Engagement Metrics in a Cross-Channel Predictive Model	14584494	12/29/2014		
8.	The Nielsen Company (US), LLC	Real-Time Marketing Portfolio Optimization and Reapportioning	14584588	12/29/2014		
9.	The Nielsen Company (US), LLC	Validation Of Bottom-Up Attributions To Channels In An Advertising Campaign	14585728	12/30/2014		
10.	The Nielsen Company (US), LLC	Enhancing Touchpoint Attribution Accuracy Using Offline Data Onboarding	14823670	08/11/2015		
11.	The Nielsen Company (US), LLC	System For Marketing Touchpoint Attribution Bias Correction	14969773	12/15/2015		
12.	The Nielsen Company (US), LLC	Real-Time Marketing Campaign Stimuli Se-lection Based On User Response Predictions	14972801	12/17/2015		
13.	The Nielsen Company (US), LLC	Determining Touchpoint Attributions In A Segmented Media Campaign	14973246	12/17/2015		

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14.	The Nielsen Company (US), LLC	Determining Media Spend Apportionment Performance	14978403	12/22/2015		
15.	The Nielsen Company (US), LLC	Managing Digital Media Spend Allocation Using Calibrated User-Level Attribution Data	14978489	12/22/2015		
16.	The Nielsen Company (US), LLC	Managing Digital Media Spend Allocation Using Calibrated User-Level Response Data	14978609	12/22/2015		
17.	The Nielsen Company (US), LLC	Optimizing Promotional Offer Mixes Using Predictive Modeling	15132683	04/19/2016		
18.	The Nielsen Company (US), LLC	Brand Engagement Touchpoint Attribution Using Brand Engagement Event Weighting	15137628	04/25/2016		
19.	The Nielsen Company (US), LLC	Media Spend Management Using Real-Time Predictive Modeling Of Touchpoint Exposure Effects	15490751	04/18/2017		
20.	The Nielsen Company (US), LLC	Cross-Device Message Touchpoint Attribution	15490757	04/18/2017		
21.	The Nielsen Company (US), LLC	Media Spend Management Using Real-Time Predictive Modeling Of Media Spend Effects On Inventory Pricing	15491903	04/19/2017		
22.	The Nielsen Company (US), LLC	Dynamic Media Buy Optimization Using Attribution-Informed Media Buy Execution Feeds	15491908	04/19/2017		
23.	The Nielsen Company (US), LLC	Machine Learning Techniques That Identify Attribution Of Small Signal Stimulus In Noisy Response Channels	15630806	06/22/2017		
24.	The Nielsen Company (US), LLC	Cross-Channel Predictive Model	15603352	05/23/2017		

PATENTS

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
A.C. Nielsen Company, LLC	METHOD AND SYSTEM FOR MARKET RESEARCH DATA MINING	Canada	Granted	2,295,419	2014-03-04	2,295,419	2000-01-14
eXelate, Inc.	BEHAVIORAL SEGMENT OPTIMIZATION BASED ON A DATA EXCHANGE	United States of America	Granted	8,554,602	2013-10-08	12/761,779	2010-04-16
eXelate, Inc.	METHOD AND SYSTEM FOR WEBSITE ACCESS MONITORING	United States of America	Granted	8,949,980	2015-02-03	13/012,077	2011-01-24
eXelate, Inc.	METHOD AND SYSTEM USING ASSOCIATION RULES TO FORM CUSTOM LISTS OF COOKIES	United States of America	Granted	9,858,526	2018-01-02	13/782,930	2013-03-01
eXelate, Inc.	METHOD AND SYSTEM FOR SCALING PANELS	United States of America	Granted	9,269,049	2016-02-23	13/889,588	2013-05-08
Gracenote, Inc.	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO IDENTIFY SOURCES OF NETWORK STREAMING	United States of America	Allowed			15/793,543	2017-10-25
CastTV Inc.[3]	INDEXING MULTIMEDIA WEB	United States of America	Granted	8,489,609	2013-07-16	11/891,289	2007-08-08
CastTV Inc.	FACILITATING MEDIA CONTENT SEARCH	United States of America	Granted	8,489,584	2013-07-16	11/891,303	2007-08-08
CastTV Inc.	FACILITATING MEDIA CONTENT SEARCH	United States of America	Granted	9,361,374	2016-06-07	13/904,505	2013-05-29

[3] CastTV Inc. merged into Gracenote Media Services LLC.

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Gracenote, Inc.	FACILITATING VIDEO SEARCH	United States of America	Published			16/428,280	2019-05-31
CastTV Inc.	FACILITATING VIDEO SEARCH	United States of America	Granted	8,745,684	2014-06-03	11/891,301	2007-08-08
CastTV Inc.	FACILITATING VIDEO SEARCH	United States of America	Granted	9,378,280	2016-06-28	14/259,083	2014-04-22
CastTV Inc.	VIDEO MATCHING SERVICE TO OFFLINE COUNTERPART	United States of America	Granted	9,398,350	2016-07-19	13/460,477	2012-04-30
CastTV Inc.	VIDEO MATCHING SERVICE TO OFFLINE COUNTERPART	United States of America	Granted	10,229,198	2019-03-12	15/187,663	2016-06-20
CastTV Inc.	FACILITATING VIDEO SEARCH	United States of America	Granted	10,509,822	2019-12-17	15/166,918	2016-05-27
Gracenote, Inc.	VIDEO MATCHING SERVICE TO OFFLINE COUNTERPART	United States of America	Published			16/297,329	2019-03-08
CastTV Inc.	CLUSTERING MULTIMEDIA SEARCH	United States of America	Granted	8,285,718	2012-10-09	12/317,253	2008-12-19
CastTV Inc.	CLUSTERING MULTIMEDIA SEARCH	United States of America	Granted	9,098,585	2015-08-04	13/608,349	2012-09-10
Gracenote, Inc.	METHOD OF ENHANCING RENDERING OF A CONTENT ITEM, CLIENT SYSTEM AND SERVER SYSTEM	Germany (Federal Republic of)	Granted	1314110	2009-10-07	1976124.6	2001-08-13
Gracenote, Inc.	METHOD AND SYSTEM FOR OBTAINING INFORMATION	Germany (Federal Republi	Granted	2136306	2013-03-20	9172380	2001-08-13
Gracenote, Inc.	METHOD AND SYSTEM FOR	Spain	Granted	2136306	2013-03-20	9172380	2001-08-13

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	OBTAINING INFORMATION						
Gracenote, Inc.	METHOD OF ENHANCING RENDERING OF A CONTENT ITEM, CLIENT SYSTEM AND SERVER SYSTEM	France	Granted	1314110	2009-10-07	1976124.6	2001-08-13
Gracenote, Inc.	METHOD AND SYSTEM FOR OBTAINING INFORMATION	France	Granted	2136306	2013-03-20	9172380	2001-08-13
Gracenote, Inc.	METHOD AND SYSTEM FOR OBTAINING INFORMATION	United Kingdom	Granted	2136306	2013-03-20	9172380	2001-08-13
Gracenote, Inc.	METHOD OF ENHANCING RENDERING OF A CONTENT ITEM, CLIENT SYSTEM AND SERVER SYSTEM	United Kingdom	Granted	1314110	2009-10-07	1976124.6	2001-08-13
Gracenote, Inc.	METHOD AND SYSTEM FOR OBTAINING INFORMATION	Italy	Granted	2136306	2013-03-20	9172380	2001-08-13
Gracenote, Inc.	METHOD OF ENHANCING RENDERING OF A CONTENT ITEM, CLIENT SYSTEM AND SERVER SYSTEM	United States of America	Granted	7,904,503	2011-03-08	09/933,845	2001-08-21
Gracenote, Inc.	METHOD OF ENHANCING RENDERING OF A CONTENT ITEM, CLIENT SYSTEM AND SERVER SYSTEM	United States of America	Granted	7,849,131	2010-12-07	11/432,989	2006-05-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Efficient Storage Of Fingerprints	United States of America	Granted	7,477,739	2009-01-13	10/503,245	2003-01-21
Gracenote, Inc.	Efficient Storage Of Fingerprints	Patent Cooperation Treaty	Published			PCT/IB2003/000217	2003-01-21
Gracenote, Inc.	METHOD AND SYSTEM TO NAVIGATE MEDIA FROM MULTIPLE SOURCES	United States of America	Granted	7,908,273	2011-03-15	11/716,269	2007-03-09
Gracenote, Inc.	AUTOMATIC IDENTIFICATION OF DVD TITLE USING INTERNET TECHNOLOGIES AND FUZZY MATCHING TECHNIQUES	United States of America	Granted	6,983,289	2006-01-03	10/002,627	2001-12-05
Gracenote, Inc.	AUTOMATIC IDENTIFICATION OF DVD TITLE USING INTERNET TECHNOLOGIES AND FUZZY MATCHING TECHNIQUES	United States of America	Granted	7,856,443	2010-12-21	10/917,686	2004-08-13
Gracenote, Inc.	AUTOMATIC IDENTIFICATION OF SOUND RECORDINGS	Germany (Federal Republic of)	Granted	60236161	2010-04-28	2744877.8	2002-07-22
Gracenote, Inc.	AUTOMATIC IDENTIFICATION OF SOUND RECORDINGS	France	Granted	1410380	2010-04-28	2744877.8	2002-07-22
Gracenote, Inc.	AUTOMATIC IDENTIFICATION OF SOUND RECORDINGS	United Kingdom	Granted	1410380	2010-04-28	2744877.8	2002-07-22
Gracenote, Inc.	AUTOMATIC IDENTIFICATION	United States of America	Granted	7,328,153	2008-02-05	10/200,034	2002-07-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	OF SOUND RECORDINGS						
Gracenote, Inc.	AUTOMATIC IDENTIFICATION OF SOUND RECORDINGS	United States of America	Granted	7,881,931	2011-02-01	12/025,373	2008-02-04
Gracenote, Inc.	METHOD AND DEVICE FOR GENERATING AND DETECTING FINGERPRINTS FOR SYNCHRONIZING AUDIO AND VIDEO	Germany (Federal Republic of)	Granted	602004008936 2	2007-09-12	4744615.8	2004-07-20
Gracenote, Inc.	METHOD AND DEVICE FOR GENERATING AND DETECTING FINGERPRINTS FOR SYNCHRONIZING AUDIO AND VIDEO	France	Granted	1652385	2007-09-12	4744615.8	2004-07-20
Gracenote, Inc.	METHOD AND DEVICE FOR GENERATING AND DETECTING FINGERPRINTS FOR SYNCHRONIZING AUDIO AND VIDEO	United Kingdom	Granted	1652385	2007-09-12	4744615.8	2004-07-20
Gracenote, Inc.	METHOD AND DEVICE FOR GENERATING AND DETECTING FINGERPRINTS FOR SYNCHRONIZING AUDIO AND VIDEO	United States of America	Granted	7,907,211	2011-03-15	10/566,003	2004-07-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	METHOD AND DEVICE FOR GENERATING AND DETECTING FINGERPRINTS FOR SYNCHRONIZIN G AUDIO AND VIDEO	United States of America	Granted	8,358,376	2013-01-22	13/024,069	2011-02-09
Gracenote, Inc.	METHOD AND DEVICE FOR GENERATING AND DETECTING FINGERPRINTS FOR SYNCHRONIZIN G AUDIO AND VIDEO	United States of America	Granted	8,817,183	2014-08-26	13/739,349	2013-01-11
Gracenote, Inc.	MULTIPLE STEP IDENTIFICATION OF RECORDINGS	Japan	Granted	4398242	2009-10-30	2003-517800	2002-07-31
Gracenote, Inc.	MULTIPLE STEP IDENTIFICATION OF RECORDINGS	Korea, Republ ic of (KR)	Granted	10-0961461	2010-05-27	10-7001538	2002-07-31
Gracenote, Inc.	MULTIPLE STEP IDENTIFICATION OF RECORDINGS	United States of America	Granted	8,468,357	2013-06-18	12/720,537	2010-03-09
Gracenote, Inc.	MUSIC SEARCHING METHODS BASED ON HUMAN	United States of America	Granted	8,326,584	2012-12-04	09/556,086	2000-04-21
Gracenote, Inc.	MUSIC SEARCHING METHODS BASED ON HUMAN	United States of America	Granted	8,805,657	2014-08-12	13/667,683	2012-11-02
Gracenote, Inc.	APPARATUS AND METHOD FOR DETERMINING A PROMINENT TEMPO OF AN	United States of America	Granted	8,071,869	2011-12-06	12/436,718	2009-05-06

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Gracenote, Inc.	FINGERPRINT DATABASE UPDATING METHOD, CLIENT AND SERVER	United States of America	Granted	7,523,312	2009-04-21	10/495,283	2002-10-24
Gracenote, Inc.	STATIC TOC INDEXING SYSTEM AND METHOD	United States of America	Granted	8,472,289	2013-06-25	12/961,470	2010-12-06
Gracenote, Inc.	AUDIO FINGERPRINTING SYSTEM AND METHOD	United States of America	Granted	7,013,301	2006-03- 14	10/668,926	2003-09-23
Gracenote, Inc.	SYSTEM AND METHOD FOR RECOGNIZING AUDIO PIECES VIA AUDIO FINGERPRINTING	United States of America	Granted	7,487,180	2009-02-03	11/345,548	2006-01-31
Gracenote, Inc.	INTERACTIVE STREAMING CONTENT IDENTIFICATION	Germany (Federal Republi	Granted	602012065019.2	2019-10-23	12174527.7	2012-06-29
Gracenote, Inc.	INTERACTIVE STREAMING CONTENT IDENTIFICATION	European Patent	Published			19195906.3	2012-06-29
Gracenote, Inc.	INTERACTIVE STREAMING CONTENT IDENTIFICATION	France	Granted	2541961	2019-10-23	12174527.7	2012-06-29
Gracenote, Inc.	INTERACTIVE STREAMING CONTENT IDENTIFICATION	United Kingdom	Granted	2541961	2019-10-23	12174527.7	2012-06-29
Gracenote, Inc.	INTERACTIVE STREAMING CONTENT APPARATUS, SYSTEMS AND METHODS	United States of America	Granted	9,160,837	2015-10-13	13/287,871	2011-11-02

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Gracenote, Inc.	MACHINE-CONTROL OF A DEVICE BASED ON MACHINE-DETECTED TRANSITIONS	United States of America	Granted	10,134,373	2018-11-20	14/849,370	2015-09-09
Gracenote, Inc.	MACHINE-CONTROL OF A DEVICE BASED ON MACHINE-DETECTED TRANSITIONS	United States of America	Published			16/192,648	2018-11-15
Gracenote, Inc.	SYSTEM AND METHOD FOR GENERATING AND USING TABLE OF CONTENT (TOC) PRINTS	United States of America	Granted	7,590,035	2009-09-15	11/512,625	2006-08-29
Gracenote, Inc.	MEDIA SOURCE IDENTIFICATION	United States of America	Granted	9,049,496	2015-06-02	13/224,172	2011-09-01
Gracenote, Inc.	MEDIA SOURCE IDENTIFICATION	United States of America	Granted	9,560,102	2017-01-31	14/695,394	2015-04-24
Gracenote, Inc.	MEDIA SOURCE IDENTIFICATION	United States of America	Granted	9,813,751	2017-11-07	15/375,818	2016-12-12
Gracenote, Inc.	USER INTERFACE TO MEDIA FILES	United States of America	Granted	8,855,798	2014-10-07	13/345,615	2012-01-06
Gracenote, Inc.	USER INTERFACE TO MEDIA FILES	United States of America	Granted	9,891,796	2018-02-13	14/462,402	2014-08-18
Gracenote, Inc.	USER PROFILE BASED ON CLUSTERING TIERED DESCRIPTORS	European Patent	Published			19174112.3	2013-08-19
Gracenote, Inc.	USER PROFILE BASED ON CLUSTERING TIERED DESCRIPTORS	Japan	Granted	6288683	2018-02-16	2015-531940	2013-08-19

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Gracenote, Inc.	USER PROFILE BASED ON CLUSTERING TIERED DESCRIPTORS	Korea, Republic of (KR)	Application			2015-7007737	2013-08-19
Gracenote, Inc.	USER PROFILE BASED ON CLUSTERING TIERED DESCRIPTORS	United States of America	Granted	10,140,372	2018-11-27	13/611,740	2012-09-12
Gracenote, Inc.	USER PROFILE BASED ON CLUSTERING TIERED DESCRIPTORS	United States of America	Published			16/161,887	2018-10-16
Gracenote, Inc.	MODIFYING PLAYBACK OF CONTENT USING PRE-PROCESSED PROFILE INFORMATION	United States of America	Granted	9,380,383	2016-06-28	14/020,420	2013-09-06
Gracenote, Inc.	MODIFYING PLAYBACK OF CONTENT USING PRE-PROCESSED PROFILE INFORMATION	United States of America	Allowed			15/186,945	2016-06-20
Gracenote, Inc.	INSERTING INFORMATION INTO PLAYING CONTENT	United States of America	Granted	10,318,579	2019-06-11	14/020,480	2013-09-06
Gracenote, Inc.	INSERTING INFORMATION INTO PLAYING CONTENT	United States of America	Allowed			16/417,317	2019-05-20
Gracenote, Inc.	AUDIO FINGERPRINTING	United States of America	Granted	9,286,902	2016-03-15	14/107,923	2013-12-16
Gracenote, Inc.	AUDIO FINGERPRINTING	United States of America	Granted	10,229,689	2019-03-12	15/008,042	2016-01-27
Gracenote, Inc.	AUDIO FINGERPRINTING	United States of America	Allowed			16/270,113	2019-02-07

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Gracenote, Inc.	AUDIO IDENTIFICATION DURING PERFORMANCE	United States of America	Published			15/888,998	2018-02-05
Gracenote, Inc.	MODIFYING OPERATIONS BASED ON ACOUSTIC AMBIENCE CLASSIFICATION	Australia	Granted	2014374183	2020-04-30	2014374183	2014-12-18
Gracenote, Inc.	MODIFYING OPERATIONS BASED ON ACOUSTIC AMBIENCE CLASSIFICATION	Australia	Application			2020202415	2014-12-18
Gracenote, Inc.	MODIFYING OPERATIONS BASED ON ACOUSTIC AMBIENCE CLASSIFICATION	European Patent	Published			14876688.4	2014-12-18
Gracenote, Inc.	MODIFICATION OF ELECTRONIC SYSTEM OPERATION BASED ON ACOUSTIC AMBIENCE CLASSIFICATIO	United States of America	Granted	10,373,611	2019-08-06	14/147,366	2014-01-03
Gracenote, Inc.	MODIFICATION OF ELECTRONIC SYSTEM OPERATION BASED ON ACOUSTIC AMBIENCE CLASSIFICATIO	United States of America	Published			16/530,236	2019-08-02
Gracenote, Inc.	INTERACTIVE PROGRAMMING GUIDE	Australia	Granted	2014373710	2020-03-05	2014373710	2014-12-31
Gracenote, Inc.	INTERACTIVE PROGRAMMING GUIDE	United States of America	Granted	9,510,057	2016-11-29	14/147,320	2014-01-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	INTERACTIVE PROGRAMMING GUIDE	United States of America	Granted	9,877,079	2018-01-23	15/334,752	2016-10-26
Gracenote, Inc.	INTERACTIVE PROGRAMMING GUIDE	United States of America	Published			15/857,115	2017-12-28
Gracenote, Inc.	AUDIOVISUAL CONTENT CURATION SYSTEM	United States of America	Granted	10,546,016	2020-01-28	15/343,884	2016-11-04
Gracenote, Inc.	AUDIOVISUAL CONTENT CURATION SYSTEM	United States of America	Application			16/752,419	2020-01-24
Gracenote, Inc.	AUDIO MATCHING BASED ON HARMONOGRAM	United States of America	Granted	9,501,568	2016-11-22	14/980,622	2015-12-28
Gracenote, Inc.	AUDIO MATCHING BASED ON HARMONOGRAM	United States of America	Granted	10,282,471	2019-05-07	15/298,601	2016-10-20
Gracenote, Inc.	AUDIO MATCHING BASED ON HARMONOGRAM	United States of America	Allowed			16/403,202	2019-05-03
Gracenote, Inc.	MACHINE-LED MOOD CHANGE	United States of America	Granted	9,792,084	2017-10-17	14/980,650	2015-12-28
Gracenote, Inc.	MACHINE-LED MOOD CHANGE	United States of America	Granted	10,048,931	2018-08-14	15/721,161	2017-09-29
Gracenote, Inc.	MACHINE-LED MOOD CHANGE	United States of America	Granted	10,613,821	2020-04-07	16/102,143	2018-08-13
Gracenote, Inc.	MACHINE-LED MOOD CHANGE	United States of America	Application			16/837,539	2020-04-01
Gracenote, Inc.	BROADCAST PROFILING SYSTEM	United States of America	Allowed			14/982,293	2015-12-29
Gracenote, Inc.	RESPONDING TO REMOTE MEDIA CLASSIFICATION	European Patent	Published			16882570.1	2016-12-28

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	QUERIES USING CLASSIFIER MODELS AND CONTEXT PARAMETERS						
Gracenote, Inc.	SYSTEMS AND METHODS FOR MEDIA CLASSIFICATION	Japan	Published			2018-534631	2016-12-28
Gracenote, Inc.	SYSTEMS AND METHODS FOR MEDIA CLASSIFICATION	Korea, Republic of (KR)	Allowed			10-2018-7022348	2016-12-28
Gracenote, Inc.	SYSTEMS AND METHODS FOR MEDIA CLASSIFICATION	United States of America	Published	10,635,701	2020-04-28	15/185,654	2016-06-17
Gracenote, Inc.	RESPONDING TO REMOTE MEDIA CLASSIFICATION QUERIES USING CLASSIFIER MODELS AND CONTEXT PARAMETERS	United States of America	Published			15/185,616	2016-06-17
Gracenote, Inc.	INDEXING FINGERPRINTS	United States of America	Granted	10,606,879	2020-03-31	15/445,615	2017-02-28
Gracenote, Inc.	INDEXING FINGERPRINTS	United States of America	Application			16/811,626	2020-03-06
Gracenote, Inc.	DYNAMIC CONTENT DELIVERY BASED ON VEHICLE NAVIGATIONAL ATTRIBUTES	United States of America	Granted	10,393,530	2019-08-27	15/380,950	2016-12-15
Gracenote, Inc.	DYNAMIC CONTENT DELIVERY BASED ON VEHICLE NAVIGATIONAL ATTRIBUTES	United States of America	Published			16/548,573	2019-08-22

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Gracenote, Inc.	CHARACTERIZING AUDIO USING TRANSCHROMAGRAMS	United States of America	Granted	10,147,407	2018-12-04	15/689,900	2017-08-29
Gracenote, Inc.	CHARACTERIZING AUDIO USING TRANSCHROMAGRAMS	United States of America	Granted	10,475,426	2019-11-12	16/203,811	2018-11-29
Gracenote, Inc.	AUDIO IDENTIFICATION BASED ON DATA STRUCTURE	United States of America	Allowed			15/698,532	2017-09-07
Gracenote, Inc.	AUTOMATED COVER SONG IDENTIFICATION	United States of America	Published			15/698,557	2017-09-07
Gracenote, Inc.	SYSTEMS AND METHODS TO TRANSFORM EVENTS AND/OR MOOD ASSOCIATED WITH PLAYING MEDIA INTO LIGHTING EFFECTS	United States of America	Granted	10,146,100	2018-12-04	15/839,447	2017-12-12
Gracenote, Inc.	SYSTEMS AND METHODS TO TRANSFORM EVENTS AND/OR MOOD ASSOCIATED WITH PLAYING MEDIA INTO LIGHTING EFFECTS	United States of America	Granted	10,451,952	2019-10-22	16/161,830	2018-10-16
Gracenote, Inc.	SYSTEMS AND METHODS TO TRANSFORM EVENTS AND/OR MOOD ASSOCIATED WITH PLAYING MEDIA INTO	United States of America	Published			16/658,833	2019-10-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	LIGHTING EFFECTS						
Gracenote, Inc.	MATCHING AUDIO FINGERPRINTS	European Patent	Published			16906474.8	2016-07-26
Gracenote, Inc.	MATCHING AUDIO FINGERPRINTS	Japan	Published			2018-566921	2016-06-26
Gracenote, Inc.	MATCHING AUDIO FINGERPRINTS	United States of America	Published			15/115,733	2016-07-26
Gracenote, Inc.	PLAYBACK DEVICE HAVING TEXT DISPLAY AND COMMUNICATION WITH REMOTE DATABASE OF TITLES	Japan	Granted	4045330	2007-11-30	2003-537073	2002-10-04
Gracenote, Inc.	PLAYBACK DEVICE HAVING TEXT DISPLAY AND COMMUNICATION WITH REMOTE DATABASE OF TITLES	Japan	Granted	4234170	2008-12-19	2006-330002	2002-10-04
Gracenote, Inc.	APPARATUS FOR ANALYZING AN AUDIO SIGNAL WITH REGARD TO RHYTHM INFORMATION OF THE AUDIO SIGNAL BY USING AN AUTOCORRELATION FUNCTION	United States of America	Granted	7,012,183	2006-03-14	10/713,691	2003-11-14
Gracenote, Inc.	DEVICE AND METHOD FOR ANALYSING AN AUDIO SIGNAL IN VIEW OF OBTAINING	Japan	Granted	3914878	2007-02-09	2002-590149	2002-04-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	RHYTHM INFORMATION						
Gracenote, Inc.	METHOD AND DEVICE FOR THE EXTRACTION OF A MELODY ON WHICH AN AUDIO SIGNAL IS BASED	Germany (Federal Republic of)	Granted	50 2005 009 46	2010-04-21	5790019.3	2005-09-23
Gracenote, Inc.	METHOD AND DEVICE FOR THE EXTRACTION OF A MELODY ON WHICH AN AUDIO SIGNAL IS BASED	France	Granted	1797552	2010-04-21	5790019.3	2005-09-23
Gracenote, Inc.	METHOD AND DEVICE FOR THE EXTRACTION OF A MELODY ON WHICH AN AUDIO SIGNAL IS BASED	United Kingdom	Granted	1797552	2010-04-21	05790019	2005-09-23
Gracenote, Inc.	METHODS AND APPARATUS TO REDUCE NOISE FROM HARMONIC NOISE SOURCES	European Patent	Published			18201989.3	2018-10-23
Gracenote, Inc.	METHODS AND APPARATUS TO REDUCE NOISE FROM HARMONIC NOISE SOURCES	Japan	Application			2018-199320	2018-10-23
Gracenote, Inc.	METHODS AND APPARATUS TO REDUCE NOISE FROM HARMONIC NOISE SOURCES	United States of America	Granted	10,249,319	2019-04-02	15/794,870	2017-10-26
Gracenote, Inc.	METHODS AND APPARATUS TO REDUCE NOISE FROM HARMONIC NOISE SOURCES	United States of America	Allowed			16/298,633	2019-03-11
Gracenote, Inc.	Real Time Popularity Based Audible Content Acquisition	Australia	Granted	2014385233	2017-09-14	2014385233	2014-12-23

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Real Time Popularity Based Audible Content Acquisition	Canada	Granted	2939311	2019-01-15	2939311	2014-12-23
Gracenote, Inc.	Real Time Popularity Based Audible Content Acquisition	European Patent	Published			14884483.0	2014-12-23
GracenoteDigital Ventures, LLC	Real Time Popularity Based Audible Content Aquisition	United States of America	Granted	9,431,002	2016-08-30	14/196,908	2014-03-04
Gracenote, Inc.	Real Time Popularity Based Audible Content Acquisition	United States of America	Granted	10,290,298	2019-05-14	15/223,278	2016-07-29
Gracenote, Inc.	Real Time Popularity Based Audible Content Acquisition	United States of America	Application			16/237,123	2018-12-31
Gracenote, Inc.	Real Time Popularity Based Audible Content Acquisition	Patent Cooperation Treaty	Published			PCT/US14/72111	2014-12-23
Gracenote, Inc.	Use of an Anticipated Travel Duration as a Basis to Generate a Playlist	Australia	Granted	2014385236	2018-04-19	2014385236	2014-12-30
Gracenote, Inc.	Use of an Anticipated Travel Duration as a Basis to Generate a Playlist	Canada	Granted	2940394	2019-04-16	2940394	2014-12-30
Gracenote, Inc.	Use of an Anticipated Travel Duration as a Basis to Generate a Playlist	European Patent	Published			14884480.6	2014-12-30
Gracenote, Inc.	Use of an Anticipated Travel Duration as a Basis to Generate a Playlist	United States of America	Granted	9,798,509	2017-10-24	14/196,932	2014-03-04
Gracenote, Inc.	Use of an Anticipated Travel Duration as a Basis to Generate a Playlist	Patent Cooperation Treaty	Published			PCT/US2014/072652	2014-12-30
Gracenote, Inc.	Generating a Playlist Based on a Data Generation Attribute	Australia	Granted	2014385186	2017-12-07	2014385186	2014-12-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Generating a Playlist Based on a Data Generation Attribute	Canada	Granted	2941375	2018-01-16	2941375	2014-12-30
Gracenote, Inc.	Generating a Playlist Based on a Data Generation Attribute	European Patent	Published			14884638.9	2014-12-30
Gracenote, Inc.	Generating a Playlist Based on a Data Generation Attribute	United States of America	Granted	9,454,342	2016-09-27	14/196,870	2014-03-04
Gracenote, Inc.	Generating a Playlist Based on a Data Generation Attribute	United States of America	Granted	9,804,816	2017-10-31	15/244,561	2016-08-23
Gracenote, Inc.	Generating A Playlist Based On A Data Generation Attribute	Patent Cooperation Treaty	Published			PCT/US14/72812	2014-12-30
Gracenote, Inc.	Dynamic Playout of Audible Punctuation in Connection with Playout of Playlist Content	Australia	Granted	2014385226	2017-07-13	2014385226	2014-12-18
Gracenote, Inc.	Dynamic Playout of Audible Punctuation in Connection with Playout of Playlist Content	Canada	Granted	2941240	2017-12-12	2941240	2014-12-18
Gracenote, Inc.	Dynamic Playout of Audible Punctuation in Connection with Playout of Playlist Content	Germany (Federal Republic of)	Granted	3114638	2020-03-11	14884522.5	2014-12-18
Gracenote, Inc.	Dynamic Playout of Audible Punctuation in Connection with Playout of Playlist Content	European Patent	Published			19200493.5	2017-12-13
Gracenote, Inc.	Dynamic Playout of Audible Punctuation in Connection with Playout of Playlist Content	France	Granted	3114638	2020-03-11	14884522.5	2014-12-18
Gracenote, Inc.	Dynamic Playout of Audible Punctuation in Connection with	United Kingdom	Granted	3114638	2020-03-11	14884522.5	2014-12-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Playout of Playlist Content						
Gracenote, Inc.	Dynamic Playout of Audible Punctuation in Connection with Playout of Playlist Content	United States of America	Granted	9,619,198	2017-04-11	14/196,789	2014-03-04
Gracenote, Inc.	Dynamic Playout of Audible Punctuation in Connection with Playout of Playlist Content	Patent Cooperation Treaty	Published			PCT/US2014/071206	2014-12-18
Gracenote, Inc.	Computing Device and Corresponding Method for Generating Data Representing Text	Canada	Granted	2951422	2019-10-29	2951422	2014-12-30
Gracenote, Inc.	Computing Device and Corresponding Method for Generating Data Representing Text	Canada	Published			3055325	2014-12-30
Gracenote, Inc.	Computing Device and Corresponding Method for Generating Data Representing Text	Canada	Published			3055324	2014-12-30
Gracenote, Inc.	Computing Device and Corresponding Method for Generating Data Representing Text	European Patent	Published			14896731.8	2014-12-30
Gracenote, Inc.	Computing Device and Corresponding Method for Generating Data Representing Text	European Patent	Published			17154483.6	2014-12-30
Gracenote, Inc.	Computing Device and Corresponding Method for Generating Data Representing Text	European Patent	Published			17154484.4	2014-12-30

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Gracenote, Inc.	Computing Device and Corresponding Method for Generating Data Representing Text	United States of America	Granted	10,019,416	2018-07-10	14/322,611	2014-07-02
Gracenote Digital Ventures, LLC	Computing Device and Corresponding Method for Generating Data Representing Text	United States of America	Granted	10,402,476	2019-09-03	15/991,869	2018-05-29
Gracenote Digital Ventures, LLC	Computing Device and Corresponding Method for Generating Data Representing Text	United States of America	Published			16/517,033	2019-07-19
Gracenote, Inc.	Computing Device and Corresponding Method for Generating Data Representing Text	Patent Cooperation Treaty	Published			PCT/US14/72836	2014-12-30
Gracenote, Inc.	Computing Device and Corresponding Method For Generating Data Representing Text	United States of America	Granted	10,031,899	2018-07-24	14/322,627	2014-07-02
Gracenote, Inc.	Computing Device and Corresponding Method For Generating Data Representing Text	United States of America	Granted	9,798,715	2017-10-24	14/322,633	2014-07-02
Gracenote Digital Ventures, LLC	Computing Device and Corresponding Method for Generating Data Representing Text	United States of America	Granted	10,339,219	2019-07-02	15/710,556	2017-09-20
Gracenote, Inc.	Retrieval and Playout of Media Content	Australia	Granted	2014401801	2018-05-10	2014401801	2014-12-30
Gracenote, Inc.	Retrieval and Playout of Media Content	Canada	Published			2951829	2014-12-30
Gracenote, Inc.	Retrieval and Playout of Media Content	European Patent	Published			14898132.7	2014-12-30
Gracenote, Inc.	Retrieval and Playout of Media Content	United States of America	Granted	10,362,094	2019-07-23	14/341,503	2014-07-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote Digital Ventures, LLC	Retrieval and Playout of Media Content	United States of America	Published			16/433,778	2019-06-06
Gracenote, Inc.	Retrieval and Playout of Media Content	Patent Cooperation Treaty	Published			PCT/US2014/072817	2014-12-30
Gracenote, Inc.	Retrieval and Playout of Media Content	United States of America	Published			14/341,521	2014-07-25
Gracenote, Inc.	Audio File Quality and Accuracy Assessment	United States of America	Published			14/280,259	2014-05-16
Gracenote, Inc.	Retrieving and Playing Out Media Content for a Personalized Playlist Including a Content Placeholder	United States of America	Granted	10,599,705	2020-03-24	14/280,337	2014-05-16
Gracenote, Inc.	Retrieving and Playing Out Media Content for a Personalized Playlist	United States of America	Granted	10,599,706	2020-03-24	14/280,350	2014-05-16
Gracenote, Inc.	Retrieving and Playing Out Media Content for a Personalized Playlist Including a Content Placeholder	United States of America	Application			16/787,879	2020-02-11
Gracenote, Inc.	Retrieving and Playing Out Media Content for a Personalized Playlist	United States of America	Application			16/787,863	2020-02-11
Gracenote, Inc.	System and Method for Providing Content-Associated Information Associated with Broadcast Content	China	Granted	CN103229515B	2016-08-10	201180056919.7	2011-11-10
Gracenote, Inc.	System and Method for Providing Content-Associated Information	China	Granted	201610541464.2	2020-03-13	201610541464.2	2016-07-11

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Associated with Broadcast Content						
Gracenote, Inc.	System and Method for Providing Content-Associated Information Associated with Broadcast Content	Germany (Federal Republic of)	Granted	2763427	2018-01-10	602011045039.5	2011-11-10
Gracenote, Inc.	System and Method for Providing Content-Associated Information Associated with Broadcast Content	Japan	Granted	5768134	2015-06-26	2013-536544	2011-11-10
Gracenote, Inc.	System and Method for Providing Content-Associated Information Associate with Broadcast Content	Korea, Republic of (KR)	Granted	10-1310943	2013-09-11	10-2011-0096955	2011-09-26
Gracenote, Inc.	System and Method for Providing Content-Associated Information Associate with Broadcast Content	Patent Cooperation Treaty	Published			PCT/KR2011/008564	2011-11-10
Gracenote, Inc.	Method For Generating Video Markup Data On The Basis Of Video Fingerprint Information, And Method And System For Providing Information Using Same	Korea, Republic of (KR)	Granted	10-1181732	2012-09-05	10-2010-0115977	2010-11-22
Gracenote, Inc.	Method For Generating Video Markup Data On The Basis Of Video Fingerprint Information, And Method And System For Providing	Patent Cooperation Treaty	Published			PCT/KR2011/007476	2011-10-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Information Using Same						
Gracenote, Inc.	Method of Providing Moving Picture Search Service and Apparatus Thereof	China	Granted	200880024777.4	2013-08-07	200880024777.4	2008-07-18
Gracenote, Inc.	Method of Providing Moving Picture Search Service and Apparatus Thereof	Japan	Granted	5226784	2013-03-22	2010-516930	2008-07-18
Gracenote, Inc.	Method of Providing Moving Picture Search Service and Apparatus Thereof	Korea, Republic of (KR)	Granted	10-0908890	2009-07-15	10-2007-0071633	2007-07-18
Gracenote, Inc.	Method of Providing Moving Picture Search Service and Apparatus Thereof	Patent Cooperation Treaty	Published			PCT/KR2008/004222	2008-07-18
Gracenote, Inc.	Computing System with Video Content Generation Feature	United States of America	Granted	10,037,780	2018-07-31	15/209,452	2016-07-13
Gracenote, Inc.	Computing System with Video Content Generation Feature	United States of America	Granted	10,347,295	2019-07-09	16/012,618	2018-06-19
Gracenote, Inc.	Computing System with DVE Template Selection and Video Content Item Generation Feature	United States of America	Granted	9,905,267	2018-02-27	15/209,515	2016-07-13
Gracenote, Inc.	Computing System with DVE Template Selection and Video Content Item Generation Feature	United States of America	Granted	10,199,071	2019-02-05	15/868,927	2018-01-11
Gracenote, Inc.	Computing System with DVE Template Selection and Video Content Item Generation Feature	United States of America	Granted	10,629,239	2020-04-21	16/226,943	2018-12-20
Gracenote, Inc.	Computing System with DVE Template Selection and Video Content Item Generation Feature	United States of America	Application			16/853,860	2020-04-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Generating and Distributing Playlists with Related Music and Stories	China	Published			201680077485.1	2016-12-15
Gracenote, Inc.	Generating and Distributing Playlists with Music and Stories Having Related Moods	China	Published			201680077529.0	2016-12-15
Gracenote, Inc.	Generating and Distributing Playlists with Related Music and Stories	Germany (Federal Republi	Application			112016006153.6	2016-12-15
Gracenote, Inc.	Generating and Distributing Playlists with Music and Stories Having Related Moods	Germany (Federal Republic of)	Application			112016006155.2	2016-12-15
Gracenote, Inc.	Generating and Distributing Playlists with Related Music and Stories	United Kingdom	Published			1810391.1	2016-12-15
Gracenote, Inc.	Generating and Distributing Playlists with Music and Stories Having Related Moods	United Kingdom	Published			1810393.7	2016-12-15
Gracenote, Inc.	Generating and Distributing Playlists with Related Music and Stories	Hong Kong	Published			18113851.1	2018-10-30
Gracenote, Inc.	Generating and Distributing Playlists with Music and Stories Having Related Moods	Hong Kong	Published			19122960.8	2016-12-15
Gracenote, Inc.	Generating and Distributing Playlists with Related Music and Stories	India	Published			201847023321	2016-12-15
Gracenote, Inc.	Generating and Distributing Playlists with Music and	India	Published			201847023325	2016-12-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Stories Having Related Moods						
Gracenote, Inc.	Generating and Distributing Playlists with Related Music and Stories	Japan	Granted	6665303	2020-02-21	2018-532649	2016-12-15
Gracenote, Inc.	Generating and Distributing Playlists with Music and Stories Having Related Moods	Japan	Granted	6665302	2020-02-21	2018-532648	2016-12-15
Gracenote, Inc.	Generating and Distributing Playlists with Related Music and Stories	Japan	Application			2020-025923	2020-02-19
Gracenote, Inc.	Generating and Distributing Playlists with Music and Stories Having Related Moods	Japan	Application			2020-025924	2020-02-19
Gracenote, Inc.	Generating and Distributing Playlists with Related Music and Stories	Korea, Republic of (KR)	Granted	2098104	2020-04-01	2018-7019197	2016-12-15
Gracenote, Inc.	Generating and Distributing Playlists with Music and Stories Having Related Moods	Korea, Republic of (KR)	Granted	2100212	2020-04-07	2018-7019199	2016-12-15
Gracenote, Inc.	Generating and Distributing Playlists with Related Music and Stories	Korea, Republic of (KR)	Application			2020-7009459	2016-12-15
Gracenote, Inc.	Rhythm Newsbeat Integration 2	Korea, Republic of (KR)	Application			2020-7010030	2020-04-07
Gracenote, Inc.	Generating and Distributing Playlists with Related Music and Stories	United States of America	Granted	10,261,963	2019-04-16	15/043,059	2016-02-12
Gracenote, Inc.	Generating and Distributing Playlists with Music and	United States of America	Granted	10,261,964	2019-04-16	15/043,073	2016-02-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Stories Having Related Moods						
Gracenote, Inc.	Generating and Distributing a Replacement Playlist	United States of America	Granted	9,959,343	2018-05-01	15/043,085	2016-02-12
Gracenote, Inc.	Generating and Distributing a Replacement Playlist	United States of America	Granted	10,311,100	2019-06-04	15/936,104	2018-03-26
Gracenote, Inc.	Generating and Distributing Playlists with Music and Stories Having Related Moods	United States of America	Published			16/235,773	2018-12-28
Gracenote, Inc.	Generating and Distributing Playlists with Related Music and Stories	United States of America	Published			16/294,261	2019-03-06
Gracenote, Inc.	Generating and Distributing a Replacement Playlist	United States of America	Granted	10,579,671	2020-03-03	16/383,246	2019-04-12
Gracenote, Inc.	Generating and Distributing a Replacement Playlist	United States of America	Application			16/743,356	2020-01-15
Gracenote, Inc.	Generating and Distributing Playlists with Related Music and Stories	Patent Cooperation Treaty	Published			PCT/US2016/066943	2016-12-15
Gracenote, Inc.	Generating and Distributing Playlists with Music and Stories Having Related Moods	Patent Cooperation Treaty	Published			PCT/US2016/066961	2016-12-15
Gracenote, Inc.	Computing System with Channel-Change-Based Trigger Feature	China	Published			201780008900.2	2017-01-05
Gracenote, Inc.	Computing System with Content-Characteristic-Based Trigger Feature	China	Published			201780009065.4	2017-01-05
Gracenote, Inc.	Computing System with Channel-Change-Based Trigger Feature	European Patent	Published			17736335.5	2017-01-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Computing System with Content-Characteristic-Based Trigger Feature	European Patent	Published			17736337.1	2017-01-05
Gracenote, Inc.	Computing System with Channel-Change-Based Trigger Feature	Hong Kong	Published			19122959.0	2017-01-05
Gracenote, Inc.	Computing System with Channel-Change-Based Trigger Feature	Hong Kong	Published			19122961.6	2017-01-05
Gracenote, Inc.	Computing System with Channel-Change-Based Trigger Feature	Japan	Published			2018-535099	2017-01-05
Gracenote, Inc.	Computing System with Content-Characteristic-Based Trigger Feature	Japan	Published			2018-535104	2017-01-05
Gracenote, Inc.	Computing System with Channel-Change-Based Trigger Feature	Korea, Republic of (KR)	Application			10-2018-7021995	2017-01-05
Gracenote, Inc.	Computing System with Content-Characteristic-Based Trigger Feature	Korea, Republic of (KR)	Granted	2084510	2020-02-27	10-2018-7021994	2017-01-05
Gracenote, Inc.	Computing System with Content-Characteristic-Based Trigger Feature	Korea, Republic of (KR)	Application			2020-7005587	2017-01-05
Gracenote, Inc.	Computing System with Channel-Change-Based Trigger Feature	Korea, Republic of (KR)	Application			2020-7012347	2020-04-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Recurrent Deep Neural Network System for Detecting Overlays in Images	United States of America	Granted	10,503,998	2019-12-10	15/793,352	2017-10-25
Gracenote, Inc.	Recurrent Deep Neural Network System for Detecting Overlays in Images	United States of America	Published			16/699,536	2019-11-29
Gracenote, Inc.	Audio Streaming of Text-Based Articles from Newsfeeds	United States of America	Granted	10,565,980	2020-02-18	15/387,327	2016-12-21
Gracenote, Inc.	Audio Streaming of Text-Based Articles from Newsfeeds	United States of America	Application			16/730,358	2019-12-30
Gracenote, Inc.	Audio Streaming Based on In-Automobile Detection	United States of America	Granted	10,019,225	2018-07-10	15/387,345	2016-12-21
Gracenote Digital Ventures, LLC	Audio Streaming Based on In-Automobile Detection	United States of America	Granted	10,275,212	2019-04-30	16/000,446	2018-06-05
Gracenote Digital Ventures, LLC	Audio Streaming Based on In-Automobile Detection	United States of America	Granted	10,372,411	2019-08-06	16/228,857	2018-12-21
Gracenote Digital Ventures, LLC	Playlist Selection for Audio Streaming	United States of America	Published			16/447,496	2019-06-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote Digital Ventures, LLC	Saving Media for In-Automobile Playout	United States of America	Granted	10,419,508	2019-09-17	15/387,351	2016-12-21
Gracenote Digital Ventures, LLC	In-Automobile Audio System Playout of Saved Media	United States of America	Granted	10,270,826	2019-04-23	16/002,454	2018-06-07
Gracenote Digital Ventures, LLC	Saving Media for Audio Playout	United States of America	Published			16/514,555	2019-07-17
Gracenote, Inc.	Method and Apparatus for Providing Moving Image Advertisements	Japan	Granted	5328934	2013-08-02	2011-543379	2009-04-13
Gracenote, Inc.	Method and Apparatus for Providing Moving Image Advertisements	Patent Cooperation Treaty	Published			PCT/KR2009/001885	2009-04-13
Gracenote, Inc.	Apparatus And Method For Generating Image Feature Data	Korea, Republic of (KR)	Granted	10-1165357	2012-07-06	10-2011-0012741	2011-02-14
Gracenote, Inc.	Apparatus And Method For Generating Image Feature Data	Patent Cooperation Treaty	Published			PCT/KR2011/008600	2011-11-11
Gracenote, Inc.	Detecting and Responding to Rendering of Interactive Video Content	China	Published			201880038769.9	2018-05-11
Gracenote, Inc.	Detecting and Responding to Rendering of Interactive Video Content	European Patent	Published			18816920.5	2018-05-11

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Detecting and Responding to Rendering of Interactive Video Content	Japan	Application			2019-568685	2018-05-11
Gracenote, Inc.	Detecting and Responding to Rendering of Interactive Video Content	Korea, Republic of (KR)	Application			2019-7036619	2018-05-11
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Location	China	Granted	108702524	2019-06-11	201780013808.5	2017-02-28
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Single-Match	China	Granted	108702525	2019-09-27	201780013813.6	2017-02-28
Gracenote, Inc.	Media Channel Identification with Video Multi-Match Detection and Disambiguation	China	Granted	ZL201780014047.5	2019-08-30	201780014047.5	2017-02-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Based on Audio Fingerprint						
Gracenote, Inc.	Media Chanel Identification with Video Multi-Match Detection and Disambiguation Based on Time of Broadcast	China	Granted	ZL201780013811.7	2019-06-11	201780013811.7	2017-02-28
Gracenote, Inc.	Media Channel Identification and Action with Multi-Match Detection Based on Reference Stream Comparison	China	Published			201780013817.4	2017-02-28
Gracenote, Inc.	Method and System for Detecting and Responding to Changing of Media Channel	China	Published			201780014054.5	2017-02-28
Gracenote, Inc.	Media Channel Identification and Action with Multi-Media Detection and Disambiguation Based on Matching with Differential Reference-Fingerprint Feature	China	Granted	108885629	2019-11-01	201780014008.5	2017-02-28
Gracenote, Inc.	Media Chanel Identification with Video Multi-Match Detection and Disambiguation Based on Time of Broadcast	China	Published			201910491796.8	2017-02-28
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Location	China	Published			201910492421.3	2017-02-28
Gracenote, Inc.	Media Channel Identification with	China	Published			201910743945.5	2017-02-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Video Multi-Match Detection and Disambiguation Based on Audio Fingerprint						
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Single-Match	China	Published			201910849752.8	2019-09-09
Gracenote, Inc.	Media Channel Identification and Action with Multi-Media Detection and Disambiguation Based on Matching with Differential Reference-Fingerprint Feature	China	Published			201911035354.9	2019-10-29
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Location	European Patent	Published			17760596.1	2017-02-28
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Single-Match	European Patent	Published			17760606.8	2017-02-28
Gracenote, Inc.	Media Channel Identification with Video Multi-Match Detection and Disambiguation Based on Audio Fingerprint	European Patent	Published			17760594.6	2017-02-28
Gracenote, Inc.	Media Chanel Identification with Multi-Match	European Patent	Published			17760609.2	2017-02-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Detection and Disambiguation Based on Time of Broadcast						
Gracenote, Inc.	Media Channel Identification and Action with Multi-Match Detection Based on Reference Stream Comparison	European Patent	Published			17760624.1	2017-02-28
Gracenote, Inc.	Method and System for Detecting and Responding to Changing of Media Channel	European Patent	Published			17760641.5	2017-02-28
Gracenote, Inc.	Media Channel Identification and Action with Multi-Media Detection and Disambiguation Based on Matching with Differential Reference-Fingerprint Feature	Hong Kong	Published			18116199.5	2017-02-28
Gracenote, Inc.	Media Channel Identification with Video Multi-Match Detection and Disambiguation Based on Audio Fingerprint	Hong Kong	Published			18115982.8	2018-12-12
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Location	Hong Kong	Published			18116198.6	2017-02-28
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Single-Match	Hong Kong	Published			18115983.7	2018-12-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Media Chanel Identification with Video Multi-Match Detection and Disambiguation Based on Time of Broadcast	Hong Kong	Published			18116196.8	2017-02-28
Gracenote, Inc.	Media Channel Identification and Action with Multi-Match Detection Based on Reference Stream Comparison	Hong Kong	Published			18116030.8	2018-12-13
Gracenote, Inc.	Method and System for Detecting and Responding to Changing of Media Channel	Hong Kong	Published			18116197.7	2017-02-28
Gracenote, Inc.	Media Channel Identification with Video Multi-Match Detection and Disambiguation Based on Time of Broadcast	Hong Kong	Application			19129352.1	2017-02-28
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Location	Hong Kong	Application			19131577.9	2019-10-28
Gracenote, Inc.	Media Channel Identification with Video Multi-Match Detection and Disambiguation Based on Audio Fingerprint	Hong Kong	Application			42019000110.7	2019-12-19
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation	Hong Kong	Application			42020003832.1	2020-03-06

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Based on Single-Match						
Gracenote, Inc.	Media Channel Identification and Action with Multi-Media Detection and Disambiguation Based on Matching with Differential Reference-Fingerprint Feature	Hong Kong	Application			42020006281.8	2020-04-22
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Location	Japan	Granted	6556366	2019-07-19	2018-532652	2017-02-28
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Single-Match	Japan	Granted	6556364	2019-07-19	2018-532558	2017-02-28
Gracenote, Inc.	Media Channel Identification with Video Multi-Match Detection and Disambiguation Based on Audio Fingerprint	Japan	Granted	6556365	2019-07-19	2018-532651	2017-02-28
Gracenote, Inc.	Media Chanel Identification with Video Multi-Match Detection and Disambiguation Based on Time of Broadcast	Japan	Granted	6490874	2019-03-08	2018-532646	2017-02-28
Gracenote, Inc.	Media Channel Identification and Action with Multi-Match Detection Based on Reference Stream Comparison	Japan	Published			2018-532653	2017-02-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Method and System for Detecting and Responding to Changing of Media Channel	Japan	Granted	6490875	2019-03-08	2018-532647	2017-02-28
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Time of Broadcast	Japan	Published			2019-033878	2016-06-21
Gracenote, Inc.	Method and System for Detecting and Responding to Changing of Media Channel	Japan	Published			2019-033879	2018-06-21
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Single-Match	Japan	Published			2019-127486	2019-07-09
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Location	Japan	Published			2019-127487	2017-02-28
Gracenote, Inc.	Media Channel Identification with Video Multi-Match Detection and Disambiguation Based on Audio Fingerprint	Japan	Published			2019-127485	2019-07-09
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Location	Korea, Republic of (KR)	Granted	10-1994204	2019-06-24	10-2018-7026917	2017-02-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Single-Match	Korea, Republic of (KR)	Granted	10-1992705	2019-06-19	10-2018-7026919	2017-02-28
Gracenote, Inc.	Media Channel Identification with Video Multi-Match Detection and Disambiguation Based on Audio Fingerprint	Korea, Republic of (KR)	Granted	10-2024105	2019-09-17	10-2018-7026928	2017-02-28
Gracenote, Inc.	Media Chanel Identification with Video Multi-Match Detection and Disambiguation Based on Time of Broadcast	Korea, Republic of (KR)	Granted	1985826	2019-05-29	10-2018-7026922	2017-02-28
Gracenote, Inc.	Media Channel Identification and Action with Multi-Match Detection Based on Reference Stream Comparison	Korea, Republic of (KR)	Application			10-2018-7026930	2017-02-28
Gracenote, Inc.	Method and System for Detecting and Responding to Changing of Media Channel	Korea, Republic of (KR)	Granted	1922997	2018-11-22	10-2018-7026927	2017-02-28
Gracenote, Inc.	Method And System For Detecting And Responding To Changing Of Media Channel	Korea, Republic of (KR)	Granted	1969812	2019-04-11	2018-7033849	2017-02-28
Gracenote, Inc.	Method and System for Detecting and Responding to Changing of Media Channel	Korea, Republic of (KR)	Granted	2000130	2019-07-09	2019-7010400	2017-02-28
Gracenote, Inc.	Media Channel Identification with	Korea, Republi	Granted	2073679	2020-01-30	2019-7015434	2019-05-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Video Multi-Match Detection and Disambiguation Based on Time of Broadcast	c of (KR)					
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Location	Korea, Republic of (KR)	Granted	2075447	2020-02-04	2019-7018143	2019-06-24
Gracenote, Inc.	Media Channel Identification with Multi-Match Detection and Disambiguation Based on Single-Match	Korea, Republic of (KR)	Application			2019-7017586	2019-06-19
Gracenote, Inc.	Method and System for Detecting and Responding to Changing of Media Channel	Korea, Republic of (KR)	Granted	2034031	2019-10-14	2019-7019883	2017-02-28
Gracenote, Inc.	Media Channel Identification with Video Multi-Match Detection and Disambiguation Based on Audio Fingerprint	Korea, Republic of (KR)	Application			2019-7027093	2017-02-28
Gracenote, Inc.	Method and System for Detecting and Responding to Changing of Media Channel	Korea, Republic of (KR)	Application			2019-7030056	2019-07-09
Gracenote, Inc.	Media Channel Identification with Video Multi-Match Detection and Disambiguation Based on Time of Broadcast	Korea, Republic of (KR)	Application			2020-7002893	2020-01-30
Gracenote, Inc.	Media Channel Identification with	Korea, Republi	Application			2020-7003274	2020-02-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Multi-Match Detection and Disambiguation Based on Location	c of (KR)					
Gracenote, Inc.	Media Channel Identification and Action with Multi-Media Detection and Disambiguation Based on Matching with Differential Reference-Fingerprint Feature	Korea, Republic of (KR)	Application			2020-7012779	2020-05-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Synthesizing a Presentation of a Multimedia Event	United States of America	Granted	9,106,804	2015-08-11	12/239,082	2008-09-26
Gracenote, Inc.	Synthesizing a Presentation of a Multimedia Event	United States of America	Granted	9,940,973	2018-04-10	14/694,624	2015-04-23
Gracenote, Inc.	Synthesizing a Presentation from Multiple Media Clips	United States of America	Published			15/946,946	2018-04-06

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Synthesizing A Presentation From Multiple Media Clips	United States of America	Application			16/811,213	2020-03-06
Gracenote, Inc.	Synthesizing a Presentation From Multiple Media Clips	United States of America	Application			16/811,216	2020-03-06
Gracenote, Inc.	Synthesizing a Presentation From Multiple Media Clips	United States of America	Application			16/861,533	2020-04-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Method and Device for Generating and Detecting a Fingerprint Functioning as a Trigger Marker in a Multimedia Signal	Patent Cooperation Treaty	Published			PCT/IB2004/051128	2004-07-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Systems, Methods, and Apparatus for Generating an Audio-Visual Presentation Using Characteristics of Audio, Visual and Symbolic Media Objects	United States of America	Granted	8,996,538	2015-03-31	12/985,690	2011-01-06
Gracenote, Inc.	Systems, Methods, and Apparatus for Generating an Audio-Visual Presentation Using Characteristics of Audio, Visual and Symbolic Media Objects	United States of America	Granted	9,213,747	2015-12-15	14/632,140	2015-02-26
Gracenote, Inc.	Systems, Methods, and Apparatus for Generating an Audio-Visual Presentation Using Characteristics of Audio, Visual and Symbolic Media Objects	United States of America	Granted	9,753,925	2017-09-05	14/932,781	2015-11-04
Gracenote, Inc.	Methods and Apparatus for Determining a Mood Profile Associated with Media Data	United States of America	Granted	8,805,854	2014-08- 12	12/489,861	2009-06-23
Gracenote, Inc.	Methods and Apparatus for Determining a Mood Profile Associated with Media Data	United States of America	Granted	9,842,146	2017-12- 12	14/312,007	2014-06-23
Gracenote, Inc.	Methods and Apparatus for Determining a Mood Profile Associated with Media Data	United States of America	Granted	10,558,674	2020-02-11	15/807,378	2017-11-08
Gracenote, Inc.	Methods and Apparatus for Determining a Mood Profile Associated with Media Data	United States of America	Published			16/685,281	2019-11-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Sharing Music Essence in a Recommendation System	United States of America	Granted	7,613,736	2009-11-03	11/439,723	2006-05-23

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Selection of Content from a Stream of Video or Audio Data	European Patent	Published			05773404.8	2005-08-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Selection of Content from a Stream of Video or Audio Data	Patent Cooperation Treaty	Published			PCT/IB2005/052642	2005-08-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Authorizing Devices Based on Identifying Content Distributor	Australia	Granted	2013371482	2017-12-18	2013371482	2013-12-18
Gracenote, Inc.	Authorizing Devices Based on Identifying Content Distributor	Germany (Federal Republic of)	Granted	2944051	2019-06-05	13870108.1	2013-12-18
Gracenote, Inc.	Authorizing Devices Based on Identifying Content Distributor	France	Granted	2944051	2019-06-05	13870108.1	2013-12-18
Gracenote, Inc.	Authorizing Devices Based on Identifying Content Distributor	United Kingdom	Granted	2944051	2019-06-05	13870108.1	2013-12-18
Gracenote, Inc.	Authorizing Devices Based on Identifying Content Distributor	Hong Kong	Published			16105674.4	2016-05-17
Gracenote, Inc.	Authorizing Devices Based on Identifying Content Distributor	Korea, Republic of (KR)	Granted	10-2017602	2019-08-28	2015-7021476	2013-12-18
Gracenote, Inc.	Authorizing Devices Based on Identifying Content Distributor	Korea, Republic of (KR)	Granted	10-2094651	2020-03-23	2019-7025227	2013-12-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Authorizing Devices Based on Identifying Content Distributor	Korea, Republic of (KR)	Application			2020-7008195	2020-03-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Targeted Ad Redistribution	Australia	Application			2015229449	2015-03-11
Gracenote, Inc.	Targeted Ad Redistribution	European Patent	Published			15762279.6	2015-03-11
Gracenote, Inc.	Targeted Ad Redistribution	Korea, Republic of (KR)	Published			2016-7028308	2015-03-11
Gracenote, Inc.	Targeted Ad Redistribution	Patent Cooperation Treaty	Published			PCT/US2015/019955	2015-03-11
Gracenote, Inc.	Media Service	Australia	Application			2014367112	2014-11-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Media Service	European Patent	Published			14872081.6	2014-11-19
Gracenote, Inc.	Media Service	Korea, Republic of (KR)	Application			2016-7019164	2014-11-19
Gracenote, Inc.	Station Library Creaton For A Media Service	United States of America	Granted	10,108,619	2018-10-23	14/986,153	2015-12-31
Gracenote, Inc.	Station Library Creaton for a Media Service	United States of America	Published			16/135,341	2018-09-19
Gracenote, Inc.	Media Service	Patent Cooperation Treaty	Published			PCT/US2014/066428	2014-11-19
Gracenote, Inc.	Text Detection in Video	European Patent	Published			15800068.7	2015-05-27
Gracenote, Inc.	Text Detection in Video	Japan	Granted	6626843	2019-12-06	2016-569905	2015-05-27
Gracenote, Inc.	Text Detection in Video	Korea, Republic of (KR)	Application			2016-7034595	2015-05-27
Gracenote, Inc.	Text Detection in Video	United States of America	Granted	9,036,083	2015-05-19	14/289,142	2014-05-28
Gracenote, Inc.	Text Detection in Video	United States of America	Granted	9,876,982	2018-01-23	14/694,719	2015-04-23
Gracenote, Inc.	Text Detection in Video	Patent Cooperation Treaty	Published			PCT/US2015/032618	2015-05-27
Gracenote, Inc.	Content-Based Association of Device to User	European Patent	Application			20162834.4	2020-03-12
Gracenote, Inc.	Content-Based Association Of Device To User	United States of America	Granted	9,356,914	2016-05-31	14/446,559	2014-07-30
Gracenote, Inc.	Content-Based Association of Device to User	United States of America	Granted	9,769,143	2017-09-19	15/140,706	2016-04-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Content-Based Association Of Device To User	Patent Cooperation Treaty	Published			PCT/US2015/023430	2015-03-30
Gracenote, Inc.	Dynamic Video Overlays	China	Published			201680074415.0	2016-12-16
Gracenote, Inc.	Dynamic Video Overlays	European Patent	Published			16876800.0	2016-12-16
Gracenote, Inc.	Dynamic Video Overlays	Japan	Published			2018-531572	2016-12-16
Gracenote, Inc.	Dynamic Video Overlays	Korea, Republic of (KR)	Application			2018-7019944	2016-12-16
Gracenote, Inc.	Music Service with Motion Video	China	Published			201880023124.8	2018-03-30
Gracenote, Inc.	Music Service with Motion Video	European Patent	Published			18778336.0	2018-03-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Music Service with Motion Video	Hong Kong	Application			62020003788.0	2020-03-05
Gracenote, Inc.	Music Service with Motion Video	Japan	Application				2018-03-30
Gracenote, Inc.	Music Service with Motion Video	Korea, Republic of (KR)	Granted	10-2069106	2020-01-16	2019-7028691	2018-03-30
Gracenote, Inc.	Music Service with Motion Video	Korea, Republic of (KR)	Application			2020-7001487	2020-01-16
Gracenote, Inc.	Music Service with Motion Video	United States of America	Granted	10,462,512	2019-10-29	15/475,488	2017-03-31
Gracenote, Inc.	Music Service with Motion Video	United States of America	Published			16/576,612	2019-09-19
Gracenote, Inc.	Music Service with Motion Video	Patent Cooperation Treaty	Published			PCT/US2018/025392	2018-03-30
Gracenote, Inc.	Selecting Balanced Clusters Of Descriptive Vectors	United States of America	Granted	10,223,358	2019-03-05	15/063,170	2016-03-07
Gracenote, Inc.	Selecting Balanced Clusters of Descriptive Vectors	United States of America	Published			16/248,627	2019-01-15
Gracenote, Inc.	Generating a Video Presentation to Accompany Audio	China	Published			201880023483.3	2018-03-30
Gracenote, Inc.	Generating a Video Presentation to Accompany Audio	European Patent	Published			18774656.5	2018-03-30
Gracenote, Inc.	Generating a Video Presentation to Accompany Audio	Hong Kong	Application			62020003783.1	2020-03-05
Gracenote, Inc.	Generating a Video Presentation to Accompany Audio	Japan	Application			2019-553828	2018-03-30
Gracenote, Inc.	Generating a Video Presentation to Accompany Audio	Korea, Republic of (KR)	Application			2019-7028694	2018-03-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Generating a Video Presentation to Accompany Audio	United States of America	Published			15/474,305	2017-03-30
Gracenote, Inc.	Generating a Video Presentation to Accompany Audio	Patent Cooperation Treaty	Published			PCT/US2018/025397	2018-03-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	SYSTEMS, METHODS, AND APPARATUS TO	United States of America	Published			16/528,237	2019-07-31

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	IMPROVE MEDIA IDENTIFICATION						
Gracenote, Inc.	SYSTEMS, METHODS, AND APPARATUS TO IMPROVE MEDIA IDENTIFICATION	Patent Cooperation Treaty	Published			PCT/US19/49357	2019-09-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Media Fingerprinting and Identification System	United States of America	Application			16/502,857	2019-07-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Media Fingerprinting and Identification System	United States of America	Application			16/874,896	2020-05-15
Gracenote, Inc.	Media Fingerprinting and Identification System	United States of America	Application			16/869,214	2020-03-07

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Robust Audio Identification with Interference Cancellation	United States of America	Application			16/140,538	2018-09-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Systems and Methods to Associate Multimedia Tags with User Comments and Generate User Modifiable Snippets Around a Tag Time for Efficient Storage and Sharing of Tagged Items	United States of America	Granted	9,966,112	2018-05-08	14/255,742	2014-04-17
Gracenote, Inc.	Systems and Methods to Associate Multimedia Tags with User Comments and Generate User Modifiable Snippets Around a Tag Time for Efficient Storage and Sharing of Tagged Items	United States of America	Granted	10,297,286	2019-05-21	15/973,118	2018-05-07
Gracenote, Inc.	Systems and Methods to Associate Multimedia Tags with User Comments and Generate User Modifiable Snippets Around a Tag Time for Efficient Storage and Sharing of Tagged Items	United States of America	Published			16/386,015	2019-04-16
Gracenote, Inc.	Logo Recognition In Images And Video	United States of America	Granted	10,007,863	2018-06-26	15/172,826	2016-06-03
Gracenote, Inc.	Logo Recognition In Images And Video	United States of America	Granted	10,614,582	2020-04-07	16/018,011	2018-06-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Logo Recognition In Images And Videos	United States of America	Application			16/841,681	2020-04-07
Gracenote, Inc.	SYSTEM AND METHOD FOR DETERMINING AND NOTIFYING USERS OF THE EXPECTED TIME-CHANNEL FOR A TELEVISION SERIES	United States of America	Granted	7,299,483	2007-11-20	09/840,948	2001-04-24
Gracenote, Inc.	DISTRIBUTION OF REAL-TIME ENTERTAINMENT SCHEDULING DATA	Canada	Granted	2.,442,634	2012-01-31	2.,442,634	2003-09-25
Gracenote, Inc.	DISTRIBUTION OF REAL-TIME ENTERTAINMENT SCHEDULING DATA	Mexico	Granted	281,765	2010-12-07	PA/a/2003/008831	2003-09-29
Gracenote, Inc.	DISTRIBUTION OF REAL-TIME ENTERTAINMENT SCHEDULING DATA	United States of America	Granted	7,971,218	2011-06-28	10/265,564	2002-10-04
Gracenote, Inc.	SYNCHRONIZING STREAMING MEDIA CONTENT ACROSS DEVICES	United States of America	Published			15/475,345	2017-03-31
Gracenote, Inc.	Method And Apparatus For Providing Moving Image Advertisements	Korea, Republic of (KR)	Granted	1385700	2014-04-09	10-2011-7029935	2011-12-14
Gracenote, Inc.	Method And System For Clustering Moving Picture Date According To The Sameness With Each Other	Korea, Republic of (KR)	Granted	10-0842310	2008-06-24	10-2007-0060978	2007-06-21
Gracenote, Inc.	Method And Apparatus For Setting	Korea, Republi	Granted	10-0935390	2009-12-28	10-2007-0091587	2007-09-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	And Providing Advertisement Data Using Video Data Cluster	c of (KR)					
Gracenote, Inc.	Method For Providing Service For A Group Purchase Of Content	Korea, Republic of (KR)	Granted	10-1189608	2012-10-04	10-2010-0059526	2010-06-23
Gracenote, Inc.	Method of Processing Moving Picture and Apparatus Thereof	Korea, Republic of (KR)	Granted	10-0981125	2010-09-02	10-2008-0051688	2008-06-02
Gracenote, Inc.	Method And Apparatus For Generating Meta Data Of Content data	Korea, Republic of (KR)	Granted	10-1300220	2013-08-20	10-2010-0095336	2010-09-30
Gracenote, Inc.	System And Method For Providing Video Related Service Based On Image	Korea, Republic of (KR)	Granted	10-1189609	2012-10-07	10-2011-0018803	2011-03-03
Gracenote, Inc.	System And Method For Providing Video Related Service Based On Image	Korea, Republic of (KR)	Granted	10-1264733	2013-05-09	10-2012-0041725	2012-04-20
Gracenote, Inc.	System And Method For Providing Content Sharing Service Using Client Terminal	Korea, Republic of (KR)	Granted	10-1334127	2013-11-22	10-2012-0050101	2012-05-11
Gracenote, Inc.	METHOD AND APPARATUS FOR GENERATING AUDIO FINGERPINT DATA AND COMPARING AUDIO USING THE SAME	Korea, Republic of (KR)	Granted	10-0893123	2009-04-06	20070044251	2007-05-07
Gracenote, Inc.	METHODS AND APPARATUS TO PERFORM WINDOWED SLIDING TRANSFORMS	United States of America	Allowed			15/899,220	2018-02-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	METHODS AND APPARATUS TO PERFORM WINDOWED SLIDING TRANSFORMS	United States of America	Granted	10,629,213	2020-04-21	15/942,369	2018-03-30
Gracenote, Inc.	METHODS AND APPARATUS TO IDENTIFY SOURCES OF NETWORK STREAMING SERVICES USING WINDOWED SLIDING TRANSFORMS	United States of America	Application			16/843,582	2020-04-08
Gracenote, Inc.	METHODS AND APPARATUS FOR VOLUME ADJUSTMENT	United States of America	Allowed			16/241,739	2019-01-07
Gracenote, Inc.	METHODS AND APPARATUS FOR VOLUME ADJUSTMENT	Patent Cooperation Treaty	Published			PCT/US19/12524	2019-01-07
Gracenote, Inc.	METHODS AND APPARATUS TO EXTRACT A PITCH-INDEPENDENT TIMBRE ATTRIBUTE FROM A MEDIA SIGNAL	United States of America	Granted	10,186,247	2019-01-22	15/920,060	2018-03-13
Gracenote, Inc.	METHODS AND APPARATUS TO EXTRACT A PITCH-INDEPENDENT TIMBRE ATTRIBUTE FROM A MEDIA SIGNAL	United States of America	Granted	10,482,863	2019-11-19	16/239,238	2019-01-03
Gracenote, Inc.	METHODS AND APPARATUS TO EXTRACT A PITCH-	United States of America	Granted	10,629,178	2020-04-21	16/659,099	2019-10-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	INDEPENDENT TIMBRE ATTRIBUTE FROM A MEDIA SIGNAL						
Gracenote, Inc.	METHODS AND APPARATUS TO EXTRACT A PITCH-INDEPENDENT TIMBRE ATTRIBUTE FROM A MEDIA SIGNAL	United States of America	Application			16/821,567	2020-03-17
Gracenote, Inc.	METHODS AND APPARATUS TO EXTRACT A PITCH-INDEPENDENT TIMBRE ATTRIBUTE FROM A MEDIA SIGNAL	Patent Cooperation Treaty	Published			PCT/US19/21865	2019-03-12
Gracenote, Inc.	MULTIPLE STAGE INDEXING OF AUDIO CONTENT	United States of America	Published			15/475,459	2017-03-31
Gracenote, Inc.	METHODS AND APPARATUS TO FINGERPRINT AN AUDIO SIGNAL VIA NORMALIZATION	France	Application			1858041	2018-09-07
Gracenote, Inc.	METHODS AND APPARATUS TO FINGERPRINT AN AUDIO SIGNAL VIA NORMALIZATION	United States of America	Published			16/453,654	2019-06-26
Gracenote, Inc.	METHODS AND APPARATUS TO FINGERPRINT AN AUDIO SIGNAL VIA NORMALIZATION	Patent Cooperation Treaty	Published			PCT/US19/49953	2019-09-06
Gracenote, Inc.	METHODS, APPARATUS, AND ARTICLES OF	United States of America	Published			16/238,189	2019-01-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MANUFACTURE TO IDENTIFY SOURCES OF NETWORK STREAMING SERVICES						
Gracenote, Inc.	Modifying Playback of Replacement Content Responsive to Detection of Remote Control Signals That Modify Operation of the Playback Device	Taiwan	Published			108122258	2019-06-26
Gracenote, Inc.	Modifying Playback of Replacement Content Responsive to Detection of Remote Control Signals That Control a Device Providing Video to the Playback Device	Taiwan	Published			108122259	2019-06-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	a Device Providing Video to the Playback Device						
Gracenote, Inc.	Modifying Playback of Replacement Content Based on Control Messages	Taiwan	Published			108122260	2019-06-26
Gracenote, Inc.	Dynamic Control of Fingerprinting Rate to Facilitate Time-Accurate Revision of Playback Content	China	Published			201980001136.5	2019-06-07
Gracenote, Inc.	Dynamic Control of Fingerprinting Rate to Facilitate Time-Accurate Revision of Playback Content (Client Side)	China	Application			201980001137.X	2019-06-07
Gracenote, Inc.	Dynamic Control of Fingerprinting Rate to Facilitate Time-Accurate Revision of Playback Content	Taiwan	Published			108122190	2019-06-25
Gracenote, Inc.	Dynamic Control of Fingerprinting Rate to Facilitate Time-Accurate Revision of	Taiwan	Published			108122899	2019-06-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Playback Content (Client Side)						
Gracenote, Inc.	Advanced Preparation for Content Revision Based on Expected Latency in Obtaining New Content	China	Published			201980001148.8	2019-06-07
Gracenote, Inc.	Advanced Preparation for Content Revision Based on Expected	Taiwan	Published			108122188	2019-06-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Latency in Obtaining New Content						
Gracenote, Inc.	Establishment and Use of Time Mapping Based on Interpolation Using Low-Rate Fingerprinting, to Help Facilitate Frame-Accurate Content Revision	China	Published			201980001147.3	2019-06-07
Gracenote, Inc.	Establishment and Use of Time Mapping Based on Interpolation Using Low-Rate Fingerprinting, to Help Facilitate Frame-Accurate Content Revision (Client Side)	China	Application			201980001138.4	2019-06-07
Gracenote, Inc.	Establishment and Use of Time Mapping Based on Interpolation Using Low-Rate Fingerprinting, to Help Facilitate Frame-Accurate Content Revision	Taiwan	Published			108122189	2019-06-25
Gracenote, Inc.	Establishment and Use of Time	Taiwan	Published			108122901	2019-06-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Mapping Based on Interpolation Using Low-Rate Fingerprinting, to Help Facilitate Frame-Accurate Content Revision (Client Side)						

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	METHODS AND APPARATUS TO SEGMENT AUDIO AND DETERMINE AUDIO SEGMENT SIMILARITIES	United States of America	Published			16/121,034	2018-09-04
Gracenote, Inc.	Vehicle-Based Media System with Audio Advertisement and External-Device Action Synchronization Feature	United States of America	Published			16/516,045	2019-07-18
Gracenote, Inc.	Vehicle-Based Media System with Audio Advertisement and External-Device Action Synchronization Feature	Patent Cooperation Treaty	Published			PCT/US2019/043085	2019-07-23
Gracenote, Inc.	Vehicle-Based Media System with Audio Ad and Visual Content Synchronization Feature	United States of America	Application			62/714,619	2018-08-03
Gracenote, Inc.	Vehicle-Based Media System with Audio Ad and Visual Content Synchronization Feature	United States of America	Published			16/516,029	2019-07-18
Gracenote, Inc.	Vehicle-Based Media System with Audio Ad and Visual Content Synchronization Feature	Patent Cooperation Treaty	Published			PCT/US2019/043078	2019-07-23
Gracenote, Inc.	Vehicle-Based Media System with Audio Ad and Navigation-Related Action Synchronization Feature	United States of America	Published			16/516,035	2019-07-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Vehicle-Based Media System with Audio Ad and Navigation-Related Action Synchronization Feature	Patent Cooperation Treaty	Published			PCT/US2019/043083	2019-07-23
Gracenote, Inc.	Audio Playout Report for Ride-Sharing Session	United States of America	Published			16/516,048	2019-07-18
Gracenote, Inc.	Audio Playout Report for Ride-Sharing Session	Patent Cooperation Treaty	Published			PCT/US2019/043088	2019-07-23
Gracenote, Inc.	Tagging an Image with Audio-Related Metadata	United States of America	Published			16/516,053	2019-07-18
Gracenote, Inc.	Tagging an Image with Audio-Related Metadata	Patent Cooperation Treaty	Published			PCT/US2019/043089	2019-07-23
Gracenote, Inc.	METHODS AND APPARATUS FOR EFFICIENT MEDIA INDEXING	United States of America	Published			16/561,908	2019-09-05
Gracenote, Inc.	METHODS AND APPARATUS FOR EFFICIENT MEDIA INDEXING	Patent Cooperation Treaty	Published			PCT/US19/49747	2019-09-05
Gracenote, Inc.	Dynamic Playout of Transition Frames while Transitioning Between Playout of Media Streams	China	Application			201980001149.2	2019-06-07
Gracenote, Inc.	Dynamic Playout of Transition Frames while Transitioning Between Playout of Media Streams	Taiwan	Published			108122594	2019-06-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Dynamic Reduction in Playout of Replacement Content to Help Align End of Replacement Content with End of Replaced Content	China	Application			201980001150.5	2019-06-07
Gracenote, Inc.	Dynamic Reduction in Playout of Replacement Content to Help Align End of Replacement Content with End of Replaced Content	Taiwan	Published			108122595	2019-06-27
Gracenote, Inc.	METHODS AND APPARATUS FOR DYNAMIC VOLUME ADJUSTMENT VIA AUDIO CLASSIFICATION	United States of America	Published			16/563,717	2019-09-06
Gracenote, Inc.	METHODS AND APPARATUS FOR DYNAMIC VOLUME	Patent Cooperation Treaty	Published			PCT/US19/50080	2019-09-06

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ADJUSTMENT VIA AUDIO CLASSIFICATION						
Gracenote, Inc.	Methods and Systems for Sport Data Extraction	United States of America	Application			16/257,339	2019-01-25
Gracenote, Inc.	Methods and Systems for Sport Data Extraction	Patent Cooperation Treaty	Application			PCT/US2020/014871	2020-01-24
Gracenote, Inc.	Methods and Systems for Scoreboard Region Detection	United States of America	Application			16/257,373	2019-01-25
Gracenote, Inc.	Methods and Systems for Scoreboard Region Detection	Patent Cooperation Treaty	Application			PCT/US2020/014872	2020-01-24
Gracenote, Inc.	Methods and Systems for Scoreboard Text Region Detection	United States of America	Application			16/257,400	2019-01-25
Gracenote, Inc.	Methods and Systems for Scoreboard Text Region Detection	Patent Cooperation Treaty	Application			PCT/US2020/014873	2020-01-24
Gracenote, Inc.	Methods and Systems for Extracting Sport-Related Information from Digital Video Frames	United States of America	Application			16/257,424	2019-01-25
Gracenote, Inc.	Methods and Systems for Extracting Sport-Related Information from Digital Video Frames	Patent Cooperation Treaty	Application			PCT/US2020/014874	2020-01-24
Gracenote, Inc.	Methods and Systems for Determining Accuracy of Sport-Related Information Extracted from Digital Video Frames	United States of America	Application			16/257,479	2019-01-25
Gracenote, Inc.	Methods and Systems for Determining Accuracy of Sport-Related Information	Patent Cooperation Treaty	Application			PCT/US2020/014875	2020-01-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Extracted from Digital Video Frames						
Gracenote, Inc.	METHODS AND APPARATUS TO IMPROVE DETECTION OF AUDIO SIGNATURES	United States of America	Application			16/455,025	2019-06-27
Gracenote, Inc.	METHODS AND APPARATUS TO ADJUST AUDIO PLAYBACK SETTINGS BASED ON ANALYSIS OF AUDIO CHARACTERISTICS	United States of America	Published			16/661,973	2019-10-23
Gracenote, Inc.	METHODS AND APPARATUS TO ADJUST AUDIO PLAYBACK SETTINGS BASED ON ANALYSIS OF AUDIO CHARACTERISTICS	Patent Cooperation Treaty	Published			PCT/US19/57736	2019-10-23
Gracenote, Inc.	Detection of Mute and Compensation Therefor During Media Replacement Event	Taiwan	Application			108141307	2019-11-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Volume Edge Case for DAI – Detect Volume Adjustments Using Loudness Level Profile	Taiwan	Application			108141663	2019-11-15
Gracenote, Inc.	Detection of Media Playback Audio Volume Level and Corresponding Adjustment to Audio During Media Replacement Event	Taiwan	Application			108141593	2019-11-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Generation of Media Station Previews Using a Reference Database	United States of America	Application			16/718,087	2019-12-17
Gracenote, Inc.	Generation of Media Station Previews Using a Reference Database	Patent Cooperation Treaty	Application			PCT/US2019/068521	2019-12-26
Gracenote, Inc.	Generation of Media Station Previews Using a Secondary Tuner	United States of America	Application			16/729,947	2019-12-30
Gracenote, Inc.	Generation of Media Station Previews Using a Secondary Tuner	Patent Cooperation Treaty	Application			PCT/US2019/068932	2019-12-30
Gracenote, Inc.	Method and System for Triggering Use of a Video-On-Demand Service by a Media Presentation Device	United States of America	Application			15/929,192	2019-12-19
Gracenote, Inc.	Media Presentation Device with Overlay Feature	Patent Cooperation Treaty	Application			PCT/US2019/067718	2019-12-20
Gracenote, Inc.	Method and System for Use of Automatic Content Recognition to Trigger Dynamic Ad Insertion in Response to Repeat Playout of Ad	United States of America	Application			16/668,833	2019-10-30
Gracenote, Inc.	METHODS AND APPARATUS TO ADJUST AUDIO PLAYBACK SETTINGS	United States of America	Application			62/816,813	2019-03-11

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	APPARATUS AND METHODS FOR PLAYBACK USING PRE-PROCESSED PROFILE INFORMATION AND PERSONALIZATIO N	United States of America	Applicati on			62/816,823	2019-03-11
Gracenote, Inc.	METHODS AND APPARATUS TO ADJUST AUDIO PLAYBACK SETTINGS	United States of America	Publish ed			16/661,975	2019-10-23
Gracenote, Inc.	METHODS AND APPARATUS FOR PLAYBACK USING PRE-PROCESSED PROFILE INFORMATION AND PERSONALIZATIO N	United States of America	Publish ed			16/661,989	2019-10-23
Gracenote, Inc.	METHODS AND APPARATUS FOR HARMONIC SOURCE ENHANCEMENT	United States of America	Applicati on			16/850,855	2020-04-16
Gracenote, Inc.	METHODS AND APPARATUS FOR AUDIO EQUALIZATION	United States of America	Applicati on			62/850,528	2019-05-20
Gracenote, Inc.	METHODS AND APPARATUS FOR AUDIO EQUALIZATION	United States of America	Publish ed			16/661,985	2019-10-23

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Timely Addition of Human-Perceptible Audio to Mask an Audio Watermark	United States of America	Application			15/929,236	2020-03-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Use of Steganographically-Encoded Data as Basis to Disambiguate Fingerprint-Based Channel Multi-Match	United States of America	Application			62/863,015	2019-06-18
Gracenote, Inc.	Use of Steganographically-Encoded Data as Basis to Disambiguate Fingerprint-Based Channel Multi-Match	United States of America	Application			15/929,217	2020-02-06
Gracenote, Inc.	METHODS AND APPARATUS TO IDENTIFY MEDIA	United States of America	Application			62/896,460	2019-09-05
Gracenote, Inc.	METHODS AND APPARATUS TO IDENTIFY MEDIA THAT HAS BEEN PITCH SHIFTED, TIME SHIFTED, AND/OR RESAMPLED	United States of America	Application			16/698,897	2019-11-27
Gracenote, Inc.	METHODS AND APPARATUS TO IDENTIFY MEDIA	United States of America	Application			16/698,899	2019-11-27
Gracenote, Inc.	METHODS AND APPARATUS TO FINGERPRINT AN AUDIO SIGNAL VIA EXPONENTIAL NORMALIZATION	United States of America	Application			16/696,874	2019-11-26
Gracenote, Inc.	METHODS AND APPARATUS TO CONTROL LIGHTING EFFECTS	United States of America	Application			16/698,697	2019-11-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	METHODS AND APPARATUS FOR AUDIO EQUALIZATION BASED ON VARIANT SELECTION	United States of America	Application			16/696,711	2019-11-26
Gracenote, Inc.	METHODS AND APPARATUS FOR AUDIO EQUALIZATION BASED ON VARIANT SELECTION	United States of America	Application			16/696,774	2019-11-26
Gracenote, Inc.	METHODS AND APPARATUS TO IDENTIFY MEDIA BASED ON HISTORICAL DATA	United States of America	Application			16/698,900	2019-11-27
Gracenote, Inc.	Use of Steganographically-Encoded Time Information as Basis to Establish a Time Delay Between a Server and a Client	United States of America	Application			62/865,607	2019-06-24
Gracenote, Inc.	Use of Steganographically-Encoded Time Information as Basis to Establish a Time Offset, to Facilitate Taking Content-Related Action	United States of America	Application			15/929,216	2020-02-06

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Gracenote, Inc.	Ad Boundary Detection Using Audio	United States of America	Application			62/955,491	2019-12-31
Gracenote, Inc.	Content Transition Detection Using Video Features and Audio Features	United States of America	Application			62/008,477	2020-04-10
Gracenote, Inc.	Obtain Artist Imagery from Video Content Using Facial Recognition	United States of America	Application			62/906,238	2019-09-26
Gracenote, Inc.	Obtaining Artist Imagery from Video Content Using Facial Recognition	United States of America	Application			16/720,200	2019-12-19
Gracenote, Inc.	3G/4G Icon Detection	Greece	Application			20200100050	2020-01-31
Gracenote, Inc.	Monitoring Icon Status in a Display from an External Device	United States of America	Application			16/837,467	2020-04-01
Gracenote, Inc.	Automated Cropping of Images Using a Machine Learning Predictor	United States of America	Application			16/749,702	2020-01-22
Gracenote, Inc.	Selection of Video Frames Using a Machine Learning Predictor	United States of America	Application			16/749,724	2020-01-22
NetRatings, Inc.	SYSTEM AND METHOD FOR ESTIMATING PREVALENCE OF DIGITAL CONTENT ON THE WWW	Germany (Federal Republic of)	Granted	60046383.4	2011-08-24	980233.1	2000-10-25
NetRatings, Inc.	SYSTEM AND METHOD FOR ESTIMATING PREVALENCE OF DIGITAL	Spain	Granted	1252735	2011-08-24	980233.1	2000-10-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	CONTENT ON THE WWW						
NetRatings, Inc.	SYSTEM AND METHOD FOR ESTIMATING PREVALENCE OF DIGITAL CONTENT ON THE WWW	France	Granted	1252735	2011-08-24	980233.1	2000-10-25
NetRatings, Inc.	SYSTEM AND METHOD FOR ESTIMATING PREVALENCE OF DIGITAL CONTENT ON THE WWW	United Kingdom	Granted	1252735	2011-08-24	980233.1	2000-10-25
NetRatings, Inc.	SYSTEM AND METHOD FOR ESTIMATING PREVALENCE OF DIGITAL CONTENT ON THE WWW	Italy	Granted	1252735	2011-08-24	980233.1	2000-10-25
NetRatings, Inc.	SYSTEM AND METHOD FOR ESTIMATING PREVALENCE OF DIGITAL CONTENT ON THE WWW	Japan	Granted	5072160	2012-08-31	2001/552567	2000-10-25
NetRatings, Inc.	SYSTEM AND METHOD FOR ESTIMATING PREVALENCE OF DIGITAL CONTENT ON THE WWW	Netherlands	Granted	1252735	2011-08-24	980233.1	2000-10-25
NetRatings, Inc.	METHOD FOR ANALYSING AND SAMPLING ACTIVITY ON A COMMUNICATION NETWORK AND IN PARTICULAR	France	Granted	0005722	2007-04-09	FR00/05722	2000-05-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ACTIVITY RELATED TO ELECTRONIC COMMERCE						
NetRatings, Inc.	METHOD AND SYSTEM OF MEASURING AND RECORDING USER DATA IN A COMMUNICATIONS NETWORK	Australia	Granted	2004208177	2011-01-20	2004208177	2004-01-29
NetRatings, Inc.	METHOD AND SYSTEM OF MEASURING AND RECORDING USER DATA IN A COMMUNICATIONS NETWORK	Australia	Granted	2011200024	2013-09-05	2011200024	2011-01-05
Nielsen Consumer Neuroscience	ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS	China	Granted	ZL200880017883	2016-04-27	200880017883.X	2008-03-26
Nielsen Consumer Neuroscience	ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS	Israel	Granted	201187	2018-04-01	201187	2008-03-26
Nielsen Consumer Neuroscience	ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS	India	Application			6145/CHENP/2009	2008-03-26
Nielsen Consumer Neuroscience	ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS	Japan	Granted	5309126	2013-07-05	2010-501190	2008-03-26
Nielsen Consumer Neuroscience	ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS	Korea, Republic of (KR)	Granted	1464397	2014-11-17	10-2009-7022551	2008-03-26
Nielsen Consumer Neuroscience	NEURO-INFORMATICS REPOSITORY SYSTEM	Japan	Granted	5361868	2013-09-13	2010-506646	2008-05-01

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Consumer Neuroscience	NEURO-RESPONSE STIMULUS AND STIMULUS ATTRIBUTE RESONANCE ESTIMATOR	China	Granted	200880101500.7	2013-07-17	200880101500.7	2008-07-30
Nielsen Consumer Neuroscience	NEURO-RESPONSE STIMULUS AND STIMULUS ATTRIBUTE RESONANCE ESTIMATOR	Israel	Granted	203176	2014-02-01	203176	2008-07-30
Nielsen Consumer Neuroscience	NEURO-RESPONSE STIMULUS AND STIMULUS ATTRIBUTE RESONANCE ESTIMATOR	India	Granted	315502	2019-07-03	4438/KOLNP/2009	2008-07-30
Nielsen Consumer Neuroscience	NEURO-RESPONSE STIMULUS AND STIMULUS ATTRIBUTE RESONANCE ESTIMATOR	Japan	Granted	5542051	2014-05-16	2010-520159	2008-07-30
Nielsen Consumer Neuroscience	CONSUMER EXPERIENCE ASSESSMENT SYSTEM	China	Granted	200880104982.1	2013-05-01	200880104982.1	2008-08-27
Nielsen Consumer Neuroscience	CONSUMER EXPERIENCE ASSESSMENT SYSTEM	India	Granted	319719	2019-09-03	4441/KOLNP/2009	2008-08-27
Nielsen Consumer Neuroscience	CONSUMER EXPERIENCE ASSESSMENT SYSTEM	Japan	Granted	5539876	2014-05-09	2010-523112	2008-08-27
Nielsen Media Research, Inc.	APPARATUS AND METHOD FOR DETECTING AND CORRECTING A CORRUPTED BROADCAST TIME CODE	South Africa	Granted	2004/4517	2007-02-28	2004/4517	2002-11-01

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	SOURCE DETECTION APPARATUS AND METHOD FOR AUDIENCE MEASUREMENT	Brazil	Granted	PI9714323-5	2013-04-24	PI9714323-5	1997-05-27
Nielsen Media Research, Inc.	INTERACTIVE SERVICE DEVICE METERING SYSTEMS	Brazil	Granted	PI9713896-7	2013-08-27	PI 9713896.7	1997-11-24
Nielsen Media Research, Inc.	SYSTEMS AND METHOD FOR ENCODING AN AUDIO SIGNAL, BY ADDING AN INAUDIBLE CODE TO THE AUDIO SIGNAL, FOR USE IN BROADCAST PROGRAMME IDENTIFICATION SYSTEMS	Australia	Granted	2007200368	2009-12-10	2007200368	2007-01-29
Nielsen Media Research, Inc.	DETECTION OF MEDIA LINKS IN BROADCAST SIGNALS	Canada	Granted	2,293,957	2011-05-17	2,293,957	2000-01-06
Nielsen Media Research, Inc.	METHOD AND SYSTEM FOR THE DISCOVERY OF COOKIES AND OTHER CLIENT INFORMATION	Australia	Granted	771711	2004-07-15	29978/00	2000-02-16
Nielsen Media Research, Inc.	METHOD AND SYSTEM FOR THE DISCOVERY OF COOKIES AND OTHER CLIENT INFORMATION	Canada	Granted	2,361,568	2008-10-28	2,361,568	2000-02-16
Nielsen Media Research, Inc.	METHOD AND SYSTEM FOR THE DISCOVERY OF COOKIES AND OTHER CLIENT INFORMATION	Hong Kong	Application			2108923.3	2002-12-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	METHOD AND SYSTEM FOR THE DISCOVERY OF COOKIES AND OTHER CLIENT INFORMATION	Mexico	Granted	225740	2005-01-21	PA/a/2001/008882	2000-02-16
Nielsen Media Research, Inc.	AUDIO SIGNATURE EXTRACTION AND CORRELATION	Canada	Granted	2,310,769	2013-05-28	2,310,769	2000-06-06
Nielsen Media Research, Inc.	System and Method for Adding an Inaudible Code to an Audio Signal and Methods and Apparatus for Reading a Code Signal from an Audio Signal	Australia	Granted	2005200858	2008-04-17	2005200858	2005-02-25
Nielsen Media Research, Inc.	MULTI-BAND SPECTRAL AUDIO ENCODING	Canada	Granted	2,405,179	2014-07-08	2,405,179	2001-04-03
Nielsen Media Research, Inc.	System and method for adding an inaudible code to an audio signal and method and apparatus for reading a code signal from an audio signal	India	Granted	211730	2007-11-09	IN/PCT/2002/01767/CH	2001-04-03
Nielsen Media Research, Inc.	System and method for adding an inaudible code to an audio signal and method and apparatus for reading a code signal from an audio signal	Mexico	Granted	237898	2006-06-20	PA/a/2002/009683	2001-04-03
Nielsen Media Research, Inc.	System and method for adding an inaudible code to an audio signal and method and apparatus	Singapore	Granted	92325	2003-01-08	200206201-6	2001-04-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	for reading a code signal from an audio signal						
Nielsen Media Research, Inc.	System and method for adding an inaudible code to an audio signal and method and apparatus for reading a code signal from an audio signal	South Africa	Granted	2002/7800	2003-11-26	2002/7800	2001-04-03
Nielsen Media Research, Inc.	METHOD OF PROMPTING AUDIENCE MEMBERS IDENTIFICATION SYSTEM	Canada	Granted	2,450,226	2013-04-23	2,450,226	2002-06-14
Nielsen Media Research, Inc.	PROMPTING OF AUDIENCE MEMBER IDENTIFICATION	Germany (Federal Republi	Granted	60245903.6	2014-01-01	60245903.6	2002-06-14
Nielsen Media Research, Inc.	PROMPTING OF AUDIENCE MEMBER IDENTIFICATION	France	Granted	1400044	2014-01-01	02 741 954.8	2002-06-14
Nielsen Media Research, Inc.	PROMPTING OF AUDIENCE MEMBER IDENTIFICATION	Italy	Granted	1400044	2014-01-01	02 741 954.8	2002-06-14
Nielsen Media Research, Inc.	PROMPTING OF AUDIENCE MEMBER IDENTIFICATION	Mexico	Granted	260844	2008-09-26	PA/a/2003/011490	2002-06-14
Nielsen Media Research, Inc.	PROMPTING OF AUDIENCE MEMBER IDENTIFICATION	Mexico	Granted	302217	2012-08-10	MX/a/2008/003629	2008-03-14
Nielsen Media Research, Inc.	PROMPTING OF AUDIENCE MEMBER IDENTIFICATION	New Zealand	Granted	530015	2005-12-08	530015	2002-06-14
Nielsen Media	PROMPTING OF AUDIENCE	South Africa	Granted	2003/9740	2004-12-29	2003/9740	2002-06-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Research, Inc.	MEMBER IDENTIFICATION						
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO VERIFY CONSUMPTION OF PROGRAMMING CONTENT	Canada	Granted	2,571,088	2014-08-12	2,571,088	2004-06-08
Nielsen Media Research, Inc.	AUDIO BASED METHODS AND APPARATUS FOR DETECTING A CHANNEL CHANGE EVENT	Canada	Granted	2,537,200	2012-03-13	2,537,200	2003-08-29
Nielsen Media Research, Inc.	AUDIO BASED METHODS AND APPARATUS FOR DETECTING A CHANNEL CHANGE EVENT	Germany (Federal Republic of)	Granted	1668914	2013-10-09	60345070	2003-08-29
Nielsen Media Research, Inc.	AUDIO BASED METHODS AND APPARATUS FOR DETECTING A CHANNEL CHANGE EVENT	United Kingdom	Granted	1668914	2013-10-09	03818813.2-2202	2003-08-29
Nielsen Media Research, Inc.	AUDIO BASED METHODS AND APPARATUS FOR DETECTING A CHANNEL CHANGE EVENT	Italy	Granted	1668914	2013-10-09	03818813.2-2202	2003-08-29
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO ADAPTIVELY GATHER AUDIENCE INFORMATION DATA	India	Granted	225,893	2008-12-01	1833/CHENP/2005	2003-02-10
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO ADAPTIVELY GATHER AUDIENCE	Mexico	Granted	279476	2010-09-29	PA/a/2005/008287	2003-02-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	INFORMATION DATA						
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO ADAPTIVELY GATHER AUDIENCE INFORMATION DATA	Singapore	Granted	114153	2007-10-31	200504998-6	2003-02-10
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO ADAPTIVELY GATHER AUDIENCE INFORMATION DATA	South Africa	Granted	2005/6323	2007-04-25	2005/6323	2003-02-10
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION	Australia	Granted	2003253598	2008-11-06	2003253598	2003-04-21
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION	Canada	Granted	2,483,042	2016-06-14	2,483,042	2003-04-21
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION	China	Granted	200710139849.7	2013-03-27	200710139849.7	2007-08-02
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO COLLECT AUDIENCE	European Patent	Published			3750041	2003-04-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION						
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION	India	Granted	255461	2013-02-25	2346/CHENP/2004	2003-04-21
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION	Mexico	Granted	252921	2008-01-04	PA/a/2004/010349	2003-04-21
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION	Mexico	Granted	285419	2011-04-04	MX/a/2007/012204	2007-10-02
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION	New Zealand	Granted	535921	2007-12-13	535,921	2003-04-21
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION	Singapore	Granted	107381	2006-10-31	200406095-0	2003-04-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATIO	South Africa	Granted	2004/8525	2006-09-27	2004/8525	2004-10-21
Nielsen Media Research, Inc.	SIGNATURE-BASED PROGRAM IDENTIFICATION APPARATUS AND METHODS FOR USE WITH DIGITAL BROADCAST SYSTEMS	Canada	Granted	2,530,012	2012-04-03	2,530,012	2003-07-18
Nielsen Media Research, Inc.	SIGNATURE-BASED PROGRAM IDENTIFICATION APPARATUS AND METHODS FOR USE WITH DIGITAL BROADCAST SYSTEMS	Germany (Federal Republic of)	Granted	60350392.6	2017-07-05	3817463.7	2003-07-18
Nielsen Media Research, Inc.	SIGNATURE-BASED PROGRAM IDENTIFICATION APPARATUS AND METHODS FOR USE WITH DIGITAL BROADCAST SYSTEMS	France	Granted	1645136	2017-07-05	3817463.7	2003-07-18
Nielsen Media Research, Inc.	SIGNATURE-BASED PROGRAM IDENTIFICATION APPARATUS AND METHODS FOR USE WITH DIGITAL BROADCAST SYSTEMS	United Kingdom	Granted	1645136	2017-07-05	3817463.7	2003-07-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	Australia	Granted	2003275467	2011-03-10	2003275467	2003-10-07
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	China	Granted	1839657	2011-11-23	200380110513.8	2003-10-07
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	Hong Kong	Granted	1097685B	2012-07-20	71027821	2007-03-15
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	Italy	Granted	1671513	2013-07-24	03 759 745.7	2003-10-07
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	Mexico	Granted	264070	2009-01-26	PA/a/2006/003935	2003-10-07
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR GENERATING SIGNATURES	Mexico	Granted	273967	2010-02-09	MX/a/2007/002071	2005-08-18
Nielsen Media Research, Inc.	DIGITAL VIDEO SIGNATURE APPARATUS AND METHODS FOR USE WITH VIDEO PROGRAM IDENTIFICATION SYSTEMS	Canada	Granted	2,540,575	2013-12-17	2,540,575	2003-09-12
Nielsen Media	Methods and Apparatus to Detect a	Canada	Granted	2,563,107	2014-03-04	2,563,107	2004-03-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Research, Inc.	Blank Frame in a Digital Video Broadcast Signal						
Nielsen Media Research, Inc.	Digital Data Insertion Apparatus and Methods for Use with Compressed Audio/Video Data	Australia	Granted	2003268528	2009-03-26	2003268528	2003-09-08
Nielsen Media Research, Inc.	DIGITAL DATA INSERTION APPARATUS AND METHODS FOR USE WITH COMPRESSED AUDIO/VIDEO DATA	Australia	Granted	2009200525	2011-05-19	2009200525	2009-02-11
Nielsen Media Research, Inc.	Digital Data Insertion Apparatus and Methods for Use with Compressed Audio/Video Data	Korea, Republic of (KR)	Granted	10-1014309	2011-02-07	10-2005-7007036	2003-09-08
Nielsen Media Research, Inc.	Digital Data Insertion Apparatus and Methods for Use with Compressed Audio/Video Data	Mexico	Granted	268816	2009-07-30	PA/a/2005/004231	2003-09-08
Nielsen Media Research, Inc.	Digital Data Insertion Apparatus and Methods for Use with Compressed Audio/Video Data	Singapore	Granted	111745	2007-11-30	200502434-4	2003-09-08
Nielsen Media Research, Inc.	Digital Data Insertion Apparatus and Methods for Use with Compressed Audio/Video Data	South Africa	Granted	2005/3218	2006-10-25	2005/3218	2003-09-08
Nielsen Media Research, Inc.	APPARATUS AND METHODS FOR TRACKING AND ANALYZING DIGITAL RECORDING DEVICE EVENT SEQUENCES	Canada	Granted	2,507,317	2011-09-20	2,507,317	2002-11-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	APPARATUS AND METHODS FOR TRACKING AND ANALYZING DIGITAL RECORDING DEVICE EVENT SEQUENCES	Germany (Federal Republi	Granted	60248811.7	2017-04-12	2784621.1	2002-11-27
Nielsen Media Research, Inc.	APPARATUS AND METHODS FOR TRACKING AND ANALYZING DIGITAL RECORDING DEVICE EVENT SEQUENCES	Italy	Granted	1568218	2017-04-12	502017000076124	2002-11-27
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR MEDIA SOURCE IDENTIFICATION AND TIME SHIFTED MEDIA CONSUMPTION MEASUREMENTS	Canada	Granted	2,588,217	2014-04-22	2,588,217	2005-11-22
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR MEDIA SOURCE IDENTIFICATION AND TIME SHIFTED MEDIA CONSUMPTION MEASUREMENTS	Hong Kong	Granted	1829368	2019-09-11	08 102 495.8	2008-03-04
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	Australia	Granted	2004258470	2010-04-01	2004258470	2004-06-14
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	Canada	Granted	2,529,310	2012-12-18	2,529,310	2004-06-14
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	China	Granted	200480020200.8	2010-12-01	20048002020	2004-06-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	European Patent	Allowed			4776572.2	2004-06-14
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	Hong Kong	Granted	1090476	2011-08-05	61109404	2006-10-03
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	South Africa	Granted	2005/10074	2006-12-27	2005/10074	2005-12-12
Nielsen Media Research, Inc.	Methods and Apparatus for Embedding Watermarks	Taiwan	Granted	I342515	2011-05-21	93117000	2004-06-11
Nielsen Media Research, Inc.	Methods and Apparatus for Embedding Watermarks	Venezuela	Application			0933-2004	2004-06-14
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO OPERATE AN AUDIENCE METERING DEVICE WITH VOICE COMMANDS	Canada	Granted	2,539,442	2013-08- 20	2,539,442	2004-08-30
Nielsen Media Research, Inc.	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	Australia	Granted	2004282954	2011-02-24	2004282954	2004-10-15
Nielsen Media Research, Inc.	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	Australia	Granted	2011200553	2013-03-25	2011200553	2011-02-10
Nielsen Media Research, Inc.	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	Canada	Granted	2,543,017	2013-11-26	2,543,017	2004-10-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	Germany (Federal Republi	Granted	1685459	2012-05-10	602004038113.6	2004-10-15
Nielsen Media Research, Inc.	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	Spain	Granted	1685459	2012-06-06	04 795 418.5-2224	2004-10-15
Nielsen Media Research, Inc.	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	France	Granted	1685459	2012-06-06	1685459	2004-10-15
Nielsen Media Research, Inc.	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	United Kingdom	Granted	1685459	2012-06-06	1685459	2004-10-15
Nielsen Media Research, Inc.	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	India	Granted	265689	2015-03-05	2379/DELNP/2006	2004-10-15
Nielsen Media Research, Inc.	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	Italy	Granted	1685459	2012-06-06	04 795 418.5-2224	2004-10-15
Nielsen Media Research, Inc.	PORTABLE MULTI-PURPOSE AUDEINCE MEASUREMENT SYSTEM	Taiwan	Granted	I377806	2012-11-21	93131327	2004-10-15
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO DISTINGUISH A SIGNAL ORIGINATING FROM A LOCAL DEVICE FROM A BROADCAST SIGNAL	Canada	Granted	2,551,998	2015-11-17	2,551,998	2004-12-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO DISTINGUISH A SIGNAL ORIGINATING FROM A LOCAL DEVICE FROM A BROADCAST SIGNAL	Mexico	Granted	273849	2010-02-04	PA/a/2006/007503	2004-12-10
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO DISTINGUISH A SIGNAL ORIGINATING FROM A LOCAL DEVICE FROM A BROADCAST SIGNAL	Malaysia	Granted	MY-138161-A	2009-04-30	PI 20045401	2004-12-29
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO DISTINGUISH A SIGNAL ORIGINATING FROM A LOCAL DEVICE FROM A BROADCAST SIGNAL	Taiwan	Granted	I399973	2013-06-21	93138737	2004-12-14
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR MONITORING VIDEO GAMES	Canada	Granted	2,556,697	2018-01-09	2,556,697	2005-02-17
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR IDENTIFYING VIEWING INFORMATION ASSOCIATED WITH A DIGITAL MEDIA DEVICE	Australia	Granted	2005269957	2012-01-05	2005269957	2005-07-01
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO DETERMINE AUDIENCE VIEWING OF	Australia	Granted	2005214965	2011-09-01	2005214965	2005-02-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	RECORDED PROGRAMS						
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO DETERMINE AUDIENCE VIEWING OF RECORDED PROGRAMS	Canada	Granted	2,556,548	2013-07-16	2,556,548	2005-02-17
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO DETERMINE AUDIENCE VIEWING OF RECORDED PROGRAMS	Taiwan	Granted	I411301	2013-10-01	94104620	2005-02-17
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR DETECTING SPACE-SHIFTED MEDIA CONTENT ASSOCIATED WITH A DIGITAL RECORDING/PLAY BACK DEVICE	Germany (Federal Republi	Granted	602005056577.9	2020-01-15	05826647.9-1243	2005-11-21
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR DETECTING SPACE-SHIFTED MEDIA CONTENT ASSOCIATED WITH A DIGITAL RECORDING/PLAY BACK DEVICE	European Patent	Granted	1836593	2020-01-15	05826647.9-1243	2005-11-21
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR DETECTING SPACE-SHIFTED MEDIA CONTENT ASSOCIATED WITH A DIGITAL RECORDING/PLAY BACK DEVICE	France	Granted	1836593	2020-01-15	05826647.9-1243	2005-11-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR DETECTING SPACE-SHIFTED MEDIA CONTENT ASSOCIATED WITH A DIGITAL RECORDING/PLAY BACK DEVICE	United Kingdom	Granted	1836593	2020-01-15	05826647.9-1243	2005-11-21
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR USING AUDIENCE MEMBER BEHAVIOR INFORMATION TO DETERMINE COMPLIANCE WITH AUDIENCE MEASUREMENT SYSTEM USAGE REQUIREMENTS	Canada	Granted	2,601,879	2017-07-04	2,601,879	2006-03-17
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR USING AUDIENCE MEMBER BEHAVIOR INFORMATION TO DETERMINE COMPLIANCE WITH AUDIENCE MEASUREMENT SYSTEM USAGE REQUIREMENTS	Mexico	Granted	282,461	2011-01-05	MX/a/2007/011471	2006-03-17
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO MAINTAIN AUDIENCE PRIVACY WHILE DETERMINING VIEWING OF VIDEO-ON-DEMAND PROGRAMS	Canada	Granted	2,563,834	2016-08-16	2,563,834	2005-04-22
Nielsen Media	METHODS AND APPARATUS FOR	Canada	Granted	2,574,998	2011-03-15	2,574,998	2005-07-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Research, Inc.	MONITORING THE INSERTION OF LOCAL MEDIA CONTENT INTO A PROGRAM STREAM						
Nielsen Media Research, Inc.	DATA INSERTION APPARATUS AND METHODS FOR USE WITH COMPRESSED AUDIO/VIDEO DATA	Canada	Granted	2,562,137	2012-11-27	2,562,137	2005-04-07
Nielsen Media Research, Inc.	Data Insertion and Watermarking Apparatus and Methods for Use with Compressed Audio/Video Data	Taiwan	Granted	I404419	2013-08-01	94110973	2005-04-07
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR IMAGE IDENTIFICATION IN PRINT ADVERTISEMENTS	Australia	Granted	2007296443	2012-01-05	2007296443	2007-09-13
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR MIXING COMPRESSED DIGITAL BIT STREAMS	Australia	Granted	2005270105	2011-07-14	2005270105	2005-06-29
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR MIXING COMPRESSED DIGITAL BIT STREAMS	Australia	Granted	2011203047	2013-06-25	2011203047	2011-06-23
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR MIXING COMPRESSED DIGITAL BIT STREAMS	China	Granted	CN1993700B	2012-03-14	200580026107.2	2005-06-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR MIXING COMPRESSED DIGITAL BIT STREAMS	Hong Kong	Granted	1106047	2012-08-10	7111028.6	2007-10-11
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR MIXING COMPRESSED DIGITAL BIT STREAMS	Korea, Republic of (KR)	Granted	10-1087588	2011-11-22	10-2007-7002769	2005-06-29
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR MIXING COMPRESSED DIGITAL BIT STREAMS	Mexico	Granted	274933	2010-04-06	MX/a/2007/000076	2005-06-29
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR MIXING COMPRESSED DIGITAL BIT STREAMS	New Zealand	Granted	552644	2009-01-08	552644	2005-06-29
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	Canada	Granted	2,576,865	2013-06-18	2,576,865	2005-08-09
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	Australia	Granted	2005273948	2010-05-20	2005273948	2005-08-09
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM	China	Granted	200580030202.X	2013-09-25	200580030202.X	2005-08-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	VARIOUS SOURCES						
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	Hong Kong	Granted	1116616	2014-04-11	8105557.6	2008-05-20
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	Korea, Republic of (KR)	Granted	10-1248577	2013-03-22	10-2007-7005373	2005-08-09
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	New Zealand	Granted	553385	2010-10-07	553385	2005-08-09
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	South Africa	Granted	2007/1987	2008-08-27	2007/1987	2005-08-09
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	Mexico	Granted	274936	2010-04-06	MX/a/2007/001734	2005-08-09
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR USING LOCATION INFORMATION TO MANAGE SPILLOVER IN AN AUDIENCE	Canada	Granted	2,581,982	2013-06-18	2,581,982	2005-09-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MONITORING SYSTEM						
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING PRINTED MEDIA	Australia	Granted	2006284718	2010-07-01	2006284718	2006-09-01
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING PRINTED MEDIA	China	Granted	CN101283346B	2012-05-30	200680037342	2006-09-01
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING PRINTED MEDIA	Hong Kong	Granted	1121835	2012-12-21	9101649.4	2009-02-20
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO METER CONTENT EXPOSURE USING CLOSED CAPTION INFORMATION	Canada	Granted	2,654,933	2013-07-30	2,654,933	2007-06-11
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO METER CONTENT EXPOSURE USING CLOSED CAPTION INFORMATION	China	Granted	CN101536503B	2012-09-26	200780021863.5	2007-06-11
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING COMPUTER-BASED MEDIA PRESENTATION	Australia	Granted	2006294861	2013-03-25	2006294861	2006-09-26
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING COMPUTER-BASED MEDIA PRESENTATION	Canada	Granted	2,623,697	2015-09-22	2,623,697	2006-09-26
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING COMPUTER-BASED MEDIA PRESENTATION	China	Granted	200680039792.7	2017-09-08	200680039792.7	2006-09-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING COMPUTER-BASED MEDIA PRESENTATION	Germany (Federal Republi	Granted	1922654	2020-05-13	06815422.8-1527	2006-09-26
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING COMPUTER-BASED MEDIA PRESENTATION	European Patent	Granted	1922654	2020-05-13	06815422.8-1527	2006-09-26
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING COMPUTER-BASED MEDIA PRESENTATION	France	Granted	1922654	2020-05-13	06815422.8-1527	2006-09-26
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING COMPUTER-BASED MEDIA PRESENTATION	United Kingdom	Granted	1922654	2020-05-13	06815422.8-1527	2006-09-26
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING COMPUTER-BASED MEDIA PRESENTATION	Korea, Republic of (KR)	Granted	10-1493891	2015-02-10	10-2008-7009707	2006-09-26
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING COMPUTER-BASED MEDIA PRESENTATION	Netherlands	Granted	1922654	2020-05-13	06815422.8-1527	2006-09-26
Nielsen Media Research, Inc.	SYSTEMS AND METHODS TO WIRELESSLY METER AUDIO/VISUAL DEVICES	Australia	Granted	2006325808	2012-03-29	2006325808	2006-12-12
Nielsen Media	SYSTEMS AND METHODS TO	Canada	Granted	2,633,577	2016-04-05	2,633,577	2006-12-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Research, Inc.	WIRELESSLY METER AUDIO/VISUAL DEVICES						
Nielsen Media Research, Inc.	Systems and Methods to Wirelessly Meter Audio/Visual Devices	China	Granted	200680052652.3	2017-04-19	200680052652.3	2006-12-12
Nielsen Media Research, Inc.	Systems and Methods to Wirelessly Meter Audio/Visual Devices	Hong Kong	Granted	1127828B	2018-04-27	9107165.5	2009-08-05
Nielsen Media Research, Inc.	SYSTEMS AND METHODS TO WIRELESSLY METER AUDIO/VISUAL DEVICES	Mexico	Granted	303092	2012-09-05	MX/a/2008/007596	2006-12-12
Nielsen Media Research, Inc.	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	Australia	Granted	2006279518	2010-06-10	2006279518	2006-08-16
Nielsen Media Research, Inc.	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	Canada	Granted	2,619,781	2017-11-07	2,619,781	2006-08-16
Nielsen Media Research, Inc.	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	China	Granted	200680036510.8	2010-12-15	200680036510.8	2006-08-16
Nielsen Media Research, Inc.	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	Hong Kong	Granted	1121616b	2011-07-15	9101551	2009-02-18
Nielsen Media Research, Inc.	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	Mexico	Granted	283651	2011-02-04	MX/a/2008/002317	2006-08-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR COOPERATOR INSTALLED METERS	Australia	Granted	2007254220	2012-07-12	2007254220	2007-05-18
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR COOPERATOR INSTALLED METERS	Canada	Granted	2,652,655	2017-03-07	2,652,655	2007-05-18
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR COOPERATOR INSTALLED METERS	Mexico	Granted	300578	2012-06-22	MX/a/2008/014700	2007-05-18
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	Australia	Granted	2006304933	2011-11-03	2006304933	2006-10-20
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	China	Granted	CN101322344B	2013-01-02	200680045794.7	2006-10-20
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	Mexico	Granted	297063	2012-03-14	MX/a/2008/005249	2006-10-20
Nielsen Media Research, Inc.	METHODS SYSTEMS AND APPARATUS FOR MULTI-PURPOSE METERING	Canada	Granted	2,615,262	2017-01-10	2,615,262	2007-12-14
Nielsen Media Research, Inc.	METHODS, SYSTEMS, AND APPARATUS FOR MULTI-PRUPOSE METERING	Canada	Granted	2,647,892	2016-08-16	2,647,892	2007-04-02
Nielsen Media Research, Inc.	METHODS AND SYSTEMS TO METER MEDIA CONTENT	Canada	Granted	2,666,199	2015-08-25	2,666,199	2007-03-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	PRESENTED ON A WIRELESS COMMUNICATION DEVICE						
Nielsen Media Research, Inc.	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	Germany (Federal Republi	Granted	602007046727.6	2016-06-22	7754351	2007-03-27
Nielsen Media Research, Inc.	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	France	Granted	2011002	2016-06-22	7754351	2007-03-27
Nielsen Media Research, Inc.	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	United Kingdom	Granted	2011002	2016-06-22	7754351	2007-03-27
Nielsen Media Research, Inc.	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	Italy	Granted	2011002	2016-06-22	502016000094434	2007-03-27
Nielsen Media Research, Inc.	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	Korea, Republic of (KR)	Granted	10-1635128	2016-06-24	10-2015-7016736	2015-06-23

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR IMPROVING DATA WAREHOUSE PERFORMANCE	China	Granted	CN101542478B	2012-07-18	200780023779.7	2007-06-26
Nielsen Media Research, Inc.	CONNECTOR RETAINERS AND METHODS OF SECURING A CONNECTOR IN A RECEPTACLE	China	Granted	101320866	2012-09-05	200810109240.X	2008-05-15
Nielsen Media Research, Inc.	CONNECTOR RETAINERS AND METHODS OF SECURING A CONNECTOR IN A RECEPTACLE	Hong Kong	Granted	1124178	2013-01-25	9104178	2009-05-06
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO MEASURE BRAND EXPOSURE IN MEDIA STREAMS AND TO SPECIFY REGIONS OF INTEREST IN ASSOCIATED VIDEO FRAMES	Germany (Federal Republi	Published			10 2008 056 603.9	2008-11-10
Nielsen Media Research, Inc.	METHODS AND APPARATUS TO MEASURE BRAND EXPOSURE IN MEDIA STREAMS AND TO SPECIFY REGIONS OF INTEREST IN ASSOCIATED VIDEO FRAMES	United Kingdom	Granted	GB2454582	2012-07-04	GB0820392.9	2008-11-07
Nielsen Media Research, Inc.	SYSTEMS AND METHODS TO IDENTIFY INTENTIONALLY PLACED PRODUCTS	Australia	Granted	2008231138	2012-09-13	2008231138	2008-03-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Nielsen Media Research, Inc.	SYSTEMS AND METHODS TO IDENTIFY INTENTIONALLY PLACED PRODUCTS	China	Granted	200800138 45.7	2013-04-10	200880013845.7	2008-03-14
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	Australia	Granted	2008218716	2012-08-23	2008218716	2008-02-20
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	Canada	Granted	2,678,942	2018-03-06	2,678,942	2008-02-20
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	China	Granted	200880012844	2013-03-20	200880012844	2008-02-20
Nielsen Media Research, Inc.	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	United Kingdom	Granted	GB2460773	2010-10-27	GB0915239.8	2008-02-20
Nielsen Media Research, Inc.	CONNECTOR RETAINERS AND METHODS OF SECURING A CONNECTOR IN A RECEPTACLE	China	Granted	200810109202.4	2011-03-30	200810109202.4	2008-05-16
Nielsen Media Research, Inc.	CONNECTOR RETAINERS AND METHODS OF SECURING A CONNECTOR IN A RECEPTACLE	Hong Kong	Granted	HK1125493	2011-07-29	9104319	2009-05-12
The Nielsen Company	METHODS AND APPARATUS FOR COLLECTING MEDIA CONSUMPTION DATA BASED ON USAGE INFORMATION	Canada	Granted	2,611,488	2013-02-26	2,611,488	2005-06-02
The Nielsen Company	COMPRESSED DOMAIN	Australia	Granted	2005329052	2011-11-24	2005329052	2005-04-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS						
The Nielsen Company	COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS	Canada	Granted	2,600,874	2015-04-07	2,600,874	2005-04-19
The Nielsen Company	COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS	China	Granted	CN101189660B	2012-07-04	A200580049536 1	2005-04-19
The Nielsen Company	COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS	Mexico	Granted	275693	2010-05-05	MX/a/2007/011286	2005-04-19
The Nielsen Company[4]	COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS	United States of America	Granted	8,700,411	2014-04-15	11/854,982	2007-09-13
The Nielsen Company	METHODS AND APPARATUS FOR DETECTING ON-SCREEN MEDIA SOURCES	Canada	Granted	2,654,816	2015-08-11	2,654,816	2007-06-20
The Nielsen Company	METHODS AND APPARATUS FOR DETECTING ON SCREEN MEDIA SOURCES	China	Granted	101536513B	2012-01-11	200780022899.5	2007-06-20

[4] Record owner to be updated to The Nielsen Company (US), LLC.

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company	AUDIO SIGNATURE MATCHING BY CORRELATION OF AUDIO CURVE FEATURES	European Patent	Application			20166659.1	2009-10-30
The Nielsen Company (U.S.), Inc.	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	Australia	Granted	2005328684	2010-08-05	2005328684	2005-03-08
The Nielsen Company (U.S.), Inc.	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	Canada	Granted	2,601,037	2017-04-04	2601037	2005-03-08
The Nielsen Company (U.S.), Inc.	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	Germany (Federal Republic of)	Granted	602005052249.2	2017-07-05	05724978.1-1241	2005-03-08
The Nielsen Company (U.S.), Inc.	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	France	Granted	1864493	2017-07-05	05724978.1-1241	2005-03-08
The Nielsen Company (U.S.), Inc.	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	United Kingdom	Granted	1864493	2017-07-05	05724978.1-1241	2005-03-08
The Nielsen Company (U.S.), Inc.	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	United States of America	Granted	8,406,341	2013-03-26	11/852,049	2007-09-07
The Nielsen Company (U.S.), Inc.	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	South Africa	Granted	2007/7727	2009-03-25	2007/7727	2005-03-08
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO DETECT A TIME-	Australia	Granted	2005332685	2011-05-19	2005332685	2005-06-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	SHIFT EVENT ASSOCIATED WITH THE PRESENTATIO N OF MEDIA CONTENT						
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO DETECT A TIME-SHIFT EVENT ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT	Canada	Granted	2,611,070	2015-10- 06	2,611,070	2005-06-03
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO DETECT A TIME-SHIFT EVEN ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT	Germany (Federal Republic of)	Granted	1905239	2019-05-22	05823128.3-1241	2005-06-03
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO DETECT A TIME-SHIFT EVEN ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT	France	Granted	1905239	2019-05-22	05823128.3-1241	2005-06-03
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO DETECT A TIME-SHIFT EVEN ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT	United Kingdom	Granted	1905239	2019-05-22	05823128.3-1241	2005-06-03
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO DETECT A TIME-	Netherlands	Granted	1905239	2019-05-22	05823128.3-1241	2005-06-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	SHIFT EVEN ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT						
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO DETECT A TIME-SHIFT EVENT ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT	United States of America	Granted	8,238,727	2012-08-07	11/916,428	2005-06-03
The Nielsen Company (U.S.), Inc.	DIGITAL RIGHTS MANAGEMENT SYSTEMS AND METHODS FOR AUDIENCE MEASUREMENT	United States of America	Granted	8,818,901	2014-08-26	12/564,657	2009-09-22
The Nielsen Company (U.S.), Inc.	SYSTEMS AND METHODS TO PRE-SCALE MEDIA CONTENT TO FACILITATE AUDIENCE MEASUREMENT	United States of America	Application			11/966,414	2007-12-28
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS FOR AUDIENCE MEASUREMENT USING GLOBAL SIGNATURE REPRESENTATION AND MATCHING	United States of America	Granted	8,213,521	2012-07-03	12/181,911	2008-07-29
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO MONITOR ADVERTISEMENT EXPOSURE	Canada	Granted	2,654,684	2017-11-14	2,654,684	2009-02-19
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO MONITOR	United States of America	Granted	8,302,120	2012-10-30	12/204,297	2008-09-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ADVERTISEMENT EXPOSURE						
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO MONITOR ADVERTISEMENT EXPOSURE	United States of America	Granted	8,745,648	2014-06-03	13/629,234	2012-09-27
The Nielsen Company (U.S.), Inc.	SYSTEMS AND METHODS FOR CONSUMER PRICE INDEX DETERMINATION USING PANEL-BASED AND POINT-OF-SALE MARKET RESEARCH DATA	United States of America	Granted	8,275,682	2012-09-25	12/341,854	2008-12-22
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO PERFORM CONSUMER SURVEYS	United States of America	Published			15/990,187	2018-05-25
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO GENERATE AND USE CONTENT-AWARE WATERMARKS	United States of America	Granted	8,805,689	2014-08-12	12/101,738	2008-04-11
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO GENERATE AND USE CONTENT-AWARE WATERMARKS	United States of America	Granted	9,514,503	2016-12-06	14/720,940	2015-05-25
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO MONITOR, VERIFY, AND RATE THE PERFORMANCE OF AIRINGS OF COMMERCIALS	United States of America	Granted	8,701,136	2014-04-15	12/350,223	2009-01-07

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS FOR AUDITING SIGNAGE	United States of America	Granted	8,315,456	2012-11-20	12/101,033	2008-04-10
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO PLAY AND CONTROL PLAYING OF MEDIA CONTENT IN A WEB PAGE	United States of America	Granted	9,639,531	2017-05-02	12/100,264	2008-04-09
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO PLAY AND CONTROL PLAYING OF MEDIA CONTENT IN A WEB PAGE	United States of America	Published			15/482,317	2017-04-07
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS FOR NONINTRUSIVE MONITORING OF WEB BROWSER USAGE	United States of America	Granted	8,090,822	2012-01-03	12/181,841	2008-07-29
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS FOR NONINTRUSIVE MONITORING OF WEB BROWSER USAGE	United States of America	Granted	8,806,006	2014-08-12	13/250,623	2011-09-30
The Nielsen Company (U.S.), Inc.	SYSTEM AND METHODS FOR METERING AND ANALYZING ENERGY CONSUMPTION OF EVENTS WITHIN A PORTABLE DEVICE	United States of America	Granted	8,032,317	2011-10-04	12/121,534	2008-05-15
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO PROVIDE A CHOICE SELECTION WITH	United States of America	Granted	9,348,804	2016-05-24	12/119,245	2008-05-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DATA PRESENTATION						
The Nielsen Company (U.S.), Inc.	A METHOD AND SYSTEM FOR MEASURING MARKET INFORMATION FOR WIRELESS TELECOMMUNICATION DEVICES	United States of America	Granted	7,761,088	2010-07-20	11/486,498	2006-07-14
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO ANALYZE COMMUNICATION SYSTEM TRANSCEIVERS	Brazil	Published			PI0903328-9	2009-06-17
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO ANALYZE COMMUNICATION SYSTEM TRANSCEIVERS	United States of America	Granted	8,447,293	2013-05-21	12/140,896	2008-06-17
The Nielsen Company (U.S.), Inc.	METHOD FOR APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	Australia	Granted	2003223430	2007-08-30	2003223430	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD AND APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	Canada	Granted	2,481,203	2010-02-16	2,481,203	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD FOR APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	China	Granted	ZL03812238.3	2010-11-10	3812238.3	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD AND APPARATUS FOR MEASURING COMMUNICATION	Germany (Federal	Granted	60347677.5	2015-06-03	3719560.9	2003-04-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MARKET STATISTICS	Republic of)					
The Nielsen Company (U.S.), Inc.	METHOD AND APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	France	Granted	1491028	2015-06-03	3719560.9	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD AND APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	United Kingdom	Granted	1491028	2015-06-03	3719560.9	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD FOR APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	Hong Kong	Granted	1082142B	2011-08-12	06102173	2006-02-17
The Nielsen Company (U.S.), Inc.	METHOD AND APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	Japan	Granted	4357301	2009-08-14	P2003-583001	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD FOR APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	Mexico	Granted	254772	2008-02-15	PA/a/2004/009687	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD AND APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	United States of America	Granted	6,751,295	2004-06-15	10/263,782	2002-10-04
The Nielsen Company (U.S.), Inc.	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	Australia	Granted	2005328684	2010-08-05	2005328684	2005-03-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (U.S.), Inc.	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	Canada	Granted	2,601,037	2017-04-04	2601037	2005-03-08
The Nielsen Company (U.S.), Inc.	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	Germany (Federal Republic of)	Granted	602005052249.2	2017-07-05	05724978.1-1241	2005-03-08
The Nielsen Company (U.S.), Inc.	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	France	Granted	1864493	2017-07-05	05724978.1-1241	2005-03-08
The Nielsen Company (U.S.), Inc.	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	United Kingdom	Granted	1864493	2017-07-05	05724978.1-1241	2005-03-08
The Nielsen Company (U.S.), Inc.	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	South Africa	Granted	2007/7727	2009-03-25	2007/7727	2005-03-08
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO DETECT A TIME-SHIFT EVENT ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT	Australia	Granted	2005332685	2011-05-19	2005332685	2005-06-03
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO DETECT A TIME-SHIFT EVENT ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT	Canada	Granted	2,611,070	2015-10-06	2,611,070	2005-06-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO DETECT A TIME-SHIFT EVEN ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT	Germany (Federal Republic of)	Granted	1905239	2019-05-22	05823128.3-1241	2005-06-03
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO DETECT A TIME-SHIFT EVEN ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT	France	Granted	1905239	2019-05-22	05823128.3-1241	2005-06-03
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO DETECT A TIME-SHIFT EVEN ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT	United Kingdom	Granted	1905239	2019-05-22	05823128.3-1241	2005-06-03
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO DETECT A TIME-SHIFT EVEN ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT	Netherlands	Granted	1905239	2019-05-22	05823128.3-1241	2005-06-03
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO MONITOR ADVERTISEMENT EXPOSURE	Canada	Granted	2,654,684	2017-11-14	2,654,684	2009-02-19
The Nielsen Company (U.S.), Inc.	METHODS AND APPARATUS TO ANALYZE COMMUNICATION	Brazil	Published			PI0903328-9	2009-06-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	SYSTEM TRANSCEIVERS						
The Nielsen Company (U.S.), Inc.	METHOD FOR APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	Australia	Granted	2003223430	2007-08-30	2003223430	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD AND APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	Canada	Granted	2,481,203	2010-02-16	2,481,203	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD FOR APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	China	Granted	ZL03812238.3	2010-11-10	3812238.3	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD AND APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	Germany (Federal Republic of)	Granted	60347677.5	2015-06-03	3719560.9	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD AND APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	France	Granted	1491028	2015-06-03	3719560.9	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD AND APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	United Kingdom	Granted	1491028	2015-06-03	3719560.9	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD FOR APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	Hong Kong	Granted	1082142B	2011-08-12	06102173	2006-02-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (U.S.), Inc.	METHOD AND APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	Japan	Granted	4357301	2009-08-14	P2003-583001	2003-04-03
The Nielsen Company (U.S.), Inc.	METHOD FOR APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	Mexico	Granted	254772	2008-02-15	PA/a/2004/009687	2003-04-03
Visual IQ, Inc.	METHOD AND SYSTEM FOR DETERMINING TOUCHPOINT ATTRIBUTION	United States of America	Granted	9,183,562	2015-11-10	13/492,493	2012-06-08
Visual IQ, Inc.	A METHOD , COMPUTER READABLE MEDIUM AND SYSTEM FOR DETERMINING TOUCHPOINT ATTRIBUTION	United States of America	Published			13/789,453	2013-03-07
Visual IQ, Inc.	PERFORMING INTERACTIVE UPDATES TO A PRECALCULATED CROSS-CHANNEL PREDICTIVE MODEL	United States of America	Application			14/322,353	2014-07-02
Visual IQ, Inc.	SYSTEM FOR MARKETING TOUCHPOINT ATTRIBUTION BIAS CORRECTION	United States of America	Published			14/969,773	2015-12-15
Visual IQ, Inc.	DETERMING TOUCHPOINT ATTRIBUTIONS IN A SEGMENTED MEDIA CAMPAIGN	United States of America	Published			14/973,246	2015-12-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
Visual IQ, Inc.	MACHINE LEARNING TECHNIQUES THAT IDENTIFY ATTRIBUTION OF SMALL SIGNAL STIMULUS IN NOISY RESPONSE CHANNELS	United States of America	Granted	10,068,188	2018-09-04	15/630,806	2017-06-22
Visual IQ, Inc.	CROSS-DEVICE MESSAGE TOUCHPOINT ATTRIBUTION	United States of America	Allowed			15/490,757	2017-04-18
Visual IQ, Inc.	DYNAMIC MEDIA BUY OPTIMIZATION USING ATTRIBUTION-INFORMED MEDIA BUY EXECUTION FEEDS	United States of America	Published			15/491,908	2017-04-19
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR IDENTIFYING A DIGITAL AUDIO SIGNAL	United States of America	Granted	7,742,737	2010-06-22	10/492,471	2002-10-09
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR IDENTIFYING A DIGITAL AUDIO SIGNAL	United States of America	Granted	8,548,373	2013-10-01	12/760,712	2010-04-15
The Nielsen Company (US), LLC	TELEVISION PROXIMITY SENSOR	United States of America	Granted	7,100,181	2006-08-29	10/125,577	2002-04-19
The Nielsen Company (US), LLC	APPARATUS AND METHOD FOR DETECTING AND CORRECTING A CORRUPTED BROADCAST TIME CODE	Canada	Granted	2,466,637	2015-03-03	2,466,637	2002-11-01
The Nielsen Company (US), LLC	APPARATUS AND METHOD FOR DETECTING AND	Canada	Granted	2,873,354	2015-09-15	2,873,354	2014-12-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	CORRECTING A CORRUPTED BROADCAST TIME CODE						
The Nielsen Company (US), LLC	APPARATUS AND METHOD FOR DETECTING AND CORRECTING A CORRUPTED BROADCAST TIME CODE	India	Granted	242018	2010-08-06	979/CHENP/2004	2002-11-01
The Nielsen Company (US), LLC	APPARATUS AND METHOD FOR DETECTING AND CORRECTING A CORRUPTED BROADCAST TIME CODE	Mexico	Granted	246799	2007-06-29	PA/a/2004/004238	2002-11-01
The Nielsen Company (US), LLC	APPARATUS AND METHOD FOR DETECTING AND CORRECTING A CORRUPTED BROADCAST TIME CODE	New Zealand	Granted	532467	2008-02-08	532467	2002-11-01
The Nielsen Company (US), LLC	APPARATUS AND METHOD FOR DETECTING AND CORRECTING A CORRUPTED BROADCAST TIME CODE	Singapore	Granted	104014	2007-07-31	200402044-2	2002-11-01
The Nielsen Company (US), LLC	APPARATUS AND METHOD FOR DETECTING AND CORRECTING A CORRUPTED BROADCAST TIME CODE	United States of America	Granted	7,117,513	2006-10-03	10/047,734	2001-11-09
The Nielsen Company (US), LLC	DETECTION OF MEDIA LINKS IN BROADCAST SIGNALS	United States of America	Granted	7,421,723	2008-09-02	09/955,691	2001-09-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	AUDIO SIGNATURE EXTRACTION AND CORRELATION	Canada	Granted	2,809,775	2017-03-21	2,809,775	2000-06-06
The Nielsen Company (US), LLC	AUDIO SIGNATURE EXTRACTION AND CORRELATION	United States of America	Granted	7,672,843	2010-03-02	11/143,808	2005-06-02
The Nielsen Company (US), LLC	MULTI-BAND SPECTRAL AUDIO ENCODING	Germany (Federal Republic of)	Granted	60151065.8	2019-02-20	1924636.2	2001-04-03
The Nielsen Company (US), LLC	MULTI-BAND SPECTRAL AUDIO ENCODING	France	Granted	1269669	2019-02-20	1924636.2	2001-04-03
The Nielsen Company (US), LLC	MULTI-BAND SPECTRAL AUDIO ENCODING	Netherlands	Granted	1269669	2019-02-20	1924636.2	2001-04-03
The Nielsen Company (US), LLC	MULTI-BAND SPECTRAL AUDIO ENCODING	United States of America	Granted	6,968,564	2005-11-22	09/543,480	2000-04-06
The Nielsen Company (US), LLC	DETECTION OF SIGNAL MODIFICATIONS IN AUDIO STREAMS WITH EMBEDDED CODE	United States of America	Granted	6,879,652	2005-04-12	09/616,116	2000-07-14
The Nielsen Company (US), LLC	DETECTION OF SIGNAL MODIFICATIONS IN AUDIO STREAMS WITH EMBEDDED CODE	United States of America	Granted	7,451,092	2008-11-11	10/794,194	2004-03-05
The Nielsen Company (US), LLC	PROMPTING OF AUDIENCE MEMBER IDENTIFICATION	Mexico	Granted	319672	2014-04-25	MX/a/2012/009293	2012-08-09
The Nielsen Company (US), LLC	PROMPTING OF AUDIENCE MEMBER IDENTIFICATION	United States of America	Granted	8,091,100	2012-01-03	09/883,546	2001-06-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT AUDIENCE MEMBERS	United States of America	Granted	8,739,194	2014-05-27	13/328,955	2011-12-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT AUDIENCE MEMBERS	United States of America	Granted	9,066,136	2015-06-23	14/253,596	2014-04-15
The Nielsen Company (US), LLC	Methods and Apparatus for Transcoding Metadata	United States of America	Granted	7,827,312	2010-11-02	10/540,611	2003-05-13
The Nielsen Company (US), LLC	Methods and Apparatus for Transcoding Metadata	United States of America	Granted	8,601,163	2013-12-03	12/890,216	2010-09-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR TRANSCODING METADATA	United States of America	Granted	9,609,034	2017-03-28	14/089,279	2013-11-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR TRANSCODING METADATA	United States of America	Granted	9,900,652	2018-02-20	15/466,547	2017-03-22
The Nielsen Company (US), LLC	PORTABLE AUDIENCE MEASUREMENT ARCHITECTURES AND METHODS FOR PORTABLE AUDIENCE MEASUREMENT	United States of America	Granted	8,023,882	2011-09-20	11/457,666	2006-07-14
The Nielsen Company (US), LLC	PORTABLE AUDIENCE MEASUREMENT ARCHITECTURES AND METHODS FOR PORTABLE AUDIENCE MEASUREMENT	United States of America	Granted	8,467,717	2013-06-18	13/159,243	2011-06-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY CONSUMPTION	United States of America	Granted	8,677,393	2014-03-18	12/580,835	2009-10-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	OFPROGRAMMING CONTENT						
The Nielsen Company (US), LLC	DETECTING A COMPOSITION OF AN AUDIENCE	United States of America	Granted	7,609,853	2009-10-27	10/538,692	2002-12-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETECING A COMPOSITION OF AN AUDIENCE OF AN INFORMATION PRESENTING DEVICE	United States of America	Granted	8,194,923	2012-06-05	12/533,629	2009-07-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETECTING A COMPOSITION OF AN AUDIENCE OF AN INFORMATION PRESENTING DEVICE	United States of America	Granted	8,660,308	2014-02-25	13/459,908	2012-04-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETECTING A COMPOSITION OF AN AUDIENCE OF AN INFORMATION PRESENTING DEVICE	United States of America	Granted	8,824,740	2014-09-02	14/139,379	2013-12-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE APPEARING IN AN IMAGE	United States of America	Granted	7,203,338	2007-04- 10	10/538,483	2002-12-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE APPEARING IN AN IMAGE	United States of America	Granted	7,466,844	2008-12-16	11/548,578	2002-12-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXPORT TUNING DATA COLLECTED IN A	United States of America	Granted	7,779,435	2010-08-17	11/552,824	2006-10-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	RECEIVING DEVICE						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXPORT TUNING DATA COLLECTED IN A RECEIVING DEVICE	United States of America	Granted	9,392,227	2016-07-12	12/833,705	2010-07-09
The Nielsen Company (US), LLC	AUDIO BASED METHODS AND APPARATUS FOR DETECTING A CHANNEL CHANGE EVENT	France	Granted	1668914	2013-10-09	03818813.2-2202	2003-08-29
The Nielsen Company (US), LLC	AUDIO BASED METHODS AND APPARATUS FOR DETECTING A CHANNEL CHANGE EVENT	United States of America	Granted	7,765,564	2010-07-27	10/570,567	2003-08-29
The Nielsen Company (US), LLC	AUDIO BASED METHODS AND APPARATUS FOR DETECTING A CHANNEL CHANGE EVENT	United States of America	Granted	8,266,645	2012-09-11	12/832,812	2010-07-08
The Nielsen Company (US), LLC	AUDIO BASED METHODS AND APPARATUS FOR DETECTING A CHANNEL CHANGE EVENT	United States of America	Granted	8,819,717	2014-08-26	13/592,018	2012-08-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADAPTIVELY SELECT SENSOR(S) TO GATHER AUDIENCE MEASUREMENT DATA BASED ON A VARIABLE SYSTEM FACTOR	United States of America	Granted	7,793,316	2010-09-07	10/867,190	2004-06-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AND A QUANTITY OF DATA COLLECTABLE BY THE SENSORS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADAPTIVELY SELECT SENSOR(S) TO GATHER AUDIENCE MEASUREMENT DATA BASED ON A VARIABLE SYSTEM FACTOR AND A QUANTITY OF DATA COLLECTIBLE BY THE SENSORS	United States of America	Granted	8,020,179	2011-09-13	12/847,805	2010-07-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADAPTIVELY SELECT SENSOR(S) TO GATHER AUDIENCE MEASUREMENT DATA BASED ON A VARIABLE SYSTEM FACTOR AND A QUANTITY OF DATA COLLECTABLE BY THE SENSORS	United States of America	Granted	8,539,519	2013-09-17	13/194,657	2011-07-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADAPTIVELY SELECT SENSOR(S) TO GATHER AUDIENCE MEASUREMENT DATA BASED ON A VARIABLE SYSTEM FACTOR	United States of America	Granted	9,088,821	2015-07-21	14/027,964	2013-09-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AND A QUANTITY OF DATA COLLECTABLE BY THE SENSORS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADAPTIVELY SELECT SENSOR(S) TO GATHER AUDIENCE MEASUREMENT DATA BASED ON A VARIABLE SYSTEM FACTOR	United States of America	Granted	9,426,508	2016-08-23	14/740,519	2015-06-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO FACILITATE GATHERING OF AUDIENCE MEASUREMENT DATA BASED ON A FIXED SYSTEM FACTOR	United States of America	Granted	9,936,234	2018-04-03	15/210,409	2016-07-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATIO	Germany (Federal Republic of)	Granted	60350361.6	2017-06-21	13002091	2003-04-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATIO	France	Granted	2654224	2017-06-21	13002091	2003-04-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION	United Kingdom	Granted	2654224	2017-06-21	13002091	2003-04-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ASSOCIATED WITH A MEDIA PRESENTATION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION	United States of America	Granted	8,225,342	2012-07-17	10/970,585	2004-10-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION	United States of America	Granted	8,555,304	2013-10-08	13/526,415	2012-06-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION	United States of America	Granted	9,326,034	2016-04-26	14/047,971	2013-10-07
The Nielsen Company (US), LLC	SIGNATURE-BASED PROGRAM IDENTIFICATION APPARATUS AND METHODS FOR USE WITH DIGITAL BROADCAST SYSTEMS	United States of America	Granted	8,255,938	2012-08-28	11/312,789	2005-12-20
The Nielsen Company (US), LLC	SIGNATURE-BASED PROGRAM IDENTIFICATION APPARATUS AND METHODS FOR USE WITH DIGITAL BROADCAST SYSTEMS	United States of America	Granted	9,054,820	2015-06-09	13/558,224	2012-07-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	Canada	Granted	2,542,151	2013-03-26	2,542,151	2003-10-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	Germany (Federal Republic of)	Granted	1671513	2013-07-24	60344578	2003-10-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	Germany (Federal Republic of)	Granted	60350276.8	2017-05-24	13002707.1	2013-05-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	Spain	Granted	1671513	2013-07-24	03 759 745.7	2003-10-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	France	Granted	1671513	2013-07-24	03 759 745.7	2003-10-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	United Kingdom	Granted	1671513	2013-07-24	03 759 745.7	2003-10-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	United Kingdom	Granted	2632176	2017-05-24	13002707.1	2013-05-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	Italy	Granted	2632176	2017-05-24	502017000095160	2013-05-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	Netherlands	Granted	1671513	2013-07-24	03 759 745.7	2003-10-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT CODES FROM A PLURALITY OF CHANNELS	United States of America	Granted	7,421,628	2008-09-02	11/278,917	2006-04-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING PRIMARY MEDIA CONTENT IN A POST-PRODUCTION MEDIA CONTENT PRESENTATION	Australia	Granted	2010201158	2013-01-10	2010201158	2010-03-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING PRIMARY MEDIA CONTENT IN A POST-PRODUCTION MEDIA CONTENT PRESENTATION	Australia	Granted	2012268871	2015-03-26	2012268871	2012-12-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING PRIMARY MEDIA CONTENT IN A POST-PRODUCTION MEDIA CONTENT PRESENTATION	Canada	Granted	2,698,063	2015-11-03	2,698,063	2010-03-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING PRIMARY MEDIA CONTENT IN A POST-PRODUCTION MEDIA CONTENT PRESENTATION	Germany (Federal Republic of)	Granted	602010026154.9	2015-07-29	10003265.5	2010-03-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING PRIMARY MEDIA CONTENT IN A POST-PRODUCTION MEDIA CONTENT PRESENTATION	France	Granted	2244208	2015-07-29	10003265.5	2010-03-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING PRIMARY MEDIA CONTENT IN A POST-PRODUCTION MEDIA CONTENT PRESENTATION	Italy	Granted	2244208	2015-07-29	10003265.5	2010-03-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING PRIMARY MEDIA CONTENT IN A POST-PRODUCTION MEDIA CONTENT PRESENTATION	United States of America	Granted	8,260,055	2012-09-04	12/413,360	2009-03-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING PRIMARY MEDIA CONTENT IN A POST-PRODUCTION MEDIA CONTENT PRESENTATION	United States of America	Granted	8,917,937	2014-12-23	13/569,950	2012-08-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	United States of America	Granted	7,783,889	2010-08-24	11/676,452	2007-02-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	United States of America	Granted	8,489,884	2013-07- 16	12/822,777	2010-06-24
The Nielsen Company (US), LLC	DIGITAL VIDEO SIGNATURE APPARATUS AND METHODS FOR USE WITH VIDEO PROGRAM IDENTIFICATION SYSTEMS	United States of America	Granted	7,793,318	2010-09-07	11/372,582	2006-03-10
The Nielsen Company (US), LLC	DIGITAL VIDEO SIGNATURE APPARATUS AND METHODS FOR USE WITH VIDEO PROGRAM IDENTIFICATION SYSTEMS	United States of America	Granted	8,020,180	2011-09-13	12/845,660	2010-07-28
The Nielsen Company (US), LLC	DIGITAL VIDEO SIGNATURE APPARATUS AND METHODS FOR USE WITH VIDEO PROGRAM IDENTIFICATION SYSTEMS	United States of America	Granted	8,683,503	2014-03-25	13/211,906	2011-08-17
The Nielsen Company (US), LLC	DIGITAL VIDEO SIGNATURE APPARATUS AND METHODS FOR USE WITH VIDEO PROGRAM IDENTIFICATION SYSTEMS	United States of America	Granted	9,015,742	2015-04-21	14/141,716	2013-12-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT A BLANK FRAME IN A	United States of America	Granted	7,984,462	2011-07-19	11/534,790	2006-09-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DIGITAL VIDEO BROADCAST SIGNAL						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT A BLANK FRAME IN A DIGITAL VIDEO BROADCAST SIGNAL	United States of America	Published			16/010,078	2018-06-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT CONTENT SKIPPING BY A CONSUMER OF A RECORDED PROGRAM	United States of America	Granted	7,248,777	2007-07-24	10/483,825	2003-04-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT CONTENT SKIPPING BY A CONSUMER OF A RECORDED PROGRAM	United States of America	Granted	8,989,554	2015-03-24	11/766,405	2007-06-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT CONTENT SKIPPING BY A CONSUMER OF A RECORDED PROGRAM	United States of America	Granted	9,350,939	2016-05-24	14/633,848	2015-02-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT CONTENT SKIPPING BY A CONSUMER OF A RECORDED PROGRAM	United States of America	Granted	9,743,135	2017-08-22	15/156,498	2016-05-17
The Nielsen Company (US), LLC	DIGITAL DATA INSERTION APPARATUS AND METHODS FOR USE WITH COMPRESSED	Australia	Granted	2011201930	2013-08-29	2011201930	2011-04-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AUDIO/VIDEO DATA						
The Nielsen Company (US), LLC	DIGITAL DATA INSERTION APPARATUS AND METHODS FOR USE WITH COMPRESSED AUDIO/VIDEO DATA	United States of America	Granted	9,106,347	2015-08-11	11/237,251	2005-09-08
The Nielsen Company (US), LLC	DIGITAL DATA INSERTION APPARATUS AND METHODS FOR USE WITH COMPRESSED AUDIO/VIDEO DATA	United States of America	Granted	9,900,633	2018-02-20	14/822,608	2015-08-10
The Nielsen Company (US), LLC	DIGITAL DATA INSERTION APPARATUS AND METHODS FOR USE WITH COMPRESSED AUDIO/VIDEO DATA	United States of America	Allowed			15/880,227	2018-01-25
The Nielsen Company (US), LLC	DIGITAL DATA INSERTION APPARATUS AND METHODS FOR USE WITH COMPRESSED AUDIO/VIDEO DATA	United States of America	Application			16/863,810	2020-04-30
The Nielsen Company (US), LLC	APPARATUS AND METHODS FOR TRACKING AND ANALYZING DIGITAL RECORDING DEVICE EVENT SEQUENCES	Germany (Federal Republic of)	Granted	60248742	2017-03-15	13001703.1	2013-04-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	APPARATUS AND METHODS FOR TRACKING AND ANALYZING DIGITAL RECORDING DEVICE EVENT SEQUENCES	Italy	Granted	2621164	2017-03-15	502017000061020	2013-04-03
The Nielsen Company (US), LLC	Apparatus And Methods For Tracking And Analyzing Digital Recording Device Event Sequences	United States of America	Granted	8,204,353	2012-06-19	11/138,576	2005-05-26
The Nielsen Company (US), LLC	APPARATUS AND METHODS FOR TRACKING AND ANALYZING DIGITAL RECORDING DEVICE EVENT SEQUENCES	United States of America	Granted	9,991,980	2018-06-05	12/144,915	2008-06-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT AN INTERNALLY GENERATED SIGNAL MODE OF A LOCAL MEDIA PLAYBACK DEVICE	United States of America	Granted	7,594,242	2009-09-22	11/466,684	2006-08-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT AN INTERNALLY GENERATED SIGNAL MODE OF A LOCAL MEDIA PLAYBACK DEVICE	United States of America	Granted	7,748,014	2010-06-29	12/493,837	2009-06-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT AN INTERNALLY GENERATED	United States of America	Granted	8,087,042	2011-12-27	12/784,137	2010-05-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	SIGNAL MODE OF A LOCAL MEDIA PLAYBACK DEVICE						
The Nielsen Company (US), LLC	Method and Apparatus for Detecting Time-Compressed Broadcast Content	United States of America	Granted	6,901,606	2005-05-31	10/442,411	2003-05-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MEDIA SOURCE IDENTIFICATION AND TIME SHIFTED MEDIA CONSUMPTION MEASUREMENTS	Germany (Federal Republic of)	Granted	602005025625 0.7998	2019-09-11	05824499.7-1241	2005-11-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MEDIA SOURCE IDENTIFICATION AND TIME SHIFTED MEDIA CONSUMPTION MEASUREMENTS	European Patent	Published			19193403.3	2005-11-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MEDIA SOURCE IDENTIFICATION AND TIME SHIFTED MEDIA CONSUMPTION MEASUREMENTS	France	Granted	1829368	2019-09-11	05824499.7-1241	2005-11-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MEDIA SOURCE IDENTIFICATION AND TIME SHIFTED MEDIA CONSUMPTION MEASUREMENTS	United Kingdom	Granted	1829368	2019-09-11	05824499.7-1241	2005-11-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MEDIA SOURCE	Netherlands	Granted	1829368	2019-09-11	05824499.7-1241	2005-11-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	IDENTIFICATION AND TIME SHIFTED MEDIA CONSUMPTION MEASUREMENTS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MEDIA SOURCE IDENTIFICATION AND TIME SHIFTED MEDIA CONSUMPTION MEASUREMENTS	United States of America	Granted	7,647,604	2010-01- 12	11/752,106	2007-05-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MEDIA SOURCE IDENTIFICATION AND TIME SHIFTED MEDIA CONSUMPTION MEASUREMENTS	United States of America	Granted	8,006,258	2011-08-23	12/636,505	2009-12-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING AUDIO/VIDEO CONTENT USING TEMPORAL SIGNAL CHARACTERISTICS	United States of America	Granted	7,650,616	2010-01-19	11/404,276	2006-04-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING AUDIO/VIDEO CONTENT USING TEMPORAL SIGNAL CHARACTERISTICS	United States of America	Granted	8,065,700	2011-11-22	12/639,942	2009-12-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING AND RECOVERING AN IMAGE FOR USE	United States of America	Granted	7,742,618	2010-06-22	11/363,765	2006-02-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	WITH VIDEO CONTENT						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING AND RECOVERING AN IMAGE FOR USE WITH VIDEO CONTENT	United States of America	Granted	7,848,540	2010-12-07	12/816,366	2010-06-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT AN OPERATING STATE OF A DISPLAY BASED ON VISIBLE LIGHT	United States of America	Granted	7,786,987	2010-08-31	11/388,555	2006-03-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT AN OPERATING STATE OF A DISPLAY	United States of America	Granted	9,027,043	2015-05-05	11/388,262	2006-03-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	Australia	Granted	2010200873	2012-12-20	2010200873	2010-03-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	Australia	Granted	2012261653	2015-07-09	2012261653	2010-03-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	China	Granted	101950561	2012-12-19	201010501205.X	2004-06-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	Germany (Federal Republic of)	Granted	602004053584.2	2018-12-26	4776572.2	2004-06-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	France	Granted	1639518	2018-12-26	4776572.2	2004-06-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	United Kingdom	Published			4776572.2	2004-06-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	Hong Kong	Granted	1150090	2013-08-30	11103846.7	2011-04-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	Netherlands	Granted	1639518	2018-12-26	4776572.2	2004-06-14
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR EMBEDDING WATERMARKS	United States of America	Granted	7,460,684	2008-12-02	11/298,040	2005-12-09
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR EMBEDDING WATERMARKS	United States of America	Granted	7,643,652	2010-01-05	12/269,733	2008-11-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	United States of America	Granted	8,085,975	2011-12-27	12/613,334	2009-11-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	United States of America	Granted	8,351,645	2013-01-08	13/283,271	2011-10-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	United States of America	Granted	8,787,615	2014-07-22	13/708,262	2012-12-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING WATERMARKS	United States of America	Granted	9,202,256	2015-12-01	14/330,681	2014-07-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR FUSING DATABASES	United States of America	Granted	7,698,345	2010-04-13	10/576,800	2003-10-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO OPERATE AN AUDIENCE	United States of America	Granted	7,353,171	2008-04-01	11/375,648	2006-03-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	METERING DEVICE WITH VOICE COMMANDS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO OPERATE AN AUDIENCE METERING DEVICE WITH VOICE COMMANDS	United States of America	Granted	7,752,042	2010-07-06	12/024,559	2008-02-01
The Nielsen Company (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	China	Granted	CN102289758B	2016-01-20	201110155719.9	2011-06-10
The Nielsen Company (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	China	Granted	201301157 47.7	2016-11-02	20130115747.7	2013-04-03
The Nielsen Company (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	Hong Kong	Granted	1165596B	2016-08-26	12105918.4	2012-06-18
The Nielsen Company (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	Hong Kong	Granted	1189441	2017-11-17	14102461	2014-03-12
The Nielsen Company (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	India	Application			4713/DELNP/2013	2013-05-28
The Nielsen Company (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM	United States of America	Granted	7,587,732	2009-09-08	11/405,067	2006-04-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEMS, APPARATUS AND METHODS	United States of America	Granted	8,806,535	2014-08- 12	12/540,154	2009-08-12
The Nielsen Company (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEMS, APPARATUS AND METHODS	United States of America	Granted	8,539,527	2013-09-17	13/017,907	2011-01-31
The Nielsen Company (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEMS, APPARATUS AND METHODS	United States of America	Granted	9,615,114	2017-04-04	14/448,715	2014-07-31
The Nielsen Company (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEMS, APPARATUS AND METHODS	United States of America	Granted	10,085,052	2018-09-25	15/476,464	2017-03-31
The Nielsen Company (US), LLC	PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEMS, APPARATUS AND METHODS	United States of America	Published			16/140,231	2018-09-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DISTINGUISH A SIGNAL ORIGINATING FROM A LOCAL DEVICE FROM A BROADCAST SIGNAL	Canada	Granted	2,899,107	2017-12-05	2,899,107	2015-07-31

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DISTINGUISH A SIGNAL ORIGINATING FROM A LOCAL DEVICE FROM A BROADCAST SIGNAL	United States of America	Granted	7,643,090	2010-01-05	10/596,858	2004-12-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DISTINGUISH A SIGNAL ORIGINATING FROM A LOCAL DEVICE FROM A BROADCAST SIGNAL	United States of America	Granted	8,553,148	2013-10-08	12/626,544	2009-11-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MONITORING VIDEO GAMES	United States of America	Granted	8,863,218	2014-10- 14	11/465,389	2006-08-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MONITORING VIDEO GAMES	United States of America	Granted	9,491,518	2016-11-08	14/512,005	2014-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MONITORING VIDEO GAMES	United States of America	Granted	10,405,05 0	2019-09-03	15/299,118	2016-10-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MONITORING VIDEO GAMES	United States of America	Published			16/555,878	2019-08-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING VIEWING INFORMATION ASSOCIATED WITH A DIGITAL MEDIA DEVICE	United States of America	Granted	8,505,042	2013-08-06	11/618,442	2006-12-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	Australia	Granted	2009250975	2011-06-23	2009250975	2009-12-16
The Nielsen Company (US), LLC	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	Canada	Granted	2,956,981	2019-05-21	2,956,981	2005-03-08
The Nielsen Company (US), LLC	VARIABLE ENCODING	Germany (Federal Republi	Granted	602005052285.9	2017-07-05	14004084.1	2014-12-03
The Nielsen Company (US), LLC	VARIABLE ENCODING	France	Granted	2849364	2017-07-05	14004084.1	2014-12-03
The Nielsen Company (US), LLC	VARIABLE ENCODING	United Kingdom	Granted	2849364	2017-07-05	14004084.1	2014-12-03
The Nielsen Company (US), LLC	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	United States of America	Granted	8,761,301	2014-06-24	13/776,402	2013-02-25
The Nielsen Company (US), LLC	VARIABLE ENCODING AND DETECTION APPARATUS AND METHODS	United States of America	Granted	9,210,416	2015-12-08	14/141,641	2013-12-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR COLLECTING MEDIA CONSUMPTION DATA BASED ON USAGE INFORMATION	United States of America	Granted	7,584,484	2009-09-01	11/951,864	2007-12-06
The Nielsen Company (US), LLC	Method and System for Market Research Data Mining	United States of America	Granted	7,512,542	2009-03-31	09/329,487	1999-06-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Method and System for Market Research Data Mining	United States of America	Granted	8,027,866	2011-09-27	12/371,723	2009-02-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE AUDIENCE VIEWING OF RECORDED PROGRAMS	Australia	Granted	2011213735	2013-10-24	2011213735	2011-08-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE AUDIENCE VIEWING OF RECORDED PROGRAMS	United States of America	Granted	8,065,697	2011-11-22	11/465,260	2006-08-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE AUDIENCE VIEWING OF RECORDED PROGRAMS	United States of America	Granted	8,869,187	2014-10-21	13/240,805	2011-09-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT A TIME-SHIFT EVENT ASSOCIATED WITH THE PRESENTATION OF MEDIA CONTENT	Australia	Granted	2011202025	2014-07-17	2011202025	2011-05-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETECTING SPACE-SHIFTED MEDIA CONTENT ASSOCIATED WITH DIGITAL RECORDING/PLAY BACK DEVICE	United States of America	Granted	8,682,137	2014-03-25	11/750,881	2007-05-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETECTING SPACE-SHIFTED MEDIA ASSOCIATED WITH A DIGITAL RECORDING/PLAY BACK DEVICE	United States of America	Granted	9,538,240	2017-01-03	14/139,029	2013-12-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETECTING SPACE-SHIFTED MEDIA ASSOCIATED WITH A DIGITAL RECORDING/PLAY BACK DEVICE	United States of America	Granted	10,075,762	2018-09-11	15/360,830	2016-11-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETECTING SPACE-SHIFTED MEDIA ASSOCIATED WITH A DIGITAL RECORDING/PLAY BACK DEVICE	United States of America	Allowed			16/126,853	2018-09-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR USING AUDIENCE MEMBER BEHAVIOR INFORMATION TO DETERMINE COMPLIANCE WITH AUDIENCE MEASUREMENT SYSTEM USAGE REQUIREMENTS	United States of America	Granted	8,650,586	2014-02-11	11/856,602	2007-09-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR USING AUDIENCE MEMBER BEHAVIOR INFORMATION TO	United States of America	Granted	9,167,298	2015-10-20	14/137,076	2013-12-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DETERMINE COMPLIANCE WITH AUDIENCE MEASUREMENT SYSTEM USAGE REQUIREMENTS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR USING AUDIENCE MEMBER BEHAVIOR INFORMATION TO DETERMINE COMPLIANCE WITH AUDIENCE MEASUREMENT SYSTEM USAGE REQUIREMENTS	United States of America	Granted	9,118,962	2015-08-25	14/137,190	2013-12-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MAINTAIN AUDIENCE PRIVACY WHILE DETERMINING VIEWING OF VIDEO-ON-DEMAND PROGRAMS	Canada	Granted	2,933,668	2019-01-08	2,933,668	2016-06-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MAINTAIN AUDIENCE PRIVACY WHILE DETERMINING VIEWING OF VIDEO-ON-DEMAND PROGRAMS	United States of America	Granted	8,381,241	2013-02-19	12/769,163	2010-04-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MAINTAIN AUDIENCE PRIVACY WHILE DETERMINING VIEWING OF	United States of America	Granted	8,707,340	2014-04-22	13/762,025	2013-02-07

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	VIDEO-ON-DEMAND PROGRAMS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MAINTAIN AUDIENCE PRIVACY WHILE DETERMINING VIEWING OF VIDEO-ON-DEMAND PROGRAMS	United States of America	Granted	9,565,473	2017-02-07	14/223,560	2014-03-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MONITORING THE INSERTION OF LOCAL MEDIA INTO A PROGRAM STREAM	United States of America	Published			16/428,313	2019-05-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MONITORING THE INSERTION OF LOCAL MEDIA INTO A PROGRAM STREAM	United States of America	Application			16/790,721	2020-02-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MONITORING THE INSERTION OF LOCAL MEDIA CONTENT INTO A PROGRAM STREAM	United States of America	Granted	8,924,995	2014-12-30	11/618,245	2006-12-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MONITORING THE INSERTION OF LOCAL MEDIA CONTENT INTO A PROGRAM STREAM	United States of America	Granted	9,544,622	2017-01-10	14/556,095	2014-11-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MONITORING THE INSERTION OF LOCAL MEDIA INTO A PROGRAM STREAM	United States of America	Granted	10,356,446	2019-07-16	15/368,136	2016-12-02
The Nielsen Company (US), LLC	DATA INSERTION APPARATUS AND METHODS FOR USE WITH COMPRESSED AUDIO/VIDEO DATA	United States of America	Granted	7,853,124	2010-12-14	11/535,269	2006-09-26
The Nielsen Company (US), LLC	DATA INSERTION APPARATUS AND METHODS FOR USE WITH COMPRESSED AUDIO/VIDEO DATA	United States of America	Granted	8,600,216	2013-12-03	12/942,800	2010-11-09
The Nielsen Company (US), LLC	DATA INSERTION APPARATUS AND METHODS FOR USE WITH COMPRESSED AUDIO/VIDEO DATA	United States of America	Granted	9,332,307	2016-05-03	14/089,266	2013-11-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR INDIRECT ILLUMINATION IN ELECTRONIC MEDIA RATING SYSTEMS	United States of America	Granted	7,631,324	2009-12-08	11/916,511	2005-06-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR INDIRECT ILLUMINATION IN ELECTRONIC MEDIA RATING SYSTEMS	United States of America	Granted	7,805,739	2010-09-28	12/606,889	2009-10-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR INDIRECT ILLUMINATION IN ELECTRONIC MEDIA RATING SYSTEMS	United States of America	Granted	7,926,073	2011-04-12	12/870,565	2010-08-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IMAGE IDENTIFICATION IN PRINT ADVERTISEMENTS	Australia	Granted	2011265426	2012-09-20	2011265426	2011-12-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IMAGE IDENTIFICATION IN PRINT ADVERTISEMENTS	United States of America	Granted	8,368,918	2013-02-05	11/855,768	2007-09-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY IMAGES IN PRINT ADVERTISEMENTS	United States of America	Granted	9,007,647	2015-04-14	13/721,887	2012-12-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MIXING COMPRESSED DIGITAL BIT STREAMS	United States of America	Granted	8,412,363	2013-04-02	11/571,483	2005-06-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MIXING COMPRESSED DIGITAL BIT STREAMS	United States of America	Granted	9,191,581	2015-11-17	13/800,249	2013-03-13
The Nielsen Company (US), LLC	DATA CLASSIFICATION METHODS AND APPARATUS FOR	United States of America	Granted	7,516,111	2009-04-07	11/692,480	2007-03-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	USE WITH DATA FUSION						
The Nielsen Company (US), LLC	DATA CLASSIFICATION METHODS AND APPARATUS FOR USE WITH DATA FUSION	United States of America	Granted	7,792,771	2010-09-07	12/389,162	2009-02-19
The Nielsen Company (US), LLC	DATA CLASSIFICATION METHODS AND APPARATUS FOR USE WITH DATA FUSION	United States of America	Granted	8,234,226	2012-07-31	12/847,856	2010-07-30
The Nielsen Company (US), LLC	DATA CLASSIFICATION METHODS AND APPARATUS FOR USE WITH DATA FUSION	United States of America	Granted	8,533,138	2013-09-10	13/538,933	2012-06-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	Australia	Granted	2010201753	2012-08-09	2010201753	2010-05-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	Hong Kong	Application			12112689.7	2012-12-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	United States of America	Granted	7,712,114	2010-05-04	11/672,706	2007-02-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR	United States of America	Granted	8,108,888	2012-01-31	12/725,018	2010-03-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	United States of America	Granted	8,683,504	2014-03-25	13/341,575	2011-12-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	United States of America	Granted	9,015,743	2015-04-21	14/188,245	2014-02-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR AUDIO/VISUAL CONTENT FROM VARIOUS SOURCES	United States of America	Granted	9,301,007	2016-03-29	14/686,470	2015-04-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR USING LOCATION INFORMATION TO MANAGE SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	Germany (Federal Republic of)	Granted	602005055397.5	2019-02-20	05798935.2-1224	2005-09-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR USING LOCATION INFORMATION TO MANAGE SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	France	Granted	1805918	2019-02-20	05798935.2-1224	2005-09-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR USING LOCATION INFORMATION TO MANAGE SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	Netherlands	Granted	1805918	2019-02-20	05798935.2-1224	2005-09-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR USING LOCATION INFORMATION TO MANAGE SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	United States of America	Granted	7,739,705	2010-06-15	11/692,087	2007-03-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR USING LOCATION INFORMATION TO MANAGE SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	United States of America	Granted	9,094,710	2015-07-28	12/757,755	2010-04-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR USING LOCATION INFORMATION TO MANAGE SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	United States of America	Granted	9,794,619	2017-10-17	14/800,304	2015-07-15
The Nielsen Company (US), LLC	COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS	Australia	Granted	2011250691	2013-10-24	2011250691	2011-11-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS	Canada	Granted	2,878,766	2017-10-03	2,878,766	2015-01-20
The Nielsen Company (US), LLC	COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS	China	Granted	201210147529.7	2016-06-08	201210147529.7	2012-05-11
The Nielsen Company (US), LLC	COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS	Hong Kong	Granted	1175909B	2017-09-01	13102839.6	2013-03-07
The Nielsen Company (US), LLC	COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS	United States of America	Granted	9,721,576	2017-08-01	14/188,250	2014-02-24
The Nielsen Company (US), LLC	DIGITAL RIGHTS MANAGEMENT SYSTEMS AND METHODS FOR AUDIENCE MEASUREMENT	United States of America	Published			14/448,797	2014-07-31
The Nielsen Company (US), LLC	Cooperative System for Measuring Electronic Media	United States of America	Granted	8,181,194	2012-05-15	10/026,872	2001-12-21
The Nielsen Company (US), LLC	Cooperative System for Measuring Electonic Media	United States of America	Granted	8,266,646	2012-09-11	10/283,953	2002-10-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PRINTED MEDIA	Australia	Granted	2010200695	2011-09-01	2010200695	2010-02-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PRINTED MEDIA	United States of America	Granted	8,181,848	2012-05-22	12/064,565	2006-09-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO METER CONTECT EXPOSURE USING CLOSED CAPTION INFORMATION	Germany (Federal Republic of)	Granted	2030439	2018-09-19	7784391	2007-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO METER CONTECT EXPOSURE USING CLOSED CAPTION INFORMATION	United Kingdom	Granted	2030439	2018-09-19	7784391	2007-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO METER CONTENT EXPOSURE USING CLOSED CAPTION INFORMATION	Hong Kong	Granted	1132405	2013-03-01	9111849	2009-12-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO METER CONTECT EXPOSURE USING CLOSED CAPTION INFORMATION	Netherlands	Granted	2030439	2018-09-19	7784391	2007-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO METER CONTENT EXPOSURE USING CLOSED CAPTION INFORMATION	United States of America	Granted	8,151,291	2012-04-03	11/761,033	2007-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING COMPUTER-BASED MEDIA PRESENTATION	European Patent	Application			20167058.5	2006-09-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING COMPUTER-	Hong Kong	Granted	1133313B	2018-08-24	10100487.8	2010-01-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	BASED MEDIA PRESENTATION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING COMPUTER-BASED MEDIA PRESENTATION	Korea, Republic of (KR)	Granted	10-1541048	2015-07-27	10-2013-7035038	2013-12-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING COMPUTER-BASED MEDIA PRESENTATION	United States of America	Granted	9,209,917	2015-12-08	12/055,769	2008-03-26
The Nielsen Company (US), LLC	METHOD, APPARATUS AND SYSTEM TO COLLECT MEDIA IN A HOUSEHOLD	China	Granted	ZL201710165536.2	2019-08-27	201710165536.2	2017-03-20
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO WIRELESSLY METER AUDIO/VISUAL DEVICES	Mexico	Granted	317016	2014-01-10	MX/a/2012/006439	2012-06-05
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO WIRELESSLY METER AUDIO/VISUAL DEVICES	Mexico	Granted	321871	2014-07-11	MX/a/2013/015117	2013-12-18
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO WIRELESSLY METER AUDIO/VISUAL DEVICES	United States of America	Granted	8,763,022	2014-06-24	12/088,798	2006-12-12
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO WIRELESSLY METER AUDIO/VISUAL DEVICES	United States of America	Granted	9,015,740	2015-04-21	14/277,456	2014-05-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA CONTENT ON A CONSUMER NETWORK	United States of America	Granted	8,122,464	2012-02-21	12/088,747	2006-06-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA CONTENT ON A CONSUMER NETWORK	United States of America	Granted	8,640,154	2014-01-28	13/400,459	2012-02-20
The Nielsen Company (US), LLC	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	Australia	Granted	2010219320	2013-12-05	2010219320	2010-09-07
The Nielsen Company (US), LLC	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	Australia	Granted	2013203468	2016-01-28	2013203468	2013-04-10
The Nielsen Company (US), LLC	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	United States of America	Granted	7,882,514	2011-02-01	11/576,328	2007-03-29
The Nielsen Company (US), LLC	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	United States of America	Granted	8,526,626	2013-09-03	12/831,870	2010-07-07
The Nielsen Company (US), LLC	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	United States of America	Granted	9,420,334	2016-08-16	14/015,664	2013-08-30
The Nielsen Company (US), LLC	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	United States of America	Granted	9,961,342	2018-05-01	15/207,019	2016-07-11

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	United States of America	Granted	10,110,889	2018-10-23	15/958,814	2018-04-20
The Nielsen Company (US), LLC	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	United States of America	Granted	10,306,221	2019-05-28	16/166,871	2018-10-22
The Nielsen Company (US), LLC	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	United States of America	Granted	10,506,226	2019-12-10	16/417,128	2019-05-20
The Nielsen Company (US), LLC	DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS	United States of America	Application			16/706,280	2019-12-06
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR THE ANALYSIS OF BROADCAST DATA	United States of America	Granted	7,624,409	2009-11-24	10/274,018	2002-10-18
The Nielsen Company (US), LLC	MULTI-MARKET BROADCAST ADVERTISING TRACKING, MANAGING AND REPORTING SYSTEM AND METHOD	United States of America	Granted	7,039,931	2006-05-02	10/465,722	2003-06-19
The Nielsen Company (US), LLC	MULTI-MARKET BROADCAST TRACKING, MANAGEMENT AND REPORTING METHOD AND SYSTEM	United States of America	Granted	7,716,698	2010-05-11	11/400,944	2006-04-10
The Nielsen Company (US), LLC	REMOTE SENSING SYSTEM	United States of America	Granted	7,395,062	2008-07-01	10/659,514	2003-09-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	Australia	Granted	2013203923	2015-05-14	2013203923	2011-10-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	Germany (Federal Republic of)	Granted	602006016322.3	2010-08-18	06 827 898.5-1237	2006-10-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	Germany (Federal Republic of)	Granted	602006054354.9	2017-12-13	10 008 093.6-2223	2010-08-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	Germany (Federal Republic of)	Granted	602006044063.4	2014-12-17	11 006 764.2-2225	2011-08-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	European Patent	Granted	2261927	2017-12-13	10008093.6-2223	2010-08-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	France	Granted	1 949 579	2010-08-18	06 827 898.5-1237	2006-10-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	France	Granted	2421183	2014-12-17	11 006 764.2-2225	2011-08-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	United Kingdom	Granted	1 949 579	2010-08-18	06 827 898.5-1237	2006-10-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING	United Kingdom	Granted	2261927	2017-12-13	10 008 093.6-2223	2010-08-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	PORTABLE MEDIA PLAYERS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	United Kingdom	Granted	2421183	2014-12-17	11 006 764.2-2225	2011-08-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	Italy	Granted	2261927	2017-12-13	502018000007685	2010-08-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	Mexico	Granted	319368	2014-04-11	MX/a/2011/013715	2011-12-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	Mexico	Granted	330587	2015-06-05	MX/a/2014/004336	2006-10-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING A PORTABLE MEDIA PLAYERS	United States of America	Granted	8,914,819	2014-12-16	12/106,040	2008-04-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING A PORTABLE MEDIA PLAYERS	United States of America	Granted	9,514,135	2016-12-06	14/529,922	2014-10-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	United States of America	Granted	10,356,471	2019-07-16	15/299,652	2016-10-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING PORTABLE MEDIA PLAYERS	United States of America	Published			16/512,341	2019-07-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS, SYSTEMS, AND APPARATUS FOR MULTI-PRUPOSE METERING	Canada	Granted	2,932,384	2018-10-02	2,932,384	2016-06-08
The Nielsen Company (US), LLC	METHODS, SYSTEMS, AND APPARATUS FOR MULTI-PRUPOSE METERING	Canada	Application			3,016,376	2007-04-02
The Nielsen Company (US), LLC	METHODS, SYSTEMS, AND APPARATUS FOR MULTI-PURPOSE METERING	Germany (Federal Republic of)	Granted	602007055045.7	2018-06-06	07754662.0-1237	2007-04-02
The Nielsen Company (US), LLC	METHODS, SYSTEMS, AND APPARATUS FOR MULTI-PURPOSE METERING	United Kingdom	Granted	2005625	2018-06-06	07754662.0-1237	2007-04-02
The Nielsen Company (US), LLC	METHODS, SYSTEMS, AND APPARATUS FOR MULTI-PURPOSE METERING	Italy	Granted	2005625	2018-06-06	502018000025524	2007-04-02
The Nielsen Company (US), LLC	METHODS, SYSTEMS, AND APPARATUS FOR MULTI-PURPOSE METERING	United States of America	Granted	8,327,396	2012-12-04	11/957,082	2007-12-14
The Nielsen Company (US), LLC	METHODS, SYSTEMS, AND APPARATUS FOR MULTI-PURPOSE METERING	United States of America	Granted	8,752,081	2014-06-10	13/690,652	2012-11-30
The Nielsen Company (US), LLC	METHODS, SYSTEMS, AND APPARATUS FOR MULTI-PURPOSE METERING	United States of America	Granted	9,055,336	2015-06-09	14/280,949	2014-05-19
The Nielsen Company (US), LLC	METHODS, SYSTEMS, AND APPARATUS FOR	United States of America	Granted	9,185,457	2015-11-10	14/733,651	2015-06-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MULTI-PURPOSE METERING						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETECTING ON SCREEN MEDIA SOURCES	Hong Kong	Granted	1132871	2012-07-06	10100279	2010-01-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETECTING ON-SCREEN MEDIA SOURCES	United States of America	Granted	8,019,162	2011-09-13	11/923,141	2007-10-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR CONSUMER BEHAVIOR ASSOCIATED WITH LOCATION-BASED WEB SERVICES	United States of America	Published			16/006,828	2018-06-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT CARRYING OF A PORTABLE AUDIENCE MEASUREMENT DEVICE	United States of America	Granted	8,843,948	2014-09-23	12/234,458	2008-09-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT CARRYING OF A PORTABLE AUDIENCE MEASUREMENT DEVICE	United States of America	Granted	9,491,508	2016-11-08	14/447,980	2014-07-31
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS	United States of America	Published			16/427,751	2019-05-31

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	COMMUNICATION DEVICE						
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	Canada	Granted	2,841,017	2016-12-20	2,841,017	2007-03-27
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	Canada	Granted	2,947,649	2020-04-14	2,947,649	2016-11-07
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	Canada	Application			3,074,180	2007-03-27
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	Germany (Federal Republic of)	Granted	602007051579.3	2017-07-05	15003366	2015-11-25
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	France	Granted	3010167	2017-07-05	15003366	2015-11-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	United Kingdom	Granted	3010167	2017-07-05	15003366	2015-11-25
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	Italy	Granted	3010167	2017-07-05	502017000105686	2015-11-25
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	Korea, Republic of (KR)	Granted	10-1583268	2015-12-31	10-2014-7036820	2014-12-29
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	United States of America	Granted	8,514,907	2013-08-20	11/877,413	2007-10-23
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	United States of America	Granted	9,438,939	2016-09-06	13/930,799	2013-06-28
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A	United States of America	Granted	9,942,584	2018-04-10	15/224,039	2016-07-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	WIRELESS COMMUNICATION DEVICE						
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	United States of America	Granted	10,412,427	2019-09-10	15/943,479	2018-04-02
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO METER MEDIA CONTENT PRESENTED ON A WIRELESS COMMUNICATION DEVICE	United States of America	Published			15/943,482	2018-04-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IMPROVING DATA WAREHOUSE PERFORMANCE	China	Granted	201210154165.5	2016-12-14	201210154165.5	2012-05-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IMPROVING DATA WAREHOUSE PERFORMANCE	Hong Kong	Granted	1132815	2013-01-25	10100275.4	2010-01-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IMPROVING DATA WAREHOUSE PERFORMANCE	United States of America	Granted	7,523,124	2009-04-21	12/088,809	2007-06-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IMPROVING DATA WAREHOUSE PERFORMANCE	United States of America	Granted	8,219,521	2012-07-10	12/400,962	2009-03-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IMPROVING DATA WAREHOUSE PERFORMANCE	United States of America	Granted	8,738,576	2014-05-27	13/529,359	2012-06-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING CODES IN COMPRESSED AUDIO DATA STREAMS	Germany (Federal Republic of)	Granted	602007043058.5	2015-09-09	07844106.0-1225	2007-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING CODES IN COMPRESSED AUDIO DATA STREAMS	Germany (Federal Republic of)	Granted	2958106	2018-07-18	15002186.3	2007-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING CODES IN COMPRESSED AUDIO DATA STREAMS	European Patent	Granted	2958106	2018-07-18	15002186.3	2015-07-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING CODES IN COMPRESSED AUDIO DATA STREAMS	France	Granted	2095560	2015-09-09	07844106.0-1225	2007-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING CODES IN COMPRESSED AUDIO DATA STREAMS	United Kingdom	Granted	2095560	2015-09-09	07844106.0-1225	2007-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING CODES IN COMPRESSED AUDIO DATA STREAMS	United Kingdom	Granted	2958106	2018-07-18	15002186.3	2007-10-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING CODES IN COMPRESSED AUDIO DATA STREAMS	Italy	Granted	2095560	2015-09-09	07844106.0-1225	2007-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING CODES IN COMPRESSED AUDIO DATA STREAMS	United States of America	Granted	8,078,301	2011-12-13	11/870,275	2007-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING CODES IN COMPRESSED AUDIO DATA STREAMS	United States of America	Granted	8,972,033	2015-03-03	13/250,354	2011-09-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EMBEDDING CODES IN COMPRESSED AUDIO DATA STREAMS	United States of America	Granted	9,286,903	2016-03-15	14/631,395	2015-02-25
The Nielsen Company (US), LLC	CONNECTOR RETAINERS AND METHODS OF SECURING A CONNECTOR IN A RECEPTACLE	United States of America	Granted	7,559,788	2009-07-14	11/933,920	2007-11-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO METER VIDEO GAME PLAY	United States of America	Granted	8,430,752	2013-04- 30	12/023,844	2008-01-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO METER VIDEO GAME PLAY	United States of America	Granted	8,784,207	2014-07-22	13/847,860	2013-03-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE BRAND EXPOSURE IN MEDIA STREAMS	United States of America	Published			16/596,275	2019-10-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE BRAND EXPOSURE IN MEDIA STREAMS	United States of America	Granted	9,239,958	2016-01-19	12/239,412	2008-09-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE BRAND EXPOSURE IN MEDIA STREAMS	United States of America	Granted	9,785,840	2017-10-10	14/997,116	2016-01-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE BRAND EXPOSURE IN MEDIA STREAMS	United States of America	Granted	10,445,581	2019-10-15	15/721,171	2017-09-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	Germany (Federal Republi	Granted	602008055528.3	2018-06-06	8747030	2008-04-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	European Patent	Granted	2156583	2018-06-06	8747030	2008-04-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	United States of America	Granted	8,458,737	2013-06-04	12/110,951	2008-04-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	United States of America	Granted	9,136,965	2015-09-15	13/907,278	2013-05-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIENCE MEASUREMENT USING GLOBAL SIGNATURE	United States of America	Granted	8,707,341	2014-04-22	13/532,264	2012-06-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	REPRESENTATION AND MATCHING						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIENCE MEASUREMENT USING GLOBAL SIGNATURE REPRESENTATION AND MATCHING	United States of America	Granted	9,282,369	2016-03-08	14/223,526	2014-03-24
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IDENTIFY INTENTIONALLY PLACED PRODUCTS	Australia	Granted	2012216513	2015-05-28	2012216513	2012-08-29
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IDENTIFY INTENTIONALLY PLACED PRODUCTS	Australia	Granted	2015202419	2017-03-09	2015202419	2015-05-06
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IDENTIFY INTENTIONALLY PLACED PRODUCTS	Canada	Granted	2,687,691	2017-05-09	2,687,691	2008-03-14
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IDENTIFY INTENTIONALLY PLACED PRODUCTS	Canada	Application			2,961,303	2017-03-20
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IDENTIFY INTENTIONALLY PLACED PRODUCTS	Hong Kong	Granted	1135264	2013-07-26	10103409.7	2010-04-07
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IDENTIFY INTENTIONALLY	United States of America	Granted	9,563,897	2017-02-07	12/049,077	2008-03-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	PLACED PRODUCTS						
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IDENTIFY INTENTIONALLY PLACED PRODUCTS	United States of America	Published			15/360,832	2016-11-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	Australia	Granted	2012211498	2015-01-08	2012211498	2012-08-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	Australia	Granted	2013203321	2015-04-30	2013203321	2013-04-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	China	Granted	201310050752.4	2016-06-01	201310050752.4	2013-02-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	Hong Kong	Granted	1142186	2013-07-05	10108511.1	2010-09-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	United States of America	Granted	8,060,372	2011-11-15	12/034,489	2008-02-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	United States of America	Granted	8,364,491	2013-01-29	13/250,663	2011-09-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CHARACTERIZING MEDIA	United States of America	Granted	8,457,972	2013-06-04	13/619,023	2012-09-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO WEIGHT INCOMPLETE RESPONDENT DATA	Australia	Granted	2008266077	2012-10-11	2008266077	2008-06-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO WEIGHT INCOMPLETE RESPONDENT DATA	European Patent	Published			08 770 939.0-1238	2008-06-13
The Nielsen Company (US), LLC	CONNECTOR RETAINERS AND METHODS OF SECURING A CONNECTOR IN A RECEPTACLE	United States of America	Granted	7,563,123	2009-07-21	11/864,161	2007-09-28
The Nielsen Company (US), LLC	DIGITAL RIGHTS MANAGEMENT AND AUDIENCE MEASUREMENT SYSTEMS AND METHODS	United States of America	Granted	8,249,992	2012-08-21	12/052,849	2008-03-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR PERFORMING VARIABLE BLOCK LENGTH WATERMARKING OF MEDIA	United States of America	Granted	8,457,951	2013-06-04	12/361,991	2009-01-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR PERFORMING VARIABLE BLOCK LENGTH WATERMARKING OF MEDIA	United States of America	Granted	9,947,327	2018-04-17	13/907,286	2013-05-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR PERFORMING VARIABLE BLOCK LENGTH WATERMARKING OF MEDIA	United States of America	Allowed			15/908,457	2018-02-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SPECIFY REGIONS OF INTEREST IN VIDEO FRAMES	United States of America	Granted	8,059,865	2011-11-15	12/239,425	2008-09-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SPECIFY REGIONS OF INTEREST IN VIDEO FRAMES	United States of America	Granted	8,300,893	2012-10-30	13/250,331	2011-09-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SPECIFY REGIONS OF INTEREST IN VIDEO FRAMES	United States of America	Granted	9,286,517	2016-03-15	13/618,867	2012-09-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MODEL SET-TOP BOX DATA	Australia	Granted	2008260397	2012-11-29	2008260397	2008-04-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MODEL SET-TOP BOX DATA	United Kingdom	Granted	GB2462554	2011-11-16	GB0920943.8	2008-04-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Australia	Granted	2008321318	2013-02-14	2008321318	2008-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Australia	Granted	2012241085	2015-02-05	2012241085	2012-10-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Canada	Granted	2,705,549	2015-12-01	2,705,549	2008-10-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Canada	Granted	2,858,944	2017-08-22	2,858,944	2014-08-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	China	Granted	200880120098.7	2013-11-13	200880120098.7	2008-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Germany (Federal Republic of)	Granted	602008050422	2017-05-24	08850597.9-2225	2008-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	France	Granted	2210252	2017-05-24	08850597.9-2225	2008-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United Kingdom	Granted	2210252	2017-05-24	08850597.9-2225	2008-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND	Hong Kong	Granted	1150467	2014-07-11	11104427.3	2011-05-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	WATERMARK DETECTION AND EXTRACTION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Italy	Granted	2210252	2017-05-24	502017000095114	2008-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Japan	Granted	5414684	2013-11-22	2010-534075	2008-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United States of America	Granted	8,369,972	2013-02-05	12/249,619	2008-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United States of America	Granted	9,460,730	2016-10-04	13/730,271	2012-12-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United States of America	Granted	9,972,332	2018-05-15	15/269,158	2016-09-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United States of America	Granted	10,580,421	2020-03-03	15/973,154	2018-05-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United States of America	Application			16/806,851	2020-03-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATIG SIGNATURES	Canada	Granted	2,717,723	2016-10-18	2,717,723	2008-11-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATIG SIGNATURES	China	Granted	102007714	2013-01-02	200880128616.X	2008-11-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATIG SIGNATURES	China	Granted	102982810B	2016-01-13	201210478344.4	2012-11-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATIG SIGNATURES	Germany (Federal Republic of)	Granted	602008033508.9	2014-07-23	08 873 178.1	2008-11-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATIG SIGNATURES	Spain	Granted	2263335	2014-07-23	08 873 178.1	2008-11-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATIG SIGNATURES	France	Granted	2263335	2014-07-23	08 873 178.1	2008-11-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR	United Kingdom	Granted	2263335	2014-07-23	08 873 178.1	2008-11-06

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	GENERATIG SIGNATURES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATIG SIGNATURES	Hong Kong	Granted	1155863	2013-09-06	11109921.3	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATIG SIGNATURES	Italy	Granted	2263335	2014-07-23	08 873 178.1	2008-11-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATIG SIGNATURES	Japan	Granted	5266343	2013-05-10	2010-549634	2008-11-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATIG SIGNATURES	Netherlands	Granted	2263335	2014-07-23	08 873 178.1	2008-11-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	United States of America	Granted	8,600,531	2013-12-03	12/266,380	2008-11-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATING SIGNATURES	United States of America	Granted	9,326,044	2016-04-26	14/074,499	2013-11-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT MEDIA MONITORING INFORMATION	United States of America	Granted	8,166,497	2012-04-24	12/035,974	2008-02-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREATE A MEDIA MEASUREMENT REFERENCE DATABASE FROM A PLURALITY OF DISTRIBUTED SOURCES	Australia	Granted	2008314573	2013-12-05	2008314573	2008-03-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREATE A MEDIA MEASUREMENT	Australia	Granted	2013260728	2015-11-19	2013260728	2013-11-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	REFERENCE DATABASE FROM A PLURALITY OF DISTRIBUTED SOURCES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREATE A MEDIA MEASUREMENT REFERENCE DATABASE FROM A PLURALITY OF DISTRIBUTED SOURCES	Australia	Granted	2015252136	2017-06-15	2015252136	2015-11-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREATE A MEDIA MEASUREMENT REFERENCE DATABASE FROM A PLURALITY OF DISTRIBUTED SOURCES	Canada	Granted	2,703,328	2017-07-25	2,703,328	2008-03-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREATE A MEDIA MEASUREMENT REFERENCE DATABASE FROM A PLURALITY OF DISTRIBUTED SOURCES	Germany (Federal Republic of)	Granted	602008057679.5	2018-10-31	08743857.8-1224	2008-03-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREATE A MEDIA MEASUREMENT REFERENCE DATABASE FROM A PLURALITY OF DISTRIBUTED SOURCES	European Patent	Granted	2213026	2018-10-31	08743857.8-1224	2008-03-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREATE A MEDIA MEASUREMENT	France	Granted	2213026	2018-10-31	08743857.8-1224	2008-03-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	REFERENCE DATABASE FROM A PLURALITY OF DISTRIBUTED SOURCES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREATE A MEDIA MEASUREMENT REFERENCE DATABASE FROM A PLURALITY OF DISTRIBUTED SOURCES	Netherlands	Granted	2213026	2018-10-31	08743857.8-1224	2008-03-13
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GENERATE AN ENERGY CONSUMPTION INDEX	United States of America	Granted	8,170,886	2012-05-01	12/414,289	2009-03-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE SMART TEXT	Australia	Granted	2009212733	2011-12-08	2009212733	2009-01-30
The Nielsen Company (US), LLC	METHOD, APPARATUS, AND STORAGE MEDIUM TO GENERATE SMART TEXT	Japan	Granted	5253519	2013-04-26	2010-545208	2009-01-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE SMART TEXT	United States of America	Granted	8,306,844	2012-11-06	12/363,040	2009-01-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE SMART TEXT	United States of America	Granted	8,762,192	2014-06-24	13/654,899	2012-10-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT MEDIA EXPOSURE INFORMATION	United States of America	Granted	8,326,212	2012-12-04	12/164,967	2008-06-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT MEDIA EXPOSURE INFORMATION	United States of America	Granted	8,666,303	2014-03-04	13/663,373	2012-10-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT MEDIA EXPOSURE INFORMATION	United States of America	Granted	9,172,997	2015-10-27	14/157,484	2014-01-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE AND USE CONTENT-AWARE WATERMARKS	United States of America	Granted	9,042,598	2015-05-26	14/324,901	2014-07-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR, VERIFY, AND RATE THE PERFORMANCE OF AIRINGS OF	United States of America	Granted	9,064,270	2015-06-23	14/144,189	2013-12-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR, VERIFY, AND RATE THE PERFORMANCE OF AIRINGS OF	United States of America	Granted	9,508,086	2016-11-29	14/746,217	2015-06-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PERSONS IN A MONITORED ENVIRONMENT	United States of America	Granted	8,411,963	2013-04-02	12/537,955	2009-08-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PERSONS IN A MONITORED ENVIRONMENT	United States of America	Granted	9,344,205	2016-05-17	13/854,465	2013-04-01

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDITING SIGNAGE	United States of America	Granted	8,649,610	2014-02-11	13/664,149	2012-10-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PLAY AND CONTROL PLAYING OF MEDIA CONTENT IN A WEB PAGE	Australia	Granted	2008354332	2013-08-01	2008354332	2008-04-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PLAY AND CONTROL PLAYING OF MEDIA CONTENT IN A WEB PAGE	Australia	Granted	2013203736	2016-03-23	2013203736	2013-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR NONINTRUSIVE MONITORING OF WEB BROWSER USAGE	United States of America	Granted	9,602,371	2017-03-21	14/330,655	2014-07-14
The Nielsen Company (US), LLC	SYSTEM AND METHODS FOR METERING AND ANALYZING ENERGY CONSUMPTION OF EVENTS WITHIN A PORTABLE DEVICE	Brazil	Published			0912680-5	2009-04-27
The Nielsen Company (US), LLC	SYSTEM AND METHODS FOR METERING AND ANALYZING ENERGY CONSUMPTION OF EVENTS WITHIN A PORTABLE DEVICE	India	Granted	332283	2020-02-18	7901/DELNP/2010	2009-04-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEM AND METHODS FOR METERING AND ANALYZING ENERGY CONSUMPTION OF EVENTS WITHIN A PORTABLE DEVICE	Korea, Republic of (KR)	Granted	10-1191876	2012-10-10	10-2010-7025616	2010-11-15
The Nielsen Company (US), LLC	SYSTEM AND METHODS FOR METERING AND ANALYZING ENERGY CONSUMPTION OF EVENTS WITHIN A PORTABLE DEVICE	United States of America	Granted	8,364,429	2013-01-29	13/222,969	2011-08-31
The Nielsen Company (US), LLC	SYSTEM AND METHODS FOR METERING AND ANALYZING ENERGY CONSUMPTION OF EVENTS WITHIN A PORTABLE DEVICE	United States of America	Granted	8,620,607	2013-12-31	13/619,132	2012-09-14
The Nielsen Company (US), LLC	SYSTEM AND METHODS FOR METERING AND ANALYZING ENERGY CONSUMPTION OF EVENTS WITHIN A PORTABLE DEVICE	United States of America	Granted	9,222,963	2015-12-29	14/093,338	2013-11-29
The Nielsen Company (US), LLC	NAIVE BAYES TO DETERMINE THE STATE OF A MEDIA DEVICE	European Patent	Published			09013713.4-2221	2009-10-30
The Nielsen Company (US), LLC	NAIVE BAYES TO DETERMINE THE STATE OF A MEDIA DEVICE	United States of America	Granted	8,793,717	2014-07-29	12/263,150	2008-10-31

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	PROBABILISTIC METHODS AND APPARATUS TO DETERMINE THE STATE OF A MEDIA DEVICE	United States of America	Granted	9,294,813	2016-03-22	14/307,152	2014-06-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ENFORCE A POWER OFF STATE OF AN AUDIENCE MEASUREMENT DEVICE DURING SHIPPING	United States of America	Granted	8,375,404	2013-02-12	12/346,416	2008-12-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETERMINING THE OPERATING STATE OF AUDIO-VIDEO DEVICES	United States of America	Granted	8,959,556	2015-02-17	12/240,683	2008-09-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETERMINING THE OPERATING STATE OF AUDIO-VIDEO DEVICES	United States of America	Granted	9,681,179	2017-06-13	14/606,725	2015-01-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETERMINING WHETHER A MEDIA PRESENTATION DEVICE IS IN AN ON STATE OR AN OFF STATE	United States of America	Granted	8,180,712	2012-05-15	12/242,337	2008-09-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETERMINING WHETHER A MEDIA PRESENTATION DEVICE IS IN AN ON STATE OR AN OFF STATE	United States of America	Granted	9,312,973	2016-04- 12	13/444,571	2012-04-11

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETERMINING WHETHER A MEDIA PRESENTATION DEVICE IS IN AN ON STATE OR AN OFF STATE	United States of America	Granted	10,528,881	2020-01-07	15/082,380	2016-03-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETERMINING WHETHER A MEDIA PRESENTATION DEVICE IS IN AN ON STATE OR AN OFF STATE	United States of America	Application			16/734,067	2020-01-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT DATA ENCODED IN MEDIA CONTENT	Australia	Granted	2009308256	2014-07-10	2009308256	2009-10-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT DATA ENCODED IN MEDIA CONTENT	Australia	Granted	2013203820	2016-11-24	2013203820	2013-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT DATA ENCODED IN MEDIA CONTENT	Canada	Granted	2,741,391	2017-10-17	2,741,391	2009-10-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT DATA ENCODED IN MEDIA CONTENT	China	Granted	102239521B	2014-12-17	200980148637.2	2009-10-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT DATA ENCODED IN MEDIA CONTENT	Germany (Federal Republic of)	Granted	2351028	2016-06-29	602009039473.8	2009-10-23

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT DATA ENCODED IN MEDIA CONTENT	United Kingdom	Granted	2351028	2016-06-29	09747953.9-2223	2009-10-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT DATA ENCODED IN MEDIA CONTENT	Hong Kong	Granted	1163918B	2015-08-21	12104114.9	2012-04-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT DATA ENCODED IN MEDIA CONTENT	Italy	Granted	2351028	2016-06-29	502016000096593	2009-10-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT DATA ENCODED IN MEDIA CONTENT	Sweden	Granted	2351028	2016-06-29	09747953.9-2223	2009-10-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT DATA ENCODED IN MEDIA CONTENT	United States of America	Granted	8,121,830	2012-02-21	12/604,176	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT DATA ENCODED IN MEDIA CONTENT	United States of America	Granted	8,554,545	2013-10-08	13/341,092	2011-12-30
The Nielsen Company (US), LLC	AUDIO SIGNATURE MATCHING BY CORRELATION OF AUDIO CURVE FEATURES	Germany (Federal Republic of)	Granted	602009061579.30005	2020-04-01	09013712.6-1224	2009-10-30
The Nielsen Company (US), LLC	AUDIO SIGNATURE MATCHING BY CORRELATION OF AUDIO CURVE FEATURES	European Patent	Granted	2182468	2020-04-01	09013712.6-1224	2009-10-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	AUDIO SIGNATURE MATCHING BY CORRELATION OF AUDIO CURVE FEATURES	France	Granted	2182468	2020-04-01	09013712.6-1224	2009-10-30
The Nielsen Company (US), LLC	AUDIO SIGNATURE MATCHING BY CORRELATION OF AUDIO CURVE FEATURES	United Kingdom	Granted	2182468	2020-04-01	09013712.6-1224	2009-10-30
The Nielsen Company (US), LLC	AUDIO SIGNATURE MATCHING BY CORRELATION OF AUDIO CURVE FEATURES	Netherlands	Granted	2182468	2020-04-01	09013712.6-1224	2009-10-30
The Nielsen Company (US), LLC	AUDIO SIGNATURE MATCHING BY CORRELATION OF AUDIO CURVE FEATURES	United States of America	Granted	8,108,887	2012-01-31	12/261,899	2008-10-30
The Nielsen Company (US), LLC	METHODS AND APPARTUS FOR IDENTIFYING MEDIA CONTENT USING TEMPORAL SIGNAL CHARACTERISTICS	United States of America	Granted	8,887,191	2014-11-11	13/337,890	2011-12-27
The Nielsen Company (US), LLC	METHODS AND APPARTUS FOR IDENTIFYING MEDIA CONTENT USING TEMPORAL SIGNAL CHARACTERISTICS	United States of America	Granted	9,576,197	2017-02-21	14/537,566	2014-11-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA CONTENT	United States of America	Granted	10,009,635	2018-06-26	15/431,463	2017-02-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	USING TEMPORAL SIGNAL CHARACTERISTICS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA CONTENT USING TEMPORAL SIGNAL CHARACTERISTICS	United States of America	Granted	10,547,877	2020-01-28	16/002,920	2018-06-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA CONTENT USING TEMPORAL SIGNAL CHARACTERISTICS	United States of America	Application			16/712,444	2019-12-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT CARRYING OF A PORTABLE AUDIENCE MEASUREMENT DEVICE	United States of America	Granted	8,040,237	2011-10-18	12/260,775	2008-10-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT CARRYING OF A PORTABLE AUDIENCE MEASUREMENT DEVICE	United States of America	Granted	8,248,234	2012-08-21	13/232,728	2011-09-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ENFORCE A POWER OFF STATE OF AN AUDIENCE MEASUREMENT DEVICE DURING SHIPPING	United States of America	Granted	8,156,517	2012-04-10	12/346,430	2008-12-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	AUTO ON/OFF VIA AUDIO SPECTRUM SHIFT DETECTION	United States of America	Granted	8,799,937	2014-08-05	13/403,635	2012-02-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ENCODE AND DECODE AUDIO FOR SHOPPER LOCATION AND ADVERTISEMENT PRESENTATION TRACKING	United States of America	Granted	8,508,357	2013-08-13	12/626,571	2009-11-25
The Nielsen Company (US), LLC	Elimination of People Meter Button Pushing	United States of America	Granted	8,677,385	2014-03- 18	12/887,275	2010-09-21
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND SYSTEMS TO COLLECT AUDIENCE MEASUREMENT DATA	United States of America	Granted	9,055,334	2015-06-09	14/144,341	2013-12-30
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND SYSTEMS TO COLLECT AUDIENCE MEASUREMENT DATA	United States of America	Granted	9,521,456	2016-12-13	14/724,401	2015-05-28
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND SYSTEMS TO COLLECT AUDIENCE MEASUREMENT DATA	United States of America	Granted	9,942,607	2018-04-10	15/363,919	2016-11-29
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND SYSTEMS TO COLLECT AUDIENCE MEASUREMENT DATA	United States of America	Granted	10,231,012	2019-03- 12	15/905,413	2018-02-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND SYSTEMS TO COLLECT AUDIENCE MEASUREMENT DATA	United States of America	Allowed			16/297,297	2019-03-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR ASSOCIATING MEDIA DEVICES WITH A DEMOGRAPHIC COMPOSITION OF A GEOGRAPHIC AREA	European Patent	Published			09015497.2-1238	2009-12-15
The Nielsen Company (US), LLC	GEO IP LOOKUP IN COMBINATION WITH DEMOGRAPHIC INFORMATION TO LINK MEDIA DEVICES WITH THE DEMOGRAPHIC COMPOSITION OF A GEOGRAPHIC AREA	United States of America	Granted	8,812,012	2014-08-19	12/336,338	2008-12-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR ASSOCIATING MEDIA DEVICES WITH A DEMOGRAPHIC COMPOSITION OF A GEOGRAPHIC AREA	United States of America	Granted	10,078,846	2018-09-18	14/462,190	2014-08-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR ASSOCIATING MEDIA DEVICES WITH A DEMOGRAPHIC COMPOSITION OF	United States of America	Allowed			16/112,366	2018-08-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	A GEOGRAPHIC AREA						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY PRESENTATIO N OF MEDIA CONTENT	United States of America	Granted	9,124,769	2015-09-01	12/505,966	2009-07-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY PRESENTATIO N OF MEDIA CONTENT	United States of America	Granted	10,469,901	2019-11-05	14/841,191	2015-08-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY PRESENTATIO N OF MEDIA CONTENT	United States of America	Published			16/671,946	2019-11-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADJUST SIGNATURE MATCHING RESULTS FOR AUDIENCE MEASUREMENT	Australia	Granted	2010224460	2014-05-01	2010224460	2010-09-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADJUST SIGNATURE MATCHING RESULTS FOR AUDIENCE MEASUREMENT	Australia	Granted	2013203704	2015-05-07	2013203704	2010-09-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADJUST SIGNATURE MATCHING RESULTS FOR AUDIENCE MEASUREMENT	Canada	Granted	2,717,232	2016-03-08	2,717,232	2010-10-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADJUST SIGNATURE MATCHING RESULTS FOR AUDIENCE MEASUREMENT	United States of America	Granted	8,245,249	2012-08-14	12/576,811	2009-10-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADJUST SIGNATURE MATCHING RESULTS FOR AUDIENCE MEASUREMENT	United States of America	Granted	9,124,379	2015-09-01	13/557,989	2012-07-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Australia	Granted	2009308305	2013-12-12	2009308305	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Australia	Granted	2013203838	2016-12-22	2013203838	2013-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Canada	Granted	2,741,536	2014-12-30	2,741,536	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND	China	Granted	102265344B	2015-01-14	200980152518.4	2009-10-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	WATERMARK DETECTION AND EXTRACTION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT IDENTIFICATION INFORMATION FROM MEDIA	China	Granted	104575544	2018-09-14	201410725835.3	2014-12-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Germany (Federal Republic of)	Granted	2351029	2018-08-22	09748893.6-2223	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	European Patent	Published			18183643.8	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	France	Granted	2351029	2018-08-22	09748893.6-2223	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United Kingdom	Granted	2351029	2018-08-22	09748893.6-2223	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO	Hong Kong	Granted	1165078B	2015-11-13	12105178.9	2012-05-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	WATERMARKING AND WATERMARK DETECTION AND EXTRACTION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Netherlands	Granted	2351029	2018-08-22	09748893.6-2223	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United States of America	Granted	8,359,205	2013-01-22	12/551,220	2009-08-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United States of America	Granted	10,467,286	2019-11-05	15/698,373	2017-09-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United States of America	Published			16/672,128	2019-11-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR A MULTIMEDIA PRESENTATION INCLUDING MULTIPLE	Australia	Granted	2010202212	2013-08-29	2010202212	2010-05-31

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	CONTENT WINDOWS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR A MULTIMEDIA PRESENTATION INCLUDING MULTIPLE CONTENT WINDOWS	Japan	Granted	5086393	2012-09-14	2010-124786	2010-05-31
The Nielsen Company (US), LLC	BALANCED MICROSTRIP FOLDED DIPOLE ANTENNAS AND MATCHING NETWORKS	United States of America	Granted	8,102,327	2012-01-24	12/475,757	2009-06-01
The Nielsen Company (US), LLC	BALANCED MICROSTRIP FOLDED DIPOLE ANTENNAS AND MATCHING NETWORKS	United States of America	Granted	8,446,331	2013-05-21	13/330,318	2011-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM IMAGE CLASSIFICATION BASED ON PSEUDORANDOM FEATURES	United States of America	Granted	8,351,712	2013-01-08	12/430,717	2009-04-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM IMAGE CLASSIFICATION BASED ON PSEUDORANDOM FEATURES	United States of America	Granted	8,818,112	2014-08-26	13/708,660	2012-12-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT PUBLICLY AVAILABLE METADATA TO DETERMINE	Australia	Granted	2010206044	2013-05-30	2010206044	2010-07-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEDIA CREATION PRODUCT USAGE						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT PUBLICLY AVAILABLE METADATA TO DETERMINE MEDIA CREATION PRODUCT USAGE	Australia	Granted	2013203705	2014-12-04	2013203705	2013-04-11
The Nielsen Company (US), LLC	METHODS, APPARATUS AND STORAGE MEDIA TO COLLECT PUBLICLY AVAILABLE METADATA TO DETERMINE MEDIA CREATION PRODUCT USAGE	Japan	Granted	5119299	2012-10-26	2010-170033	2010-07-29
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND STORAGE MEDIA TO COLLECT PUBLICLY AVAILABLE METADATA TO DETERMINE MEDIA CREATION PRODUCT USAGE	Japan	Granted	5474156	2014-02-14	2012-232688	2012-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR PERSONS MEDIA EXPOSURE IN VEHICLES	United States of America	Granted	8,549,552	2013-10-01	12/611,757	2009-11-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR PERSONS MEDIA EXPOSURE IN VEHICLES	United States of America	Granted	RE45786	2015-10-27	14/260,890	2014-04-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA EXPOSURE IN VEHICLES	United States of America	Granted	RE46329	2017-02-28	14/667,315	2015-03-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BROADCAST MEDIA CONTENT	Australia	Granted	2010242814	2014-11-13	2010242814	2010-04-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BROADCAST MEDIA CONTENT	Australia	Granted	2013203888	2015-05-28	2013203888	2013-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BROADCAST MEDIA CONTENT	Australia	Granted	2015202561	2016-09-08	2015202561	2015-05-12
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BROADCAST	United States of America	Published			16/426,803	2019-05-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BROADCAST MEDIA CONTENT	United States of America	Application			16/779,212	2020-01-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BRAODCAST MEDIA CONTENT	Canada	Granted	2,760,677	2018-07-24	2,760,677	2010-04-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BRAODCAST MEDIA CONTENT	Canada	Application			3,008,502	2010-04-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BRAODCAST MEDIA CONTENT	China	Granted	CN102625982B	2015-03-18	201080029773.2	2010-04-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY	China	Published			201510070787.3	2015-02-11

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	BRAODCAST MEDIA CONTENT						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BRAODCAST MEDIA CONTENT	Hong Kong	Granted	1174159B	2015-08-21	13101413.3	2010-04-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BRAODCAST MEDIA CONTENT	India	Published			8465/DELNP/2011	2010-04-30
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BROADCAST MEDIA CONTENT	United States of America	Granted	8,666,528	2014-03-04	12/771,640	2010-04-30
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BROADCAST MEDIA CONTENT	United States of America	Granted	10,003,846	2018-06-19	14/195,547	2014-03-03
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF	United States of America	Granted	10,555,048	2020-02-04	16/004,111	2018-06-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MANUFACTURE TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BROADCAST MEDIA CONTENT						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT COMMERCIAL ADVERTISEMENTS IN TELEVISION TRANSMISSIONS	Australia	Granted	2013203753	2016-04-21	2013203753	2013-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT COMMERCIAL ADVERTISEMENTS IN TELEVISION TRANSMISSIONS	Australia	Granted	2013203872	2016-06-16	2013203872	2010-11-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT COMMERCIAL ADVERTISEMENTS IN TELEVISION TRANSMISSIONS	Canada	Granted	2,901,078	2017-06-13	2,901,078	2015-08-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT COMMERCIAL ADVERTISEMENTS IN TELEVISION TRANSMISSIONS	Germany (Federal Republic of)	Granted	602010041791.3	2017-04-26	10015577.9	2010-12-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT COMMERCIAL ADVERTISEMENTS IN TELEVISION TRANSMISSIONS	United Kingdom	Granted	2341704	2017-04-26	10015577.9	2010-12-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT COMMERCIAL ADVERTISEMENTS IN TELEVISION TRANSMISSIONS	Italy	Granted	2341704	2017-04-26	502017000082608	2010-12-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT COMMERCIAL ADVERTISEMENTS IN TELEVISION TRANSMISSIONS	United States of America	Granted	8,925,024	2014-12-30	12/827,701	2010-06-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT COMMERCIAL ADVERTISEMENTS ASSOCIATED WITH MEDIA PRESENTATIONS	United States of America	Granted	9,591,353	2017-03-07	14/554,268	2014-11-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT COMMERCIAL ADVERTISEMENTS ASSOCIATED WITH MEDIA PRESENTATIONS	United States of America	Granted	10,028,014	2018-07-17	15/449,160	2017-03-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT COMMERCIAL ADVERTISEMENTS ASSOCIATED WITH MEDIA PRESENTATIONS	United States of America	Granted	10,631,044	2020-04-21	16/012,413	2018-06-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT COMMERCIAL ADVERTISEMENTS ASSOCIATED	United States of America	Application			16/851,997	2020-04-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	WITH MEDIA PRESENTATIONS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Australia	Granted	2009308304	2014-07-31	2009308304	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Australia	Granted	2013203674	2016-04-28	2013203674	2013-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Canada	Granted	2,741,342	2018-10-09	2,741,342	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Canada	Application			3,015,423	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	China	Granted	102265536B	2015-06-10	200980152527.3	2009-10-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	China	Granted	201410725324.1	2018-01-16	201410725324.1	2014-12-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Germany (Federal Republic of)	Granted	602009042927.2	2016-12-07	09748892.8-2223	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	France	Granted	2351271	2016-12-07	09748892.8-2223	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United Kingdom	Granted	2351271	2016-12-07	09748892.8-2223	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Hong Kong	Granted	1164565B	2016-03-18	12105179.8	2012-05-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND	Hong Kong	Granted	1207200B	2018-11-16	151077090	2015-08-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	WATERMARK DETECTION AND EXTRACTION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	Italy	Granted	2351271	2016-12-07	502017000023011	2009-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United States of America	Granted	9,667,365	2017-05-30	12/464,811	2009-05-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United States of America	Granted	10,134,408	2018-11-20	15/331,168	2016-10-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION	United States of America	Published			16/182,321	2018-11-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DISTINGUISH BETWEEN PARAENT AND CHILD WEBPAGE ACCESSES AND/OR BROWSER TABS IN FOCUS	United States of America	Granted	8,499,065	2013-07-30	12/895,288	2010-09-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DISTINGUISH BETWEEN PARENT AND CHILD WEBPAGE ACCESSES AND/OR BROWSER TABS IN FOCUS	United States of America	Granted	9,332,056	2016-05-03	13/953,176	2013-07-29
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO SELECT TARGETED ADVERTISING	United States of America	Published			16/428,397	2019-05-31
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO SELECT TARGETED ADVERTISING	United States of America	Granted	9,986,277	2018-05-29	12/964,481	2010-12-09
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO SELECT TARGETED ADVERTISING	United States of America	Granted	10,469,890	2019-11-05	15/990,341	2018-05-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CLASSIFY TEXT COMMUNICATIONS	United States of America	Granted	8,458,154	2013-06-04	12/577,099	2009-10-09
The Nielsen Company (US), LLC	TELEVISION PROXIMITY SENSOR	United States of America	Granted	7343615	2008-03-11	11037277	2005-01-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA EXPOSURE	United States of America	Granted	8,918,802	2014-12-23	13/037,318	2011-02-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA EXPOSURE	United States of America	Granted	9,113,205	2015-08-18	14/577,884	2014-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO	Australia	Granted	2011201212	2013-09-19	2011201212	2011-03-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	WATERMARKING A SUBSTANTIALLY SILENT MEDIA CONTENT PRESENTATION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO WATERMARKING A SUBSTANTIALLY SILENT MEDIA CONTENT PRESENTATION	Australia	Granted	2013203336	2016-02-18	2013203336	2013-04-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO WATERMARKING A SUBSTANTIALLY SILENT MEDIA CONTENT PRESENTATION	China	Granted	201110077492	2014-03-05	201110077492	2011-03-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO WATERMARKING A SUBSTANTIALLY SILENT MEDIA CONTENT PRESENTATION	Germany (Federal Republic of)	Granted	602011038469.4	2017-06-07	11002591.3	2011-03-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO WATERMARKING A SUBSTANTIALLY SILENT MEDIA CONTENT PRESENTATION	France	Granted	2375411	2017-06-07	11002591.3	2011-03-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO	United Kingdom	Granted	2375411	2017-06-07	11002591.3	2011-03-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	WATERMARKING A SUBSTANTIALLY SILENT MEDIA CONTENT PRESENTATION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO WATERMARKING A SUBSTANTIALLY SILENT MEDIA CONTENT PRESENTATION	Hong Kong	Granted	1161413B	2014-10-31	12101486.5	2012-02-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO WATERMARKING A SUBSTANTIALLY SILENT MEDIA CONTENT PRESENTATION	Italy	Granted	2375411	2017-06-07	502017000097936	2011-03-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO WATERMARKING A SUBSTANTIALLY SILENT MEDIA CONTENT PRESENTATION	United States of America	Granted	8,355,910	2013-01-15	12/750,359	2010-03-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO WATERMARKING	United States of America	Granted	9,117,442	2015-08-25	13/708,266	2012-12-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO WATERMARKING	United States of America	Granted	9,697,839	2017-07-04	14/800,383	2015-07-15
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF	Australia	Granted	2011201838	2015-02-12	2011201838	2011-04-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MANUFACTURE TO PERFORM AUDIO WATERMARK DECODING						
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO PERFORM AUDIO WATERMARK DECODING	Canada	Granted	2,737,984	2016-03-08	2,737,984	2011-04-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO SIGNAL DECODING	China	Granted	201210469798.5	2014-12-24	201210469798.5	2012-11-19
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO PERFORM AUDIO WATERMARK DECODING	United States of America	Granted	8,676,570	2014-03-18	12/767,422	2010-04-26
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO PERFORM AUDIO WATERMARK DECODING	United States of America	Granted	9,305,560	2016-04-05	14/144,279	2013-12-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO OBTAIN ANONYMOUS AUDIENCE MEASUREMENT DATA FROM NETWORK SERVER DATA FOR PARTICULAR DEMOGRAPHIC	Australia	Granted	2011203053	2013-12-05	2011203053	2011-06-23

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AND USAGE PROFILES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO OBTAIN ANONYMOUS AUDIENCE MEASUREMENT DATA FROM NETWORK SERVER DATA FOR PARTICULAR DEMOGRAPHIC AND USAGE PROFILES	China	Granted	102314488B	2014-06-04	201110230823	2011-06-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO OBTAIN ANONYMOUS AUDIENCE MEASUREMENT DATA FROM NETWORK SERVER DATA FOR PARTICULAR DEMOGRAPHIC AND USAGE PROFILES	Hong Kong	Granted	1162703B	2015-05-15	12102927	2012-03-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO OBTAIN ANONYMOUS AUDIENCE MEASUREMENT DATA FROM NETWORK SERVER DATA FOR PARTICULAR DEMOGRAPHIC AND USAGE PROFILES	United States of America	Granted	8,307,006	2012-11-06	12/827,865	2010-06-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO OBTAIN ANONYMOUS	United States of America	Granted	8,903,864	2014-12-02	13/649,794	2012-10-11

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AUDIENCE MEASUREMENT DATA FROM NETWORK SERVER DATA FOR PARTICULAR DEMOGRAPHIC AND USAGE PROFILES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO OBTAIN ANONYMOUS AUDIENCE MEASUREMENT DATA FROM NETWORK SERVER DATA FOR PARTICULAR DEMOGRAPHIC AND USAGE PROFILES	United States of America	Granted	9,355,138	2016-05-31	14/553,334	2014-11-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT DIFFERENCES BETWEEN IMAGES	United States of America	Granted	8,433,142	2013-04-30	12/754,361	2010-04-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT DIFFERENCES BETWEEN IMAGES	United States of America	Granted	9,076,070	2015-07-07	13/867,765	2013-04-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT DIFFERENCES BETWEEN IMAGES	United States of America	Granted	9,342,756	2016-05-17	14/753,820	2015-06-29
The Nielsen Company (US), LLC	METHODS, SYSTEMS, AND APPARATUS TO CALCULATE	United States of America	Granted	8,824,242	2014-09-02	13/043,025	2011-03-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DISTANCE FROM AUDIO SOURCES						
The Nielsen Company (US), LLC	METHODS, SYSTEMS, AND APPARATUS TO CALCULATE DISTANCE FROM AUDIO SOURCES	United States of America	Granted	9,217,789	2015-12-22	14/455,968	2014-08-11
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO RANK USER IN AN ONLINE SOCIAL NETWORK	Australia	Granted	2011202431	2014-07-17	2011202431	2011-05-25
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO RANK USER IN AN ONLINE SOCIAL NETWORK	Australia	Granted	2013203795	2015-10-22	2013203795	2013-04-11
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO RANK USER IN AN ONLINE SOCIAL NETWORK	Canada	Granted	2,740,499	2016-07-12	2,740,499	2011-05-17
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO RANK USER IN AN ONLINE SOCIAL NETWORK	France	Published			1154673	2011-05-27
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE	India	Application			1486/CHE/2010	2010-05-31

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	TO RANK USER IN AN ONLINE SOCIAL NETWORK						
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO RANK USER IN AN ONLINE SOCIAL NETWORK	Japan	Granted	5334067	2013-08-09	2011-110629	2011-05-17
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO RANK USER IN AN ONLINE SOCIAL NETWORK	United States of America	Granted	8,874,727	2014-10-28	12/835,563	2010-07-13
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO DETERMINE A NETWORK	United States of America	Granted	9,455,891	2016-09-27	14/471,701	2014-08-28
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO RANK WEBSITE INFLUENCE	Australia	Granted	2011202277	2013-06-25	2011202277	2011-05-17
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO RANK WEBSITE INFLUENCE	Australia	Granted	2013203650	2014-11-27	2013203650	2013-04-11
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF	Canada	Granted	2,740,377	2018-10-02	2,740,377	2011-05-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MANUFACTURE TO RANK WEBSITE INFLUENCE						
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO RANK WEBSITE INFLUENCE	Canada	Application			3,015,396	2011-05-16
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO RANK WEBSITE INFLUENCE	France	Granted	1154305	2019-11-01	1154305	2011-05-17
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO RANK WEBSITE INFLUENCE	Japan	Granted	5506735	2014-03-28	2011-110626	2011-05-17
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO RANK WEBSITE INFLUENCE	United States of America	Granted	8,560,530	2013-10-15	12/816,159	2010-06-15
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO RANK WEBSITE INFLUENCE	United States of America	Granted	9,218,421	2015-12-22	14/052,404	2013-10-11
Buzzmetrics, Ltd.	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO RANK	United States of America	Granted	9,348,873	2016-05-24	14/954,453	2015-11-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	WEBSITE INFLUENCE						
The Nielsen Company (US), LLC	APPARATUS AND METHODS FOR ILLUMINATING DISPLAY PANELS OF ELECTRONIC DEVICES	United States of America	Granted	8,678,624	2014-03-25	13/249,911	2011-09-30
The Nielsen Company (US), LLC	APPARATUS AND METHODS FOR ILLUMINATING DISPLAY PANELS OF ELECTRONIC DEVICES	United States of America	Granted	9,016,906	2015-04-28	14/140,195	2013-12-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	Australia	Granted	2012202759	2014-09-04	2012202759	2012-05-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	Australia	Granted	2013203823	2016-01-14	2013203823	2013-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	Canada	Granted	2,776,656	2020-03-24	2,776,656	2012-05-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	Canada	Application			3,070,370	2012-05-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	China	Granted	103002120B	2014-09-24	201210167233.1	2012-05-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	China	Granted	201410427912.7	2017-07-25	201410427912.7	2014-08-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	Germany (Federal Republic of)	Granted	602012004274.5	2014-12-17	12004034	2012-05-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	Germany (Federal Republic of)	Granted	602012045214.5	2018-04-11	14003707.8	2012-05-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	Spain	Granted	2528359	2014-12-17	12004034	2012-05-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	France	Granted	2528359	2014-12-17	12004034	2012-05-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	United Kingdom	Granted	2528359	2014-12-17	12004034.0	2012-05-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	United Kingdom	Granted	2860994	2018-04-11	14003707.8	2012-05-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	Italy	Granted	2528359	2014-12-17	502015000008122	2012-05-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	Italy	Granted	2860994	2018-04-11	502018000019900	2012-05-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	Netherlands	Granted	2528359	2014-12-17	12004034	2012-05-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	United States of America	Granted	8,315,620	2012-11-20	13/117,657	2011-05-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	United States of America	Granted	8,559,918	2013-10-15	13/678,960	2012-11-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE A MOBILE DEVICE WITH A PANELIST PROFILE	United States of America	Granted	9,220,008	2015-12-22	14/053,134	2013-10-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MOBILE BROADBAND MARKET STATISTICS	United States of America	Granted	8,972,554	2015-03-03	12/894,347	2010-09-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MOBILE BROADBAND MARKET SHARE	United States of America	Published			15/977,938	2018-05-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE A TAG FOR MEDIA CONTENT	Canada	Granted	2,773,567	2017-11-14	2,773,567	2012-03-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE A TAG FOR MEDIA CONTENT	Canada	Granted	2,980,754	2020-01-07	2,980,754	2017-09-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE A TAG FOR MEDIA CONTENT	China	Granted	102737109B	2015-08-26	201210105474.3	2012-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE A TAG FOR MEDIA CONTENT	European Patent	Published			12002599.4	2012-04-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE A TAG FOR MEDIA CONTENT	Hong Kong	Granted	1177006B	2016-02-26	13103712.6	2013-03-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE A TAG FOR MEDIA CONTENT	United States of America	Granted	9,380,356	2016-06-28	13/181,147	2011-07-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VALIDATE A TAG FOR MEDIA	United States of America	Granted	9,681,204	2017-06-13	15/181,399	2016-06-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR INTEGRATING VOLUMETRIC	United States of America	Granted	8,688,516	2014-04-01	13/047,541	2011-03-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	SALES DATA, MEDIA CONSUMPTION INFORMATION, AND GEOGRAPHIC-DEMOGRAPHIC DATA TO TARGET ADVERTISEMENTS						
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	Australia	Granted	2011211444	2014-08-21	2011211444	2011-08-15
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	Australia	Granted	2014210640	2016-10-20	2014210640	2014-08-08
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	Canada	Application			2,749,013	2011-08-15
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	China	Granted	102377616B	2014-10-01	201110294045	2011-08-15
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	China	Granted	201410432742.1	2018-12-28	201410432742.1	2014-08-28
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE	European Patent	Allowed			11006705.5-2413	2011-08-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	INTERNET ACTIVITY						
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	Hong Kong	Granted	1168956B	2015-07-03	12109020.1	2012-09-14
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	Hong Kong	Granted	1205386B	2020-01-31	15105786	2015-06-17
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	India	Granted	328143	2019-12-26	2320/DEL/2011	2011-08-16
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	Japan	Granted	5404714	2013-11-08	2011-177687	2011-08-15
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	United States of America	Granted	8,886,773	2014-11-11	12/856,651	2010-08-14
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	United States of America	Granted	10,320,925	2019-06-11	14/537,488	2014-11-10
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	United States of America	Published			16/436,742	2019-06-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	Canada	Granted	2,748,997	2018-03-27	2,748,997	2011-08-15
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	Germany (Federal Republic of)	Granted	602011064599.4	2020-01-15	11006706.3-2413	2011-08-16
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	European Patent	Published			19219860.4	2011-08-16
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	France	Granted	2418820	2020-01-15	11006706.3-2413	2011-08-16
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	United Kingdom	Granted	2418820	2020-01-15	11006706.3-2413	2011-08-16
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	Hong Kong	Published			12109021	2012-09-14
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	India	Application			2321/DEL/2011	2011-08-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	United States of America	Granted	8,910,259	2014-12-09	12/856,643	2010-08-14
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	United States of America	Granted	9,736,136	2017-08-15	14/537,484	2014-11-10
The Nielsen Company (US), LLC	METHODS, SYSTEMS, AND APPARATUS TO SYNCHRONIZE ACTIONS OF AUDIO SOURCE MONITORS	United States of America	Granted	8,855,101	2014-10-07	12/968,677	2010-12-15
The Nielsen Company (US), LLC	METHODS, SYSTEMS, AND APPARATUS TO SYNCHRONIZE ACTIONS OF AUDIO SOURCE MONITORS	United States of America	Granted	9,250,316	2016-02-02	14/136,371	2013-12-20
The Nielsen Company (US), LLC	AUDIENCE MEASUREMENT APPARATUS, SYSTEM AND METHOD FOR PRODUCING AUDIENCE INFORMATION OF A MEDIA PRESENTATION	United States of America	Granted	8,359,610	2013-01-22	11/955,520	2007-12-13
The Nielsen Company (US), LLC	AUDIENCE MEASUREMENT APPARATUS, SYSTEM AND METHOD FOR PRODUCING AUDIENCE INFORMATION OF	United States of America	Granted	8,589,969	2013-11-19	13/708,867	2012-12-07

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	A MEDIA PRESENTATION						
The Nielsen Company (US), LLC	SIMULCAST RESOLUTION IN CONTENT MATCHING SYSTEMS	Canada	Granted	2,742,348	2016-06-28	2,742,348	2009-10-22
The Nielsen Company (US), LLC	SIMULCAST RESOLUTION IN CONTENT MATCHING SYSTEMS	United States of America	Granted	8,181,196	2012-05-15	12/589,702	2009-10-26
The Nielsen Company (US), LLC	SIMULCAST RESOLUTION IN CONTENT MATCHING SYSTEMS	United States of America	Granted	8,739,198	2014-05-27	13/460,222	2012-04-30
The Nielsen Company (US), LLC	SIMULCAST RESOLUTION IN CONTENT MATCHING SYSTEMS	United States of America	Granted	9,131,270	2015-09-08	14/263,497	2014-04-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE AUDIENCE ENGAGEMENT INDICES ASSOCIATED WITH MEDIA PRESENTATION	United States of America	Granted	9,009,298	2015-04-14	12/965,505	2010-12-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ACCESS MEDIA	United States of America	Granted	8,861,937	2014-10-14	13/222,909	2011-08-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ACCESS MEDIA	United States of America	Granted	9,400,984	2016-07-26	14/488,455	2014-09-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ACCESS MEDIA	United States of America	Granted	9,779,426	2017-10-03	15/218,725	2016-07-25
The Nielsen Company (US), LLC	AUDIENCE MEASUREMENT APPARATUS,	United States of America	Granted	8,539,520	2013-09-17	12/623,143	2009-11-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	SYSTEM AND METHOD						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY EXPOSURE TO 3D MEDIA PRESENTATIONS	United States of America	Granted	8,813,109	2014-08-19	13/401,489	2012-02-21
The Nielsen Company (US), LLC	AUDIENCE MEASUREMENT SYSTEMS, METHODS AND APPARATUS	United States of America	Granted	9,369,762	2016-06- 14	14/506,291	2014-10-03
The Nielsen Company (US), LLC	SYSTEMS, METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO IDENTIFY TIMES AT WHICH LIVE MEDIA EVENTS ARE DISTRIBUTED	United States of America	Granted	8,776,116	2014-07-08	13/708,476	2012-12-07
The Nielsen Company (US), LLC	SYSTEMS, METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO IDENTIFY TIMES AT WHICH LIVE MEDIA EVENTS ARE DISTRIBUTED	United States of America	Granted	9,357,246	2016-05-31	14/290,395	2014-05-29
The Nielsen Company (US), LLC	DEVICE, SYSTEM AND METHOD FOR MEASUREMENT OF MEDIA CONSUMPTION IN DIGITAL MEDIA TERMINALS	United States of America	Granted	8,885,840	2014-11-11	13/192,191	2011-07-27
The Nielsen Company (US), LLC	DEVICE, SYSTEM AND METHOD FOR	United States of America	Granted	9,654,889	2017-05- 16	14/537,262	2014-11-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEASUREMENT OF MEDIA CONSUMPTION IN DIGITAL MEDIA TERMINALS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE LOCATIONS OF AUDIENCE MEMBERS	United States of America	Granted	8,885,842	2014-11-11	12/967,415	2010-12-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE LOCATIONS OF AUDIENCE MEMBERS	United States of America	Granted	9,258,607	2016-02-09	14/500,443	2014-09-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MODEL CONSUMER CHOICE SOURCING	United States of America	Granted	10,354,263	2019-07-16	15/680,939	2017-08-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MODEL CONSUMER CHOICE SOURCING	United States of America	Published			16/508,013	2019-07-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MERGE SEGMENTATION DATA WITH GPS DATA	United States of America	Granted	8,340,685	2012-12-25	12/868,420	2010-08-25
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS TO GENERATE MARKET SEGMENTATION DATA WITH ANONYMOUS LOCATION DATA	United States of America	Granted	8,954,090	2015-02-10	13/721,321	2012-12-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS TO GENERATE MARKET SEGMENTATION DATA WITH ANONYMOUS LOCATION DATA	United States of America	Granted	9,613,363	2017-04-04	14/591,205	2015-01-07
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS TO GENERATE MARKET SEGMENTATION DATA WITH ANONYMOUS LOCATION DATA	United States of America	Granted	9,996,855	2018-06-12	15/438,344	2017-02-21
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS TO GENERATE MARKET SEGMENTATION DATA WITH ANONYMOUS LOCATION DATA	United States of America	Granted	10,380,643	2019-08-13	16/002,716	2018-06-07
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS TO GENERATE MARKET SEGMENTATION DATA WITH ANONYMOUS LOCATION DATA	United States of America	Allowed			16/536,826	2019-08-09
The Nielsen Company (US), LLC	SOURCE DETECTION OF MEDIA CONSUMPTION BY ANALYSIS OF USER AGENT IDENTIFICATION DATA	United States of America	Granted	9,124,920	2015-09-01	13/172,550	2011-06-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO IDENTIFY MEDIA PRESENTATION DEVICES	United States of America	Granted	9,712,626	2017-07-18	14/798,042	2015-07-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Australia	Granted	2011305429	2015-11-12	2011305429	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Australia	Granted	2013203898	2015-10-15	2013203898	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Australia	Granted	2013205736	2014-10-16	2013205736	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Australia	Granted	2015234350	2017-02-16	2015234350	2015-10-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING	Australia	Granted	2017200423	2018-07-19	2017200423	2017-01-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DISTRIBUTED DEMOGRAPHIC INFORMATION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Australia	Allowed			2018204318	2015-10-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Canada	Granted	2,810,541	2019-02-12	2,810,541	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Canada	Application			3027898	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	China	Granted	103119565	2016-05-11	201180045957 2	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	China	Granted	ZL201610244330.4	2019-01-15	201610244330.4	2016-04-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	European Patent	Published			11827473.7	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	European Patent	Published			19163127.4	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Hong Kong	Granted	1185173B	2017-06-16	13112510.1	2013-11-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Hong Kong	Granted	1223704B	2020-02-28	16111854.4	2016-10-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Japan	Granted	5462418	2014-01-24	2013-529435	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING	Japan	Granted	5777121	2015-07-17	2014-005867	2011-09-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DISTRIBUTED DEMOGRAPHIC INFORMATION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Japan	Granted	6188243	2017-08-10	2014-262891	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Japan	Granted	6384884	2018-08-17	2017-148071	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Japan	Granted	6562528	2019-08-02	2018-145196	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Japan	Application			2019-133874	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Granted	8,370,489	2013-02-05	13/513,148	2011-09-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Granted	8,843,626	2014-09-23	13/691,175	2012-11-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Granted	9,344,343	2016-05-17	13/690,915	2012-11-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Granted	9,218,612	2015-12-22	14/500,297	2014-09-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Granted	10,269,044	2019-04-23	14/981,448	2015-12-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Published			16/374,533	2019-04-03
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE	Australia	Granted	2012201860	2015-01-08	2012201860	2012-03-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	LOCAL MARKET AUDIENCES OF MEDIA CONTENT						
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO ESTIMATE LOCAL MARKET AUDIENCES OF MEDIA CONTENT	Australia	Granted	2014277725	2016-08-18	2014277725	2014-12-17
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO ESTIMATE LOCAL MARKET AUDIENCES OF MEDIA CONTENT	Canada	Granted	2,774,848	2016-11-01	2,774,848	2012-03-27
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO ESTIMATE LOCAL MARKET AUDIENCES OF MEDIA CONTENT	Canada	Granted	2,941,723	2019-12-17	2,941,723	2016-09-14
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO ESTIMATE LOCAL MARKET AUDIENCES OF MEDIA CONTENT	China	Granted	102740140B	2015-08-19	201210154041.7	2012-03-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA EXPOSURE	China	Granted		2018-12-28	201510446416	2015-07-27
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO ESTIMATE	Hong Kong	Granted	1177360B	2016-07-29	13104204.9	2013-04-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	LOCAL MARKET AUDIENCES OF MEDIA CONTENT						
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO MEASURE MEDIA EXPOSURE	Hong Kong	Granted	1215633	2019-10-04	16103530.3	2016-03-25
The Nielsen Company (US), LLC	A METHOD FOR ESTIMATING LOCAL MKT TV AUDIENCE USING STATISTICAL INTEGRATION OF LOCAL POPULATION ESTIMATES, NATIONAL TV AUDIENCE ESTIMATES, AND LOCAL RETURN-PATH DATA TV TUNING ESTIMATES	United States of America	Granted	9,420,320	2016-08-16	13/078,574	2011-04-01
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO ESTIMATE LOCAL MARKET AUDIENCES OF MEDIA CONTENT	United States of America	Granted	9,578,361	2017-02-21	15/207,054	2016-07-11
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO ESTIMATE LOCAL MARKET AUDIENCES OF MEDIA CONTENT	United States of America	Granted	9,900,655	2018-02-20	15/416,790	2017-01-26
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO ESTIMATE LOCAL MARKET	United States of America	Granted	10,560,740	2020-02-11	15/891,076	2018-02-07

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AUDIENCES OF MEDIA CONTENT						
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO ESTIMATE LOCAL MARKET AUDIENCES OF MEDIA CONTENT	United States of America	Application			16/786,519	2020-02-10
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY MEDIA PRESENTATION DEVICES	United States of America	Granted	9,331,975	2016-05-03	13/329,044	2011-12-16
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY MEDIA PRESENTATION DEVICES	United States of America	Granted	9,491,250	2016-11-08	15/084,929	2016-03-30
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY MEDIA PRESENTATION DEVICES	United States of America	Granted	9,936,033	2018-04-03	15/299,766	2016-10-21
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY MEDIA PRESENTATION DEVICES	United States of America	Published			15/943,393	2018-04-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Australia	Granted	2011349435	2016-12-01	2011349435	2011-12-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Australia	Granted	2016259351	2018-03-22	2016259351	2016-11-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Australia	Allowed			2018201461	2011-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Canada	Granted	2,819,268	2017-10-17	2,819,268	2011-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Canada	Application			2,977,942	2011-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	China	Granted	103329162B	2015-11-25	201180061437	2011-12-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	China	Granted	201310338209.4	2017-04-12	201310338209.4	2013-08-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	European Patent	Published			11850570	2011-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Hong Kong	Granted	1189690B	2016-12-30	14102663.6	2014-03-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Hong Kong	Granted	1192964B	2018-04-06	14105984.1	2014-06-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Japan	Granted	5730407	2015-04-17	2013-546286	2011-12-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Japan	Granted	5867945	2016-01-15	2015-078539	2011-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Japan	Granted	6095760	2017-02-24	2015-256568	2015-12-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Japan	Granted	6325704	2018-04-20	2017-025262	2011-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Japan	Granted	6608989	2019-11-01	2018-076946	2011-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	Japan	Application			2019-193447	2011-12-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Granted	8,954,536	2015-02-10	13/995,864	2011-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Granted	9,596,150	2017-03-14	13/921,962	2013-06-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ADVERTISEMENT IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Granted	9,979,614	2018-05-22	15/409,281	2017-01-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Granted	10,284,667	2019-05-07	15/966,195	2018-04-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Granted	10,567,531	2020-02-18	16/364,961	2019-03-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Application			16/792,766	2020-02-17
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE SEARCH RESULTS	United States of America	Granted	9,015,141	2015-04-21	13/023,170	2011-02-08
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE SEARCH RESULTS	United States of America	Granted	9,760,648	2017-09- 12	14/686,003	2015-04-14
The Nielsen Company	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE SEARCH RESULTS	United States of America	Granted	10,546,041	2020-01-28	15/671,850	2017-08-08
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE SEARCH RESULTS	United States of America	Application			16/773,792	2020-01-27
The Nielsen Company (US), LLC	POWER MANAGEMENT FOR AUDIENCE MEASUREMENT METERS	Australia	Granted	2012203037	2014-11-27	2012203037	2012-05-23
The Nielsen Company (US), LLC	POWER MANAGEMENT FOR AUDIENCE MEASUREMENT METERS	Australia	Granted	2013203338	2016-03-03	2013203338	2013-04-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	POWER MANAGEMENT FOR AUDIENCE MEASUREMENT METERS	United States of America	Granted	8,924,994	2014-12-30	13/149,500	2011-05-31
The Nielsen Company (US), LLC	POWER MANAGEMENT FOR AUDIENCE MEASUREMENT METERS	United States of America	Granted	9,398,331	2016-07-19	14/561,045	2014-12-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREDICT NEW PRODUCT PERFORMANCE METRICS	United States of America	Granted	8,543,446	2013-09-24	13/405,856	2012-02-27
The Nielsen Company (US), LLC	PROGRAM TELECAST MONITORING USING WATERMARKS	United States of America	Granted	8,578,404	2013-11-05	13/173,732	2011-06-30
The Nielsen Company (US), LLC	PROGRAM TELECAST MONITORING USING WATERMARKS	United States of America	Granted	9,106,978	2015-08-11	14/041,809	2013-09-30
The Nielsen Company (US), LLC	PROGRAM TELECAST MONITORING USING WATERMARKS	United States of America	Granted	9,591,382	2017-03-07	14/800,336	2015-07-15
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND ARTICLES OF MANUFACTURE TO MEASURE ONLINE AUDIENCES	Australia	Granted	2013204255	2016-01-14	2013204255	2013-01-25
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND ARTICLES OF MANUFACTURE TO MEASURE	Canada	Granted	2,862,549	2018-09-18	2,862,549	2013-01-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ONLINE AUDIENCES						
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND ARTICLES OF MANUFACTURE TO MEASURE ONLINE AUDIENCES	Canada	Application			3,013,711	2013-01-25
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND ARTICLES OF MANUFACTURE TO MEASURE ONLINE AUDIENCES	China	Granted	201380017096.6	2017-11-28	201380017096.6	2013-01-25
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND ARTICLES OF MANUFACTURE TO MEASURE ONLINE AUDIENCES	United States of America	Granted	9,224,094	2015-12-29	13/750,775	2013-01-25
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND ARTICLES OF MANUFACTURE TO MEASURE ONLINE AUDIENCES	United States of America	Granted	10,552,855	2020-02-04	14/954,975	2015-11-30
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND ARTICLES OF MANUFACTURE TO MEASURE ONLINE AUDIENCES	United States of America	Application			16/779,507	2020-01-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS	Australia	Granted	2012231667	2015-09-10	2012231667	2012-02-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS	Australia	Granted	2015200121	2016-08-11	2015200121	2015-01-13
The Nielsen Company (US), LLC	CROSS-PUBLISHING CAMPAIGN MEASUREMENT METHODOLOGY	Canada	Allowed			2,810,264	2012-02-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS	China	Granted	201280003504.8	2016-09-07	201280003504.8	2012-02-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS	China	Granted	ZL201610624244.6	2019-08-09	201610624244.6	2016-08-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS	European Patent	Application			12760524.4	2012-02-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS	European Patent	Application			20166716.9	2012-02-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS	Hong Kong	Granted	1185971	2017-12-15	13113241.5	2013-11-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS	Hong Kong	Published			17104440	2017-05-03
The Nielsen Company (US), LLC	CROSS-PUBLISHING CAMPAIGN	Japan	Granted	5769816	2015-07-03	2013-544887	2012-02-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEASUREMENT METHODOLOGY						
The Nielsen Company (US), LLC	CROSS-PUBLISHING CAMPAIGN MEASUREMENT METHODOLOGY	Japan	Granted	6120909	2017-04-07	2015-125892	2015-06-23
The Nielsen Company (US), LLC	CROSS-PUBLISHING CAMPAIGN MEASUREMENT METHODOLOGY	Japan	Granted	6436445	2018-11-22	2017-063529	2017-03-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA IMPRESSIONS	United States of America	Granted	9,118,542	2015-08-25	13/756,493	2013-01-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE AN ADJUSTMENT FACTOR FOR MEDIA IMPRESSIONS	United States of America	Granted	9,497,090	2016-11-15	14/463,309	2014-08-19
The Nielsen Company (US), LLC	IMAGE RECOGNITION TO SUPPORT SHELF AUDITING FOR CONSUMER RESEARCH	European Patent	Published			12828772.9	2012-08-20
The Nielsen Company (US), LLC	IMAGE RECOGNITION TO SUPPORT SHELF AUDITING FOR CONSUMER RESEARCH	United States of America	Granted	8,908,903	2014-12-09	13/222,763	2011-08-31
The Nielsen Company (US), LLC	IMAGE RECOGNITION TO SUPPORT SHELF AUDITING FOR CONSUMER RESEARCH	United States of America	Granted	9,230,190	2016-01-05	14/561,035	2014-12-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO MONITOR A MEDIA DEVICE VIA A USB PORT	United States of America	Allowed			15/789,332	2017-10-20
The Nielsen Company (US), LLC	REAL-TIME IMAGE CORRELATIO N FOR RETAIL DISPLAY AUDITING	United States of America	Granted	8,917,902	2014-12-23	13/217,031	2011-08-24
The Nielsen Company (US), LLC	IMAGE OVERLAYING AND COMPARISON FOR INVENTORY DISPLAY AUDITING	United States of America	Granted	9,324,171	2016-04- 26	14/561,048	2014-12-04
The Nielsen Company (US), LLC	IMAGE OVERLAYING AND COMPARISON FOR INVENTORY DISPLAY AUDITING	United States of America	Granted	9,595,098	2017-03- 14	15/085,683	2016-03-30
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND MACHINE READABLE STORAGE MEDIA TO MONITOR A MEDIA PRESENTATION	United States of America	Granted	10,200,751	2019-02-05	13/436,444	2012-03-30
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND MACHINE READABLE STORAGE MEDIA TO MONITOR A MEDIA PRESENTATION	United States of America	Published			16/261,281	2019-01-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ANALYZE AND	Australia	Granted	2011374955	2015-12-17	2011374955	2011-09-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ADJUST DEMOGRAPHIC INFORMATION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ANALYZE AND ADJUST DEMOGRAPHIC INFORMATION	United States of America	Granted	9,092,797	2015-07-28	13/209,292	2011-08-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ANALYZE AND ADJUST DEMOGRAPHIC INFORMATION	United States of America	Granted	9,582,809	2017-02-28	14/809,888	2015-07-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ANALYZE AND ADJUST DEMOGRAPHIC INFORMATION	United States of America	Granted	10,096,035	2018-10-09	15/420,861	2017-01-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ANALYZE AND ADJUST DEMOGRAPHIC INFORMATION	United States of America	Published			16/051,055	2018-07-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	Australia	Granted	2012216312	2015-05-07	2012216312	2012-08-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	Canada	Granted	2,786,116	2016-07-19	2,786,116	2012-08-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	United States of America	Granted	8,620,088	2013-12-31	13/222,084	2011-08-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	United States of America	Granted	9,237,379	2016-01-12	14/093,184	2013-11-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	United States of America	Granted	8,700,657	2014-04-15	13/473,319	2012-05-16
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	United States of America	Granted	9,210,230	2015-12-08	14/141,400	2013-12-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY EXPOSURE TO 3D MEDIA PRESENTATIONS	United States of America	Granted	8,713,590	2014-04-29	13/401,547	2012-02-21
The Nielsen Company (US), LLC	MEHTODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	United States of America	Granted	8,660,307	2014-02-25	13/434,302	2012-03-29
The Nielsen Company (US), LLC	MEHTODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	United States of America	Granted	9,292,736	2016-03-22	14/136,748	2013-12-20
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO TRACK WEB BROWSING SESSIONS	United States of America	Granted	9,659,105	2017-05-23	13/421,613	2012-03-15
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO TRACK WEB BROWSING SESSIONS	United States of America	Published			15/601,543	2017-05-22
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	Australia	Granted	2012203829	2014-10-09	2012203829	2012-06-28
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE	Australia	Granted	2014218363	2016-09-01	2014218363	2014-08-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	INTERNET ACTIVITY						
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	Canada	Granted	2,781,018	2015-12-22	2,781,018	2012-06-27
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	China	Granted	102917003B	2015-06-24	201210296506.2	2012-06-29
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	China	Granted	201510295455.5	2019-05-03	201510295455.5	2015-06-02
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONTIOR MOBILE INTERNET ACTIVITY	Germany (Federal Republic of)	Granted	602012023214.5	2016-09-21	120049119.9	2012-07-02
The Nielsen Company (US), LLC	SYSTEMS, MEHTODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	France	Granted	2549713	2016-09-21	12004911.9	2012-07-02
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	India	Application			2010/DEL/2012	2012-06-28
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	Italy	Granted	2549713	2016-09-21	502016000126724	2012-07-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	United States of America	Granted	8,594,617	2013-11-26	13/174,517	2011-06-30
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY	United States of America	Granted	9,307,418	2016-04-05	14/041,613	2013-09-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY SESSION USERS WITH COOKIE INFORMATION	Australia	Granted	2013204354	2016-06-16	2013204354	2013-02-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY SESSION USERS WITH COOKIE INFORMATION	United States of America	Granted	9,015,255	2015-04-21	13/396,071	2012-02-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY SESSION USERS WITH COOKIE INFORMATION	United States of America	Granted	9,232,014	2016-01-05	14/641,982	2015-03-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY SESSION USERS WITH COOKIE INFORMATION	United States of America	Granted	9,467,519	2016-10-11	14/987,531	2016-01-04
The Nielsen Company (US), LLC	COMPARISON OF COLOR HISTOGRAM SIGNATURES FOR MATCHING DISTORTED IMAGES	United States of America	Granted	8,897,553	2014-11-25	13/324,624	2011-12-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	IMAGE COMPARISON USING COLOR HISTOGRAMS	United States of America	Granted	9,613,290	2017-04-04	14/551,824	2014-11-24
The Nielsen Company (US), LLC	IDENTIFYING OR GROUPING SIMILAR VIDEO USING COLOR HISTOGRAM SIGNATURES OVER SPACE AND TIME	United States of America	Granted	8,897,554	2014-11-25	13/324,692	2011-12-13
The Nielsen Company (US), LLC	VIDEO COMPARISON USING COLOR HISTOGRAMS	United States of America	Granted	9,158,993	2015-10-13	14/551,828	2014-11-24
The Nielsen Company (US), LLC	VIDEO COMPARISON USING COLOR HISTOGRAMS	United States of America	Granted	9,639,772	2017-05-02	14/875,318	2015-10-05
The Nielsen Company (US), LLC	FAST MULTISCALE DETECTION OF DISTORTED IMAGES USING COLOR AND POSITION HISTOGRAMS	United States of America	Granted	8,750,613	2014-06-10	13/324,695	2011-12-13
The Nielsen Company (US), LLC	DETECTING OBJECTS IN IMAGES USING COLOR HISTOGRAMS	United States of America	Granted	8,953,884	2015-02-10	14/263,501	2014-04-28
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO MONITOR A MEDIA DEVICE USING A DIGITAL AUDIO SIGNAL	United States of America	Granted	9,219,968	2015-12-22	13/340,167	2011-12-29
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO MONITOR A MEDIA DEVICE	United States of America	Granted	9,906,833	2018-02-27	14/928,839	2015-10-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	USING A DIGITAL AUDIO SIGNAL						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Granted	8,713,168	2014-04-29	13/239,005	2011-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Granted	9,596,151	2017-03-14	14/192,852	2014-02-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Granted	10,504,157	2019-12-10	15/424,594	2017-02-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION	United States of America	Application			16/706,366	2019-12-06
The Nielsen Company (US), LLC	HYBRID ACTIVE AND PASSIVE PEOPLE METERING FOR AUDIENCE MEASUREMENT	United States of America	Granted	9,185,456	2015-11-10	13/431,624	2012-03-27
The Nielsen Company (US), LLC	HYBRID ACTIVE AND PASSIVE PEOPLE METERING FOR	United States of America	Granted	9,667,920	2017-05-30	14/935,748	2015-11-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AUDIENCE MEASUREMENT						
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE GEOGRAPHICAL FEATURES USING AN IMAGE OF A GEOGRAPHICAL LOCATION	United States of America	Granted	9,002,114	2015-04-07	13/314,989	2011-12-08
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE GEOGRAPHICAL FEATURES USING AN IMAGE OF A GEOGRAPHICAL LOCATION	United States of America	Granted	9,230,167	2016-01-05	14/500,365	2014-09-29
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO INDENTIFY MEDIA DELIVERY	United States of America	Granted	9,438,965	2016-09-06	13/446,867	2012-04-13
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO INDENTIFY MEDIA DELIVERY	United States of America	Granted	9,860,570	2018-01-02	15/250,170	2016-08-29
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO IDENTIFY MEDIA	Australia	Granted	2013203683	2014-10-30	2013203683	2013-04-11
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO IDENTIFY MEDIA	Australia	Granted	2014250673	2016-09-01	2014250673	2014-10-16
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO IDENTIFY MEDIA	Australia	Granted	2016216648	2019-01-10	2016216648	2013-04-11

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO IDENTIFY MEDIA	Australia	Application			2018282417	2013-04-11
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO IDENTIFY MEDIA	Canada	Granted	2,890,486	2018-12-04	2,890,486	2013-11-06
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO IDENTIFY MEDIA	Canada	Application			3,021,656	2013-11-06
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO IDENTIFY MEDIA	European Patent	Application			13853140.5	2013-11-06
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO IDENTIFY MEDIA	United States of America	Granted	8,874,924	2014-10-28	13/671,341	2012-11-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA	United States of America	Published			14/556,197	2014-11-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA	United States of America	Published			16/355,262	2019-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A TELECOMMUNICATIONS ACCOUNT STATUS	United States of America	Granted	9,917,954	2018-03-13	14/134,815	2013-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A TELECOMMUNICATIONS ACCOUNT STATUS	United States of America	Granted	10,298,777	2019-05-21	15/837,966	2017-12-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO FORECAST NEW PRODUCT LAUNCH SOURCING	United States of America	Published			15/887,725	2018-02-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMMUNICATE AUDIENCE	United States of America	Granted	9,282,366	2016-03-08	13/584,352	2012-08-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEASUREMENT INFORMATION						
The Nielsen Company (US), LLC	SCENE-BASED PEOPLE METERING FOR AUDIENCE MEASUREMENT	United States of America	Granted	8,737,745	2014-05-27	13/431,626	2012-03-27
The Nielsen Company (US), LLC	SCENE-BASED PEOPLE METERING FOR AUDIENCE MEASUREMENT	United States of America	Granted	9,224,048	2015-12-29	14/281,429	2014-05-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CREDITING A MEDIA PRESENTATION DEVICE	Australia	Granted	2012327192	2015-11-26	2012327192	2012-12-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CREDITING A MEDIA PRESENTATION DEVICE	Australia	Granted	2015255256	2017-08-10	2015255256	2015-11-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CREDITING A MEDIA PRESENTATION DEVICE	United States of America	Granted	9,473,795	2016-10-18	13/718,878	2012-12-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CREDITING A MEDIA PRESENTATION DEVICE	United States of America	Granted	9,832,496	2017-11-28	15/015,784	2016-02-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CREDITING A MEDIA PRESENTATION DEVICE	United States of America	Allowed			15/729,395	2017-10-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CREDITING A MEDIA PRESENTATION DEVICE	United States of America	Application			16/860,987	2020-04-28
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	Australia	Granted	2012272868	2015-11-19	2012272868	2012-06-21
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	Australia	Granted	2015252031	2018-02-08	2015252031	2015-11-03
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	United States of America	Application			16/783,865	2020-02-06
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	Canada	Granted	2,840,092	2016-11-01	2,840,092	2012-06-21
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	China	Granted	201280032738.5	2017-11-28	201280032738.5	2012-06-21
The Nielsen Company (US), LLC	METER, METHOD, STORAGE MEDIUM AND SYSTEM TO MONITOR STREAMING MEDIA	China	Published			201710999408.8	2017-10-24
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	Germany (Federal Republic of)	Granted	2724547	2018-08-08	12802746.3	2012-06-21
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	Germany (Federal Republic of)	Granted	602012067523.3	2020-01-29	18181308	2012-06-21
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	European Patent	Published			20153572.1	2012-06-21
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	France	Granted	3404920	2020-01-29	18181308	2012-06-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	United Kingdom	Granted	2724547	2018-08-08	12802746.3	2012-06-21
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	United Kingdom	Granted	3404920	2020-01-29	18181308	2012-06-21
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	Hong Kong	Granted	1196737B	2018-10-05	14110150.9	2014-10-11
The Nielsen Company (US), LLC	METER, METHOD, STORAGE MEDIUM AND SYSTEM TO MONITOR STREAMING MEDIA	Hong Kong	Published			18109835	2018-07-31
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	India	Published			10208/CHENP/2013	2012-06-21
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	Japan	Granted	5963373	2016-07-08	2014-517158	2012-06-21
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	Korea, Republic of (KR)	Granted	10-1554997	2015-09-16	102013-7034954	2012-06-21
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	Mexico	Granted	330544	2015-06-04	MX/a/2013/015025	2012-06-21
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	Netherlands	Granted	2724547	2018-08-08	12802746.3	2012-06-21
The Nielsen Company (US), LLC	EXTRACTING PRE-AUDITED METADATA FROM STREAMING MEDIA CONSUMED ON SOFTWARE ON A TABLET PLATFORM	United States of America	Granted	9,210,208	2015-12-08	13/341,646	2011-12-30
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	United States of America	Published			14/922,918	2015-10-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CAPTURE IMAGES	United States of America	Granted	9,082,004	2015-07-14	13/327,227	2011-12-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CAPTURE IMAGES	United States of America	Granted	9,560,267	2017-01-31	14/732,175	2015-06-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CAPTURE IMAGES	United States of America	Granted	9,843,717	2017-12-12	15/419,120	2017-01-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CAPTURE IMAGES	United States of America	Granted	10,165,177	2018-12-25	15/793,108	2017-10-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CAPTURE IMAGES	United States of America	Published			16/196,810	2018-11-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SCAN A WIRELESS COMMUNICATION SPECTRUM	United States of America	Granted	8,805,407	2014-08-12	13/601,710	2012-08-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SCAN A WIRELESS COMMUNICATION SPECTRUM	United States of America	Granted	9,253,649	2016-02-02	14/334,143	2014-07-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SCAN A WIRELESS COMMUNICATION SPECTRUM	United States of America	Granted	9,668,145	2017-05-30	14/986,303	2015-12-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DISCOVER SPECTRUM USAGE OF MOBILE CARRIERS	United States of America	Granted	8,886,161	2014-11-11	13/646,308	2012-10-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DISCOVER SPECTRUM USAGE OF MOBILE CARRIERS	United States of America	Granted	9,763,123	2017-09-12	14/537,128	2014-11-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	NEW METHOD TO CAPTURE USER BEHAVIOUR FOR AUDIENCE MEASUREMENT BASED ON APPLICATION LOGS IN EMBEDDED DEVICES	United States of America	Granted	9,020,463	2015-04-28	13/340,053	2011-12-29
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	Australia	Granted	2013201983	2015-10-22	2013201983	2013-03-26
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	Australia	Granted	2013203410	2016-01-07	2013203410	2013-04-10
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	Canada	Granted	2,810,961	2016-05-10	2,810,961	2013-03-25
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	China	Granted	201310206837.7	2016-11-30	201310206837.7	2013-03-26
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	Germany (Federal Republic of)	Granted	602013068624.6	2020-05-06	13001543.1	2013-03-26
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	European Patent	Granted	2651052	2020-05-06	13001543.1	2013-03-26
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE	European Patent	Application			20168720.9	2013-03-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	TYPES OF SIGNATURES						
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	France	Granted	2651052	2020-05-06	13001543.1	2013-03-26
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	United Kingdom	Granted	2651052	2020-05-06	13001543.1	2013-03-26
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	Japan	Granted	5650268	2014-11-21	2013-064402	2013-03-26
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	Japan	Granted	5870435	2016-01-22	2014-230101	2014-11-12
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	Netherlands	Granted	2651052	2020-05-06	13001543.1	2013-03-26
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	United States of America	Granted	8,768,003	2014-07-01	13/430,342	2012-03-26
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	United States of America	Granted	9,106,952	2015-08-11	14/299,794	2014-06-09
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	United States of America	Granted	9,674,574	2017-06-06	14/800,317	2015-07-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	United States of America	Granted	10,212,477	2019-02-19	15/594,175	2017-05-12
The Nielsen Company (US), LLC	MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES	United States of America	Published			16/235,953	2018-12-28
The Nielsen Company (US), LLC	INTERCEPTING ENCRYPTED NETWORK TRAFFIC FOR INTERNET USAGE MONITORING	United States of America	Granted	8,914,629	2014-12- 16	13/361,651	2012-01-30
The Nielsen Company (US), LLC	INTERCEPTING ENCRYPTED NETWORK TRAFFIC FOR INTERNET USAGE MONITORING	United States of America	Granted	9,621,543	2017-04-11	14/561,042	2014-12-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR PROVIDING VIDEO WITH EMBEDDED MEDIA	United States of America	Granted	8,977,110	2015-03-10	13/570,946	2012-08-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR PROVIDING ALTERNATE MEDIA FOR VIDEO DECODERS	United States of America	Granted	9,357,240	2016-05-31	12/357,315	2009-01-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR PROVIDING ALTERNATE MEDIA FOR VIDEO DECODERS	United States of America	Granted	9,826,284	2017-11-21	15/087,048	2016-03-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR PROVIDING	United States of America	Granted	8,464,288	2013-06-11	12/357,322	2009-01-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	PERSONALIZED MEDIA IN VIDEO						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR PROVIDING PERSONALIZED MEDIA IN VIDEO	United States of America	Granted	8,955,010	2015-02-10	13/914,571	2013-06-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SEARCH DATASETS	United States of America	Granted	9,002,886	2015-04-07	13/828,780	2013-03-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SEARCH DATASETS	United States of America	Granted	9,378,267	2016-06-28	14/631,298	2015-02-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SEARCH DATASETS	United States of America	Granted	9,842,138	2017-12-12	15/190,816	2016-06-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SEARCH DATASETS	United States of America	Allowed			15/824,666	2017-11-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR PRODUCTS IN STORES	United States of America	Granted	9,471,893	2016-10-18	14/006,659	2012-09-12
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	United States of America	Granted	9,515,904	2016-12-06	13/341,661	2011-12-30
The Nielsen Company (US), LLC	MONITORING STREAMING MEDIA CONTENT	United States of America	Granted	9,838,281	2017-12-05	15/331,568	2016-10-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA	Australia	Granted	2013324105	2016-08-25	2013324105	2013-09-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA	Canada	Granted	2,875,289	2017-08-29	2,875,289	2013-09-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA	China	Granted	201380029269.6	2018-02-02	201380029269.6	2013-09-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA	European Patent	Application			13842609.3	2013-09-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA	Hong Kong	Granted	1207501B	2018-08-03	15108104.9	2013-09-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA	India	Published			10101/DELNP/2014	2013-09-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA	Japan	Granted	5951133	2016-06-17	2015-525648	2013-09-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA	Mexico	Granted	343492	2016-11-07	MX/a/2014/014741	2013-09-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING MEDIA	United States of America	Granted	9,286,912	2016-03-15	13/627,495	2012-09-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT UNINSTALLATION OF AN ON-DEVICE METER	China	Granted	201210387629.7	2018-02-09	201210387629.7	2012-09-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT UNINSTALLATION OF AN ON-DEVICE METER	China	Published			201810035323.2	2012-09-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT UNINSTALLATION	Hong Kong	Granted	1195818B	2019-01-25	14109118.2	2014-09-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	OF AN ON-DEVICE METER						
The Nielsen Company (US), LLC	APPARATUS AND METHOD TO DETECT UNINSTALLATION OF AN AUDIENCE METERING PROCESS ON A MOBILE DEVICE	Hong Kong	Published			18115134.5	2018-11-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT UNINSTALLATION OF AN ON-DEVICE METER	India	Published			2758/DEL/2012	2012-09-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT UNINSTALLATION OF AN ON-DEVICE METER	United States of America	Granted	8,701,125	2014-04-15	13/249,809	2011-09-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT UNINSTALLATION OF AN ON-DEVICE METER	United States of America	Granted	9,405,599	2016-08-02	14/141,402	2013-12-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT UNINSTALLATION OF AN ON-DEVICE METER	United States of America	Granted	10,089,158	2018-10-02	15/216,797	2016-07-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT UNINSTALLATION OF AN ON-DEVICE METER	United States of America	Allowed			16/120,119	2018-08-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARK	Australia	Granted	2013332371	2016-11-24	2013332371	2013-09-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DETECTION AND EXTRACTION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARK DETECTION AND EXTRACTION	Canada	Granted	2,887,703	2018-12-04	2,887,703	2013-09-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARK DETECTION AND EXTRACTION	European Patent	Application			13846852.5	2013-09-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO WATERMARK DETECTION AND EXTRACTION	United States of America	Granted	9,368,123	2016-06-14	13/653,001	2012-10-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY EXPOSURE TO 3D MEDIA PRESENTATIONS	United States of America	Granted	8,479,226	2013-07-02	13/401,551	2012-02-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Australia	Granted	2012272874	2016-01-07	2012272874	2012-06-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Canada	Granted	2,840,094	2016-10-18	2,840,094	2012-06-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	China	Granted	201280032737	2016-10-05	201280032737	2012-06-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Germany (Federal Republic of)	Granted	602012039571	2017-11-08	12803215.8	2012-06-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	European Patent	Granted	2735116	2017-11-08	12803215.8	2012-06-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United Kingdom	Granted	2735116	2017-11-08	12803215.8	2012-06-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Hong Kong	Granted	1196723B	2018-01-12	14109990.5	2014-10-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	India	Published			10182/CHENP/2013	2012-06-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Italy	Granted	2735116	2017-11-08	502018000004172	2012-06-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Mexico	Granted	334394	2015-10-27	MX/a/2014/000280	2012-06-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Granted	9,209,978	2015-12-08	13/472,170	2012-05-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Granted	9,197,421	2015-11-24	13/793,983	2013-03-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY USERS OF HANDHELD COMPUTING DEVICES	United States of America	Granted	9,519,909	2016-12-13	13/409,796	2012-03-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR ONLINE ACTIVITY	United States of America	Granted	9,154,565	2015-10-06	13/689,278	2012-11-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR ONLINE ACTIVITY	United States of America	Granted	9,882,997	2018-01-30	14/875,265	2015-10-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR ONLINE ACTIVITY	United States of America	Granted	10,419,561	2019-09-17	15/808,559	2017-11-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR ONLINE ACTIVITY	United States of America	Published			16/572,222	2019-09-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE AUDIENCE DUPLICATION IN CROSS-MEDIA CAMPAIGNS	United States of America	Granted	8,973,023	2015-03-03	13/779,717	2013-02-27
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR	United States of America	Granted	9,219,559	2015-12-22	13/473,358	2012-05-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AUDIENCE MEASUREMENT						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INTEGRATE TAGGED MEDIA IMPRESSIONS WITH PANELIST INFORMATION	Australia	Granted	2013205028	2016-08-25	2013205028	2013-04-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INTEGRATE TAGGED MEDIA IMPRESSIONS WITH PANELIST INFORMATION	Australia	Granted	2016213858	2018-03-08	2016213858	2016-08-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INTEGRATE TAGGED MEDIA IMPRESSIONS WITH PANELIST INFORMATION	China	Granted	201480027150.X	2019-09-13	201480027150.X	2014-03-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INTEGRATE TAGGED MEDIA IMPRESSIONS WITH PANELIST INFORMATION	China	Published			201910773215.X	2014-03-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INTEGRATE TAGGED MEDIA IMPRESSIONS WITH PANELIST INFORMATION	European Patent	Published			14762512.3	2014-03-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INTEGRATE TAGGED MEDIA IMPRESSIONS WITH PANELIST INFORMATION	Hong Kong	Published			16107825.8	2016-07-06

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INTEGRATE TAGGED MEDIA IMPRESSIONS WITH PANELIST INFORMATION	Hong Kong	Application			42020006235.400002	2020-04-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INTEGRATE TAGGED MEDIA IMPRESSIONS WITH PANELIST INFORMATION	United States of America	Published			16/005,650	2018-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY USAGE OF QUICK RESPONSE CODES	United States of America	Granted	9,218,610	2015-12-22	13/658,604	2012-10-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY USAGE OF QUICK RESPONSE CODES	United States of America	Granted	9,715,554	2017-07-25	14/927,831	2015-10-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO USE CLIENT-SERVER COMMUNICATIONS ACROSS INTERNET DOMAINS TO DETERMINE DISTRIBUTED DEMOGRAPHIC INFORMATION FOR MEDIA IMPRESSIONS	United States of America	Published			15/933,054	2018-03-22
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IDENTIFY CANDIDATES FOR TARGETED ADVERTISING IN AN ONLINE	United States of America	Granted	9,311,682	2016-04-12	13/738,469	2013-01-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	SOCIAL GAMING ENVIRONMENT						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE AUDIENCE ENGAGEMENT WITH MEDIA	Australia	Granted	2013204946	2016-06-09	2013204946	2013-04-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE AUDIENCE ENGAGEMENT WITH MEDIA	United States of America	Published			13/841,047	2013-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR IMPRESSIONS OF SOCIAL MEDIA MESSAGES	Australia	Granted	2013203743	2016-02-18	2013203743	2013-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR IMPRESSIONS OF SOCIAL MEDIA MESSAGES	Australia	Granted	2015275345	2017-08-24	2015275345	2015-12-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR IMPRESSIONS OF SOCIAL MEDIA MESSAGES	United States of America	Granted	9,055,021	2015-06-09	13/691,371	2012-11-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR IMPRESSIONS OF SOCIAL MEDIA MESSAGES	United States of America	Granted	9,734,514	2017-08-15	14/733,720	2015-06-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MANAGE MARKETING FORECASTING ACTIVITY	United States of America	Published			14/961,855	2015-12-07

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	CUSTOM ELECTRONIC PROGRAM GUIDES	United States of America	Granted	9,215,489	2015-12-15	13/691,302	2012-11-30
The Nielsen Company (US), LLC	USING MOBILE DEVICE SENSORS TO METER VIEWING ENGAGEMENT IN MOBILE CONTENT CONSUMPTION	United States of America	Granted	8,473,975	2013-06-25	13/447,862	2012-04-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT USER ATTENTIVENESS TO HANDHELD COMPUTING DEVICES	United States of America	Granted	8,869,183	2014-10-21	13/893,027	2013-05-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT USER ATTENTIVENESS TO HANDHELD COMPUTING DEVICES	United States of America	Granted	9,485,534	2016-11-01	14/495,323	2014-09-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT USER ATTENTIVENESS TO HANDHELD COMPUTING DEVICES	United States of America	Granted	10,080,053	2018-09- 18	15/265,352	2016-09-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT USER ATTENTIVENESS TO HANDHELD COMPUTING DEVICES	United States of America	Granted	10,536,747	2020-01- 14	16/119,509	2018-08-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT USER ATTENTIVENESS TO HANDHELD	United States of America	Application			16/741,399	2020-01-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	COMPUTING DEVICES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA	Australia	Granted	2014257017	2016-02-25	2014257017	2014-04-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA	Canada	Granted	2,875,431	2018-03-06	2,875,431	2014-04-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA	China	Granted	201480001436	2017-11-28	201480001436	2014-04-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA	Germany (Federal Republic of)	Granted	602014020517.8	2018-01-31	14787754	2014-04-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA	United Kingdom	Granted	2989801	2018-01-31	14787754.2	2014-04-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA	India	Published			10165/DELNP/2014	2014-04-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA	Japan	Granted	5924720	2016-04-28	2015-524518	2014-04-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA	Mexico	Granted	343495	2016-11-07	MX/a/2014/014736	2014-04-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA	United States of America	Granted	9,635,404	2017-04-25	14/132,626	2013-12-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA	United States of America	Granted	10,148,987	2018-12-04	15/458,399	2017-03-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA	United States of America	Published			16/167,014	2018-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUTOMATIC TV ON/OFF DETECTION	United States of America	Granted	9,692,535	2017-06-27	13/473,320	2012-05-16
The Nielsen Company	METHODS AND APPARATUS FOR AUTOMATIC TV	United States of America	Granted	10,205,939	2019-02-12	15/633,394	2017-06-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ON/OFF DETECTION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUTOMATIC TV ON/OFF DETECTION	United States of America	Allowed			16/272,804	2019-02-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Australia	Granted	2012272872	2015-12-03	2012272872	2012-06-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Hong Kong	Published			14109193	2014-09-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Australia	Granted	2012272876	2016-09-29	2012272876	2012-06-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Mexico	Granted	330020	2015-05-12	MX/a/2014/000281	2012-06-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SUPPLEMENT WEB CRAWLING WITH CACHED DATA FROM DISTRIBUTED DEVICES	United States of America	Granted	9,355,176	2016-05-31	13/837,510	2013-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SUPPLEMENT WEB CRAWLING WITH CACHED	United States of America	Granted	10,404,818	2019-09-03	15/167,106	2016-05-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DATA FROM DISTRIBUTED DEVICES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SUPPLEMENT WEB CRAWLING WITH CACHED DATA FROM DISTRIBUTED DEVICES	United States of America	Published			16/556,185	2019-08-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO LOGOS IN VEHICLE RACES	United States of America	Granted	9,100,720	2015-08-04	13/829,313	2013-03-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SELECT MEDIA BASED ON ENGAGEMENT LEVELS	Australia	Granted	2013204416	2015-09-24	2013204416	2013-02-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE AN AUDIENCE OF AN ONLINE MEDIA SERVICE	United States of America	Granted	9,451,323	2016-09-20	14/140,145	2013-12-24
The Nielsen Company (US), LLC	MEHTODS AND APPARATUS TO MONITOR ENVIRONMENTS	United States of America	Granted	9,020,189	2015-04-28	13/708,698	2012-12-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR ENVIRONMENTS	United States of America	Granted	9,529,451	2016-12-27	14/669,798	2015-03-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR ENVIRONMENTS	United States of America	Granted	10,049,265	2018-08-14	15/355,596	2016-11-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO	United States of America	Allowed			16/057,302	2018-08-07

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MONITOR ENVIRONMENTS						
The Nielsen Company (US), LLC	MEDIA MONITORING BASED ON PREDICTIVE SIGNATURE CACHING	United States of America	Granted	9,106,953	2015-08-11	13/687,825	2012-11-28
The Nielsen Company (US), LLC	MEDIA MONITORING BASED ON PREDICTIVE SIGNATURE CACHING	United States of America	Granted	9,723,364	2017-08-01	14/800,385	2015-07-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	United States of America	Granted	9,275,285	2016-03-01	13/434,330	2012-03-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	United States of America	Granted	8,761,442	2014-06-24	13/434,319	2012-03-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	United States of America	Granted	9,465,999	2016-10-11	14/281,104	2014-05-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	United States of America	Granted	9,092,675	2015-07-28	13/434,337	2012-03-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	United States of America	Granted	9,594,961	2017-03-14	14/732,107	2015-06-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	United States of America	Granted	10,242,270	2019-03-26	15/449,070	2017-03-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN IMAGES	United States of America	Published			16/297,270	2019-03-08

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The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHY BASED ON AERIAL IMAGES	United States of America	Granted	9,082,014	2015-07-14	13/829,625	2013-03-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHY BASED ON AERIAL IMAGES	United States of America	Granted	9,547,866	2017-01-17	14/733,711	2015-06-08
The Nielsen Company (US), LLC	DOWN-MIXING COMPENSATION FOR AUDIO WATERMARKING	Canada	Granted	2,875,367	2019-02-12	2,875,367	2014-03-05
The Nielsen Company (US), LLC	DOWN-MIXING COMPENSATION FOR AUDIO WATERMARKING	Canada	Allowed			3,027,883	2014-03-05
The Nielsen Company (US), LLC	DOWN-MIXING COMPENSATION FOR AUDIO WATERMARKING	China	Granted	201480001433.7	2017-10-24	201480001433.7	2014-03-05
The Nielsen Company (US), LLC	DOWN-MIXING COMPENSATION FOR AUDIO WATERMARKING	European Patent	Published			14778733.7	2014-03-05
The Nielsen Company (US), LLC	DOWN-MIXING COMPENSATION FOR AUDIO WATERMARKING	Mexico	Granted	342496	2016-09-30	MX/a/2014/014738	2014-03-05
The Nielsen Company (US), LLC	DOWN-MIXING COMPENSATION FOR AUDIO WATERMARKING	United States of America	Granted	9,093,064	2015-07-28	13/793,962	2013-03-11
The Nielsen Company (US), LLC	DOWN-MIXING COMPENSATION FOR AUDIO WATERMARKING	United States of America	Granted	9,514,760	2016-12-06	14/800,376	2015-07-15
The Nielsen Company (US), LLC	DOWN-MIXING COMPENSATION FOR AUDIO WATERMARKING	United States of America	Granted	9,704,494	2017-07-11	15/282,433	2016-09-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO DETECT SHAPES	United States of America	Granted	9,866,900	2018-01-09	13/797,010	2013-03-12
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO DETECT SHAPES	United States of America	Granted	10,250,942	2019-04-02	15/860,165	2018-01-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ENGAGEMENT LEVELS OF AUDIENCE MEMBERS	United States of America	Granted	8,769,557	2014-07-01	13/728,515	2012-12-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ENGAGEMENT LEVELS OF AUDIENCE MEMBERS	United States of America	Granted	9,407,958	2016-08-02	14/281,139	2014-05-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ENGAGEMENT LEVELS OF AUDIENCE MEMBERS	United States of America	Granted	10,171,869	2019-01-01	15/206,932	2016-07-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ENGAGEMENT LEVELS OF AUDIENCE MEMBERS	United States of America	Published			16/209,635	2018-12-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE ENGAGEMENT	United States of America	Published			16/360,976	2019-03-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	LEVELS OF AUDIENCE MEMBERS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE EFFICIENCIES OF MEDIA DELIVERY ACROSS PLATFORMS	United States of America	Granted	9,552,589	2017-01-24	13/837,148	2013-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE EFFICIENCIES OF MEDIA DELIVERY ACROSS PLATFORMS	United States of America	Granted	9,704,176	2017-07-11	15/365,157	2016-11-30
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO TEXT DATA AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM TEXT DATA	Australia	Granted	2013204220	2015-11-19	2013204220	2013-04-12
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO TEXT DATA AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM TEXT DATA	United States of America	Granted	9,042,554	2015-05-26	13/691,510	2012-11-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO TEXT DATA AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM TEXT DATA	United States of America	Granted	9,614,675	2017-04-04	14/705,595	2015-05-06
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO RELATIONAL DATABASE KEYS AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM RELATIONAL DATABASE KEYS	Australia	Granted	2013204226	2015-10-22	2013204226	2013-04-12
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO RELATIONAL DATABASE KEYS AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE	United States of America	Granted	9,990,478	2018-06-05	13/691,515	2012-11-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	TO OBTAIN ENCODED DATA FROM RELATIONAL DATABASE KEYS						
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO RELATIONAL DATABASE KEYS AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM RELATIONAL DATABASE KEYS	United States of America	Published			15/973,098	2018-05-07
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR IDENTIFYING A USER OF AN ELECTRONIC DEVICE	United States of America	Granted	9,223,297	2015-12-29	13/781,236	2013-02-28
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO MEASURE GEOGRAPHICAL FEATURES USING AN IMAGE OF A GEOGRAPHICAL LOCATION	United States of America	Granted	9,378,509	2016-06-28	13/829,644	2013-03-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Australia	Granted	2013204488	2016-08-18	2013204488	2013-04-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Granted	9,313,544	2016-04-12	13/767,548	2013-02-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Granted	9,357,261	2016-05-31	13/793,959	2013-03-11
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR AUDIENCE MEASUREMENT ANALYSIS	United States of America	Published			15/206,919	2016-07-11
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR AUDIENCE MEASUREMENT ANALYSIS	United States of America	Application			16/836,627	2020-03-31
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING CREDITING ERRORS DUE TO SPILLOVER USING AUDIO CODES AND/OR SIGNATURE	Australia	Granted	2013204919	2016-07-29	2013204919	2013-04-12
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING CREDITING ERRORS DUE TO SPILLOVER USING AUDIO CODES AND/OR SIGNATURE	Canada	Granted	2,875,592	2016-08-16	2,875,592	2014-03-10
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING CREDITING	China	Granted	201480001410.6	2017-05-17	201480001410.6	2014-03-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ERRORS DUE TO SPILLOVER USING AUDIO CODES AND/OR SIGNATURE						
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING CREDITING ERRORS DUE TO SPILLOVER USING AUDIO CODES AND/OR SIGNATURES	Europea n Patent	Publishe d			14773009.7	2014-03-10
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING CREDITING ERRORS DUE TO SPILLOVER USING AUDIO CODES AND/OR SIGNATURE	Hong Kong	Granted	1208742B	2018-04-06	15109152.8	2015-09-17
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING CREDITING ERRORS DUE TO SPILLOVER USING AUDIO CODES AND/OR SIGNATURE	Mexico	Granted	351445	2017-10-13	MX/a/2014/014735	2014-03-10
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING CREDITING ERRORS DUE TO SPILLOVER USING AUDIO CODES AND/OR SIGNATURE	United States of America	Granted	9,191,704	2015-11-17	13/828,702	2013-03-14
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING CREDITING	United States of America	Granted	9,380,339	2016-06-28	14/879,544	2015-10-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ERRORS DUE TO SPILLOVER USING AUDIO CODES AND/OR SIGNATURES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT MEDIA IDENTIFYING DATA	United States of America	Granted	9,148,695	2015-09-29	13/754,408	2013-01-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT MEDIA IDENTIFYING DATA	United States of America	Granted	9,838,739	2017-12-05	14/838,131	2015-08-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INCORPORATE SATURATION EFFECTS INTO MARKETING MIX MODELS	United States of America	Granted	9,721,271	2017-08-01	13/835,695	2013-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INCORPORATE SATURATION EFFECTS INTO MARKETING MIX MODELS	United States of America	Allowed			15/659,313	2017-07-25
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO MONITOR MOBILE DEVICES	United States of America	Granted	9,325,381	2016-04-26	13/833,677	2013-03-15
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO MONITOR MOBILE DEVICES	United States of America	Granted	9,769,294	2017-09-19	15/084,922	2016-03-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO	United States of America	Granted	9,301,173	2016-03-29	13/840,594	2013-03-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	CREDIT INTERNET USAGE						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	Australia	Granted	2013204865	2015-10-22	2013204865	2013-04-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	Australia	Granted	2015230772	2017-01-19	2015230772	2015-09-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	Australia	Granted		2019-02-21	2017200060	2017-01-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	Australia	Application			2018282471	2013-04-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	Brazil	Application			BR112014030 1328	2013-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	Canada	Application			2,875,210	2013-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	China	Granted	ZL201380 029272.8	2019-01-15	20138002927 2.8	2013-06-11

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	APPARATUS, METHODS AND STORAGE MEDIUM TO SHARE ONLINE MEDIA IMPRESSIONS DATA	China	Published			201910019710.1	2013-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	European Patent	Application			13803850	2013-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	Hong Kong	Granted	1208279B	2020-02-28	15108950.4	2015-09-11
The Nielsen Company (US), LLC	APPARATUS, METHODS AND STORAGE MEDIUM TO SHARE ONLINE MEDIA IMPRESSIONS DATA	Hong Kong	Application			19132301.3	2019-11-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	India	Application			10164/DELNP/2014	2013-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	Japan	Granted	6157021	2017-06-16	2015-516283	2013-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA	Japan	Granted	6423486	2018-10-26	2017-110970	2017-06-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	IMPRESSIONS DATA						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	Japan	Granted	6612949	2019-11-08	2018-196577	2013-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	Japan	Application			2019-198842	2013-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	Korea, Republic of (KR)	Granted	10-1655998	2016-09-02	10-2014-7034081	2013-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	Korea, Republic of (KR)	Granted	10-1727602	2017-04-11	10-2016-7024066	2016-08-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	United States of America	Granted	9,215,288	2015-12-15	13/915,381	2013-06-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	United States of America	Granted	10,027,773	2018-07-17	14/871,630	2015-09-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	United States of America	Granted	10,536,543	2020-01-14	15/974,472	2018-05-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA	United States of America	Application			16/740,046	2020-01-10
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO MONITOR	Australia	Granted	2013204422	2015-09-10	2013204422	2013-04-12
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO MONITOR	United States of America	Granted	9,292,923	2016-03-22	13/787,314	2013-03-06
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO MONITOR	United States of America	Granted	9,739,599	2017-08-22	15/061,191	2016-03-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A NUMBER OF PEOPLE IN AN AREA	United States of America	Granted	9,179,185	2015-11-03	13/829,067	2013-03-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A NUMBER OF PEOPLE IN AN AREA	United States of America	Granted	9,843,836	2017-12-12	14/874,011	2015-10-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A NUMBER OF PEOPLE IN AN AREA	United States of America	Published			15/831,918	2017-12-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO TEXT DATA AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM TEXT DATA	Australia	Granted	2013204619	2015-10-01	2013204619	2013-04-12
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO TEXT DATA AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM TEXT DATA	United States of America	Granted	9,087,459	2015-07-21	13/691,522	2012-11-30
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO ENCODE AUXILIARY DATA INTO TEXT DATA AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM TEXT DATA	United States of America	Granted	10,157,270	2018-12-18	14/728,532	2015-06-02
The Nielsen Company (US), LLC	METHODS, APPARATUS, AND ARTICLES OF	United States of America	Granted	10,482,222	2019-11-19	16/208,175	2018-12-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MANUFACTURE TO ENCODE AUXILIARY DATA INTO TEXT DATA AND METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO OBTAIN ENCODED DATA FROM TEXT DATA						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Australia	Granted	2013203778	2016-09-01	2013203778	2013-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS	Australia	Granted	2013204953	2016-12-22	2013204953	2013-04-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS	Australia	Granted	2016269512	2018-11-08	2016269512	2016-12-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS	Australia	Application			2018253561	2013-04-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED	Brazil	Application			BR112014030 1107	2013-08-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Canada	Published			2,873,128	2013-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	China	Granted	201380029271.3	2017-05-03	201380029271.3	2013-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	China	Published			201710261077.8	2017-04-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS	Germany (Federal Republic of)	Granted	2891074	2018-10-31	13833698.7	2013-08-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AND SEARCH TERMS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	European Patent	Allowed			18186737.5	2013-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	France	Granted	2891074	2018-10-31	13833698.699999999	2013-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	United Kingdom	Granted	2891074	2018-10-31	13833698.7	2013-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Hong Kong	Granted	1208274	2018-04-06	15108830	2015-09-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT	Hong Kong	Published			18102640	2018-02-23

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	India	Application			10163/DELNP/2014	2013-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Japan	Granted	5905164	2016-03-25	2015-524512	2013-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Japan	Granted	6366196	2018-07-13	2016-051033	2016-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS	Japan	Granted	6677422	2020-03-17	2018-126292	2013-08-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AND SEARCH TERMS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Japan	Application			2020-040986	2013-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Korea, Republic of (KR)	Granted	10-1618690	2016-04-29	10-2014-7034080	2013-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Korea, Republic of (KR)	Granted	10-1954301	2019-02-26	10-2016-7010952	2013-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Korea, Republic of (KR)	Granted	10-2056293	2019-12-10	10-2019-7005606	2014-12-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT	Korea, Republi	Application			10-2019-7036364	2014-12-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	c of (KR)					
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Netherlands	Granted	2891074	2018-10-31	13833698.699999999	2013-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Sweden	Granted	2891074	2018-10-31	13833698.699999999	2013-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	United States of America	Granted	8,930,701	2015-01-06	14/127,414	2013-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS	United States of America	Granted	9,210,130	2015-12-08	14/562,319	2014-12-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AND SEARCH TERMS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	United States of America	Granted	9,912,482	2018-03-06	14/959,990	2015-12-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	United States of America	Granted	10,063,378	2018-08-28	15/449,331	2017-03-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	United States of America	Allowed			16/045,440	2018-07-25
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY MEDIA DEVICES	United States of America	Granted	9,647,779	2017-05-09	13/931,750	2013-06-28
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY MEDIA DEVICES	United States of America	Granted	10,284,665	2019-05-07	15/588,245	2017-05-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY MEDIA DEVICES	United States of America	Granted	10,609,166	2020-03-31	16/404,366	2019-05-06
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY MEDIA DEVICES	United States of America	Application			16/834,842	2020-03-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY A TYPE OF MEDIA PRESENTED BY A MEDIA PLAYER	United States of America	Published			16/175,476	2018-10-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PRESENT SUPPLEMENTAL MEDIA ON A SECOND SCREEN	Australia	Granted	2013204927	2016-04-21	2013204927	2013-04-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PRESENT SUPPLEMENTAL MEDIA ON A SECOND SCREEN	United States of America	Granted	8,966,521	2015-02-24	13/827,943	2013-03-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PRESENT SUPPLEMENTAL MEDIA ON A SECOND SCREEN	United States of America	Granted	9,521,468	2016-12-13	14/628,535	2015-02-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PRESENT SUPPLEMENTAL MEDIA ON A SECOND SCREEN	United States of America	Published			15/363,443	2016-11-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PRESENT SUPPLEMENTAL	United States of America	Application			15/930,168	2020-05-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEDIA ON A SECOND SCREEN						
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY MEASUREING A CREST FACTOR	Australia	Granted	2013204263	2015-07-09	2013204263	2013-04-12
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY MEASUREING A CREST FACTOR	China	Granted	201480001408.9	2017-06-09	201480001408.9	2014-02-27
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY MEASURING A CREST FACTOR	Germany (Federal Republic of)	Granted	602014019436.2	2018-01-03	14757286.1	2014-02-27
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY MEASURING A CREST FACTOR	United Kingdom	Granted	2962215	2018-01-03	14757286.1	2014-02-27
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY MEASURING A CREST FACTOR	Italy	Granted	2962215	2018-01-03	502018000009774	2014-02-27
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY MEASUREING A CREST FACTOR	United States of America	Granted	9,021,516	2015-04-28	13/782,895	2013-03-01
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY MEASUREING A CREST FACTOR	United States of America	Granted	9,264,748	2016-02-16	14/662,792	2015-03-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY ANALYZING SOUND PRESSURE LEVELS	United States of America	Granted	9,219,969	2015-12-22	13/801,176	2013-03-13
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY DETECTING SIGNAL DISTORTION	Australia	Granted	2013204911	2015-05-14	2013204911	2013-04-12
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY DETECTING SIGNAL DISTORTION	Australia	Granted	2015200081	2016-05-05	2015200081	2015-01-09
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY DETECTING SIGNAL DISTORTION	European Patent	Application			14760693.3	2014-03-04
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY DETECTING SIGNAL DISTORTION	Mexico	Granted	342749	2016-10-11	MX/a/2014/014733	2014-03-04
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY DETECTING SIGNAL DISTORTION	United States of America	Granted	9,118,960	2015-08-25	13/791,432	2013-03-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY DETECTING SIGNAL DISTORTION	United States of America	Granted	9,332,306	2016-05-03	14/796,584	2015-07-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREDIT USAGE OF MOBILE DEVICES	United States of America	Granted	10,356,579	2019-07-16	13/840,543	2013-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREDIT USAGE OF MOBILE DEVICES	United States of America	Published			16/511,780	2019-07-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	Australia	Granted	2013204937	2016-10-27	2013204937	2013-04-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	Australia	Granted	2016244211	2017-12-21	2016244211	2016-10-11
The Nielsen Company (US), LLC	STORAGE MEDIUM, APPARATUS AND METHOD REFER TO DISTINGUISH LOCAL MEDIA FROM SPILLOVER MEDIA	China	Granted	ZL201480024549.2	2019-08-09	201480024549.2	2014-03-14
The Nielsen Company (US), LLC	STORAGE MEDIUM, APPARATUS AND METHOD REFER TO DISTINGUISH LOCAL MEDIA	China	Published			201910692939.1	2014-03-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	FROM SPILLOVER MEDIA						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	European Patent	Application			14763913.3	2014-03-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	Hong Kong	Published			16106883.9	2016-06-15
The Nielsen Company (US), LLC	STORAGE MEDIUM, APPARATUS AND METHOD REFER TO DISTINGUISH LOCAL MEDIA FROM SPILLOVER MEDIA	Hong Kong	Application			42020006452.5	2020-04-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	United States of America	Granted	9,197,930	2015-11-24	13/837,441	2013-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	United States of America	Granted	9,503,783	2016-11-22	14/949,401	2015-11-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT SPILLOVER IN AN AUDIENCE	United States of America	Granted	9,912,990	2018-03-06	15/299,898	2016-10-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MONITORING SYSTEM						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	United States of America	Granted	10,057,639	2018-08-21	15/903,950	2018-02-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT SPILLOVER IN AN AUDIENCE MONITORING SYSTEM	United States of America	Granted	10,219,034	2019-02-26	16/105,404	2018-08-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Published			16/428,315	2019-05-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Granted	9,986,288	2018-05-29	14/465,510	2014-08-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Granted	10,659,841	2020-05-19	15/973,080	2018-05-07
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF MANUFACTURE AND APPARATUS TO DETERMINE HEADROOM METRICS FROM MERGED DATA SOURCES	United States of America	Application			62/871,290	2019-07-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF MANUFACTURE AND APPARATUS TO DETERMINE HEADROOM METRICS FROM MERGED DATA SOURCES	United States of America	Application			62/940,630	2019-11-26
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY LINEAR AND NON-LINEAR MEDIA PRESENTATIONS	United States of America	Granted	9,693,117	2017-06-27	14/212,630	2014-03-14
The Nielsen Company (US), LLC	METHODS FOR DISCRIMINATING BETWEEN LINEAR AND NON-LINEAR MEDIA CONTENT	United States of America	Granted	9,294,815	2016-03-22	14/212,646	2014-03-14
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY LINEAR AND NON-LINEAR MEDIA PRESENTATIONS	United States of America	Granted	10,194,217	2019-01-29	15/603,065	2017-05-23
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY LINEAR AND NON-LINEAR MEDIA PRESENTATIONS	United States of America	Granted	10,567,849	2020-02- 18	16/230,601	2018-12-21
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO IDENTIFY LINEAR AND NON-LINEAR MEDIA PRESENTATIONS	United States of America	Application			16/741,291	2020-01-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Australia	Granted	2013203768	2016-08-18	2013203768	2013-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Australia	Granted	2016210699	2018-01-11	2016210699	2016-08-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Australia	Granted	2017279656	2020-01-09	2017279656	2017-12-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Australia	Application			2019283813	2013-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	United States of America	Granted	9,510,049	2016-11-29	14/073,656	2013-11-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	United States of America	Granted	10,356,475	2019-07-16	15/299,156	2016-10-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	United States of America	Published			16/355,272	2019-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EFFICIENT EXECUTION OF MODULES	Australia	Granted	2014215583	2016-11-24	2014215583	2014-02-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EFFICIENT EXECUTION OF MODULES	Australia	Application			2018253597	2014-02-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EFFICIENT EXECUTION OF MODULES	Canada	Granted	2,875,366	2019-02-26	2,875,366	2014-02-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EFFICIENT EXECUTION OF MODULES	China	Granted	201480001407.4	2018-11-16	201480001407.4	2014-02-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EFFICIENT EXECUTION OF MODULES	China	Published			201811229871.5	2014-02-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EFFICIENT EXECUTION OF MODULES	European Patent	Application			14748932.3	2014-02-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EFFICIENT EXECUTION OF MODULES	Hong Kong	Granted	1207449B	2019-12-06	15108103	2015-08-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EFFICIENT EXECUTION OF MODULES	Hong Kong	Published			19128304.3	2019-08-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EFFICIENT EXECUTION OF MODULES	Japan	Granted	6052832	2016-12-09	2015-525650	2014-02-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR EFFICIENT EXECUTION OF MODULES	United States of America	Published			13/763,333	2013-02-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY PUBLISHER ADVERTISING BEHAVIOR	United States of America	Granted	10,002,365	2018-06-19	14/529,315	2014-10-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY	United States of America	Published			16/011,194	2018-06-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	PUBLISHER ADVERTISING BEHAVIOR						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CLASSIFY AUDIO	United States of America	Granted	9,374,629	2016-06-21	13/841,920	2013-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A BASE STATION LOCATION	United States of America	Granted	9,100,926	2015-08-04	13/957,164	2013-08-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A BASE STATION LOCATION	United States of America	Granted	9,326,266	2016-04-26	14/816,855	2015-08-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A BASE STATION LOCATION	United States of America	Granted	9,591,455	2017-03-07	15/131,761	2016-04-18
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	United States of America	Granted	9,497,505	2016-11-15	14/511,805	2014-10-10
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	United States of America	Granted	9,906,835	2018-02-27	15/278,348	2016-09-28
The Nielsen Company (US), LLC	DETECTING MEDIA WATERMARKS IN MAGNETIC FIELD DATA	United States of America	Granted	9,679,053	2017-06-13	14/133,069	2013-12-18
The Nielsen Company (US), LLC	DETECTING MEDIA WATERMARKS IN MAGNETIC FIELD DATA	United States of America	Granted	10,318,580	2019-06-11	15/608,675	2017-05-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	DETECTING MEDIA WATERMARKS IN MAGNETIC FIELD DATA	United States of America	Allowed			16/417,131	2019-05-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	Australia	Granted	2014367009	2017-08-24	2014367009	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	Canada	Granted	2,932,253	2019-02-12	2,932,253	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	Canada	Allowed			3,028,490	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	China	Granted	201480068712.5	2019-04-16	201480068712.5	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	China	Published			201910155926.0	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	Germany (Federal Republic of)	Granted	602014031550	2018-08-29	14872754.8	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR	Germany (Federal	Granted	602014060783.7	2020-02-05	18183587.7	2014-12-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	CORRECT MEDIA LINEUP INFORMATION	Republ ic of)					
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	Europea n Patent	Granted	3410729	2020-02-05	18183587.7	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	Europea n Patent	Applicat ion			20154555.5	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	France	Granted	3410729	2020-02-05	18183587.7	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	United Kingdo m	Granted	3085102	2018-08-29	14872754.8	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	United Kingdo m	Granted	3410729	2020-02-05	18183587.7	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	Hong Kong	Granted	1227203B	2020-05-08	17100646.899999999	2016-06-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA	Hong Kong	Applicat ion			42020001152	2020-01-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	LINEUP INFORMATION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	Mexico	Granted	367176	2019-08-07	MX/a/2016/007321	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	Netherlands	Granted	3085102	2018-08-29	14872754.8	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	Netherlands	Granted	3410729	2020-02-05	18183587.7	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	United States of America	Granted	9,420,323	2016-08-16	14/473,639	2014-08-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	United States of America	Granted	10,097,872	2018-10-09	15/206,991	2016-07-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO VERIFY AND/OR CORRECT MEDIA LINEUP INFORMATION	United States of America	Published			16/118,226	2018-08-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Australia	Granted	2013204917	2016-09-29	2013204917	2013-04-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Australia	Granted	2016228288	2018-01-25	2016228288	2016-09-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Canada	Granted	2,875,218	2017-06-27	2,875,218	2014-03-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	China	Granted	201480001438.X	2017-08-04	201480001438.X	2014-03-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Germany (Federal Republic of)	Granted	602014054602.09998	2019-10-02	14775151.5	2014-03-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	France	Granted	2972985	2019-10-02	14775151.5	2014-03-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Hong Kong	Granted	1208272B	2018-07-13	15108750.6	2015-09-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Japan	Granted	6069808	2017-01-13	2015-525651	2014-03-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Korea, Republic of (KR)	Granted	10-1655997	2016-09-02	10-2014-7034015	2014-03-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Mexico	Granted	349818	2017-08-14	MX/a/2014/014732	2014-03-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Netherlands	Granted	2972985	2019-10-02	14775151.5	2014-03-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO	United States of America	Granted	9,503,536	2016-11-22	13/828,971	2013-03-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MONITOR MEDIA PRESENTATIONS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	United States of America	Granted	10,212,242	2019-02-19	15/299,139	2016-10-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	United States of America	Granted	10,623,511	2020-04-14	16/278,603	2019-02-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	United States of America	Application			16/814,618	2020-03-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	Australia	Granted	2014370451	2018-02-01	2014370451	2014-05-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	Australia	Granted	2018200343	2019-08-28	2018200343	2014-05-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	Canada	Allowed			2,932,235	2014-05-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	Canada	Application			TBD	2014-05-01

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	China	Granted	ZL201480070313.2	2019-08-16	201480070313.2	2014-05-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	China	Published			201910659192.X	2014-05-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	Germany (Federal Republic of)	Granted	602014045535.2	2019-04-24	14875492.2	2014-05-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	European Patent	Published			19163955.8	2014-05-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	France	Granted	3087748	2019-04-24	14875492.2	2014-05-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	Hong Kong	Granted	1227204B	2020-05-08	17100647.800000001	2016-06-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	Hong Kong	Application			42020003648	2020-03-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	Japan	Granted	6198214	2017-09-01	2016-535132	2014-05-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	Netherlands	Granted	3087748	2019-04-24	14875492.2	2014-05-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MEDIA USING MEDIA OBJECT CHARACTERISTICS	United States of America	Published			14/329,779	2014-07-11
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	Australia	Granted	2014389997	2017-11-30	2014389997	2014-12-02
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	Canada	Granted	2,940,524	2019-01-15	2,940,524	2014-12-02
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	China	Granted	ZL201480077611.4	2019-12-03	201480077611.4	2014-12-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	A METHOD AND APPARATUS TO CREDIT MEDIA	China	Published			201911082452.8	2014-12-02
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	Germany (Federal Republic of)	Granted	602014054764.80005	2019-10-02	14888969.4	2014-12-02
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	European Patent	Published			19195329.8	2014-12-02
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	France	Granted	3127344	2019-10-02	14888969.4	2014-12-02
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	United Kingdom	Published			1617286.8	2014-12-02
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	Hong Kong	Published			17107774.8	2017-08-04
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	Mexico	Granted	365412	2019-06-03	MX/a/2016/010617	2014-12-02
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	Mexico	Application			MX/a/2019/006383	2014-12-02
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	Netherlands	Granted	3127344	2019-10-02	14888969.4	2014-12-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	United States of America	Granted	9,668,020	2017-05-30	14/469,245	2014-08-26
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	United States of America	Granted	10,129,591	2018-11-13	15/607,006	2017-05-26
The Nielsen Company (US), LLC	SIGNATURE RETRIEVAL AND MATCHING FOR MEDIA MONITORING	United States of America	Published			16/188,165	2018-11-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Allowed			16/059,022	2018-08-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT ENGAGEMENT WITH MEDIA PRESENTED ON WEARABLE MEDIA DEVICES	China	Granted	201480072326.3	2019-03-15	201480072326.3	2014-11-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT ENGAGEMENT WITH MEDIA PRESENTED ON WEARABLE MEDIA DEVICES	Hong Kong	Granted	1228053B	2020-04-24	17101622.5	2016-07-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT ENGAGEMENT WITH MEDIA PRESENTED ON	Japan	Granted	6265572	2018-01-05	2016-535136	2014-11-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	WEARABLE MEDIA DEVICES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT ENGAGEMENT WITH MEDIA PRESENTED ON WEARABLE MEDIA DEVICES	Korea, Republic of (KR)	Granted	10-1806982	2017-12-04	10-2016-7018001	2014-11-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT ENGAGEMENT WITH MEDIA PRESENTED ON WEARABLE MEDIA DEVICES	United States of America	Granted	9,760,898	2017-09-12	14/250,068	2014-04-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE AN OPERATIONAL STATUS OF A DEVICE	United States of America	Granted	9,784,774	2017-10-10	14/148,278	2014-01-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE AN OPERATIONAL STATUS OF A DEVICE USING A MAGNETIC FIELD	United States of America	Allowed			15/721,432	2017-09-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREDICT END OF STREAMING MEDIA USING A PREDICTION MODEL	Australia	Granted	2014404319	2018-07-12	2014404319	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREDICT END OF STREAMING MEDIA USING A	Australia	Granted	2018204713	2019-11-28	2018204713	2014-12-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	PREDICTION MODEL						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREDICT END OF STREAMING MEDIA USING A PREDICTION MODEL	Canada	Application			2,958,125	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREDICT END OF STREAMING MEDIA USING A PREDICTION MODEL	China	Allowed			201480081558.5	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREDICT END OF STREAMING MEDIA USING A PREDICTION MODEL	Hong Kong	Published			17110902.699999999	2017-10-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREDICT END OF STREAMING MEDIA USING A PREDICTION MODEL	United States of America	Granted	9,948,539	2018-04-17	14/473,602	2014-08-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREDICT END OF STREAMING MEDIA USING A PREDICTION MODEL	United States of America	Granted	10,193,785	2019-01-29	15/954,552	2018-04-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREDICT END OF STREAMING MEDIA USING A PREDICTION MODEL	United States of America	Granted	10,547,534	2020-01-28	16/236,318	2018-12-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREDICT END OF STREAMING MEDIA USING A PREDICTION MODEL	United States of America	Application			16/773,785	2020-01-27
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Australia	Granted	2014254014	2016-09-29	2014254014	2014-04-16
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Australia	Application			2018232912	2014-04-16
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Brazil	Application			BR112014030 2456	2014-04-16
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Canada	Granted	2,875,429	2019-02-12	2,875,429	2014-04-16
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Canada	Application			3,028,472	2014-04-16
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	China	Granted	201480001434.1	2018-06-15	201480001434.1	2014-04-16
The Nielsen Company (US), LLC	APPARATUS TO MONITOR MEDIA PRESENTATIONS AND COMPUTER-READABLE STORAGE MEDIUM	China	Published			201810473916.7	2014-04-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	European Patent	Published			14785108.3	2014-04-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Hong Kong	Granted	1208292B	2019-08-30	15108749	2015-09-08
The Nielsen Company (US), LLC	APPARATUS TO MONITOR MEDIA PRESENTATIONS AND COMPUTER-READABLE STORAGE MEDIUM	Hong Kong	Published			19100458.4	2019-01-11
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	India	Published			10099/DELNP/2014	2014-04-16
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Japan	Granted	6179907	2017-07-28	2015-525656	2014-04-16
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Korea, Republic of (KR)	Granted	10-1783334	2017-09-25	10-2014-7034045	2014-04-16
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	United States of America	Granted	9,697,533	2017-07-04	13/963,737	2013-08-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	United States of America	Granted	10,489,805	2019-11-26	15/636,203	2017-06-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	United States of America	Application			16/691,191	2019-11-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREATE A PANEL OF MEDIA DEVICE USERS	United States of America	Granted	9,560,149	2017-01-31	14/145,452	2013-12-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREATE A PANEL	United States of America	Granted	10,390,094	2019-08-20	15/388,809	2016-12-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	OF MEDIA DEVICE USERS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREATE A PANEL OF MEDIA DEVICE USERS	United States of America	Published			16/544,875	2019-08-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DE-DUPLICATE IMPRESSION INFORMATION	United States of America	Granted	9,313,294	2016-04-12	14/144,149	2013-12-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DE-DUPLICATE IMPRESSION INFORMATION	United States of America	Granted	9,928,521	2018-03-27	15/095,699	2016-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DE-DUPLICATE IMPRESSION INFORMATION	United States of America	Granted	10,552,864	2020-02-04	15/933,126	2018-03-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DE-DUPLICATE IMPRESSION INFORMATION	United States of America	Application			16/780,646	2020-02-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Application			16/788,976	2020-02-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Granted	9,699,499	2017-07-04	14/266,118	2014-04-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO	United States of America	Granted	10,231,013	2019-03-12	15/638,127	2017-06-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	STREAMING MEDIA						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Allowed			16/296,632	2019-03-08
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS	Australia	Granted	2014404320	2019-02-14	2014404320	2014-12-02
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS	Australia	Allowed			2019200652	2014-12-02
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS	Canada	Allowed			2,959,487	2014-12-02
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA	China	Published			201480081569.3	2014-12-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MONITORING FOR MOBILE PLATFORMS						
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS	European Patent	Published			14900595.1	2014-12-02
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS	United Kingdom	Published			1703255.8	2014-12-02
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS	Hong Kong	Published			17112405.5	2014-12-02
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS	Japan	Granted	6328846	2018-04-27	2017-510505	2014-12-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS	Japan	Granted	6593936	2019-10-04	2018-079928	2014-12-02
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS	Korea, Republic of (KR)	Granted	10-1990896	2019-06-13	10-2017-7007718	2014-12-02
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS	Korea, Republic of (KR)	Granted	10-2086524	2020-03-03	10-2019-7016841	2014-12-02
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS	United States of America	Granted	9,923,942	2018-03-20	14/473,592	2014-08-29
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE	United States of America	Granted	10,341,401	2019-07-02	15/920,053	2018-03-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS						
The Nielsen Company (US), LLC	USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS	United States of America	Published			16/457,440	2019-06-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY USERS ASSOCIATED WITH DEVICE APPLICATION USAGE	United States of America	Published			14/139,281	2013-12-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN AN AUDIENCE	United States of America	Granted	9,426,525	2016-08-23	14/144,624	2013-12-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN AN AUDIENCE	United States of America	Granted	9,918,126	2018-03-13	15/210,321	2016-07-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN AN AUDIENCE	United States of America	Granted	10,560,741	2020-02-11	15/901,634	2018-02-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE IN AN AUDIENCE	United States of America	Application			16/786,379	2020-02-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED	Australia	Granted	2014262739	2016-05-26	2014262739	2014-05-07

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DEMOGRAPHIC INFORMATION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF USERS EMPLOYING SOCIAL MEDIA	Brazil	Application			BR112015009 5267	2014-08-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF USERS EMPLOYING SOCIAL MEDIA	Canada	Application			2,889,349	2014-08-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF USERS EMPLOYING SOCIAL MEDIA	European Patent	Application			14839065.1	2014-08-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF USERS EMPLOYING SOCIAL MEDIA	Japan	Granted	6115901	2017-03-31	2015-549875	2014-08-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF USERS EMPLOYING SOCIAL MEDIA	Korea, Republic of (KR)	Granted	10-1706745	2017-02-08	10-2015-7010954	2014-08-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF USERS EMPLOYING SOCIAL MEDIA	Korea, Republic of (KR)	Application			10-2017-7003503	2017-02-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF USERS EMPLOYING SOCIAL MEDIA	United States of America	Granted	10,333,882	2019-06-25	14/142,411	2013-12-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF USERS EMPLOYING SOCIAL MEDIA	United States of America	Published			16/450,440	2019-06-24
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS	Australia	Granted	2014260163	2016-08-18	2014260163	2014-04-28
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS	Brazil	Application			BR112014030154	2014-04-28
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS	Canada	Granted	2,875,434	2017-05-30	2,875,434	2014-04-28
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE	China	Granted	201480001437.5	2018-07-20	201480001437.5	2014-04-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEDIA PRESENTATIONS						
The Nielsen Company (US), LLC	COMPUTER STORAGE MEDIUM, METHOD FOR MONITORING MEDIA PRESENTATIONS AND AUDIENCE MEASUREMENT ENTITY SYSTEM	China	Published			201810757343 0	2014-04-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS	European Patent	Published			14791226.5	2014-04-28
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS	Hong Kong	Granted	1208298	2020-02-21	15108949.8	2015-09-11
The Nielsen Company (US), LLC	COMPUTER STORAGE MEDIUM, METHOD FOR MONITORING MEDIA PRESENTATIONS AND AUDIENCE MEASUREMENT ENTITY SYSTEM	Hong Kong	Published			19122150.6	2019-04-11
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE	Japan	Granted	6191972	2017-08-18	2015-525657	2014-04-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEDIA PRESENTATIONS						
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS	Korea, Republic of (KR)	Granted	10-1753179	2017-06-27	10-2014-7034079	2014-04-28
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS	United States of America	Granted	9,519,914	2016-12-13	14/025,575	2013-09-12
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS	United States of America	Granted	10,192,228	2019-01-29	15/299,628	2016-10-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS	United States of America	Granted	10,643,229	2020-05-05	16/226,231	2018-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS	United States of America	Application			16/829,857	2020-03-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA USING HASH KEYS	Australia	Granted	2014389996	2017-12-07	2014389996	2014-12-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA USING HASH KEYS	China	Granted	ZL201480077840.6	2019-09-06	201480077840.6	2014-12-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA USING HASH KEYS	China	Published			201910744911.8	2014-12-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA USING HASH KEYS	European Patent	Published			14889168.2	2014-12-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA USING HASH KEYS	United Kingdom	Application			1617283.5	2014-12-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA USING HASH KEYS	Hong Kong	Published			17107776.600000001	2017-08-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA USING HASH KEYS	United States of America	Granted	9,438,940	2016-09-06	14/473,670	2014-08-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA USING HASH KEYS	United States of America	Granted	9,756,368	2017-09-05	15/214,087	2016-07-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED	United States of America	Granted	10,068,246	2018-09-04	14/014,050	2013-08-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	USER INFORMATION FOR MEDIA IMPRESSIONS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS	United States of America	Published			16/049,478	2018-07-30
The Nielsen Company (US), LLC	FREQUENCY BAND SELECTION AND PROCESSING TECHNIQUES FOR MEDIA SOURCE DETECTION	United States of America	Granted	9,641,892	2017-05-02	14/332,005	2014-07-15
The Nielsen Company (US), LLC	FREQUENCY BAND SELECTION AND PROCESSING TECHNIQUES FOR MEDIA SOURCE DETECTION	United States of America	Granted	10,349,123	2019-07-09	15/476,450	2017-03-31
The Nielsen Company (US), LLC	FREQUENCY BAND SELECTION AND PROCESSING TECHNIQUES FOR MEDIA SOURCE DETECTION	United States of America	Published			16/502,426	2019-07-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPROVE USAGE CREDITING IN MOBILE DEVICES	United States of America	Granted	9,762,688	2017-09-12	14/529,784	2014-10-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPROVE USAGE CREDITING IN MOBILE DEVICES	United States of America	Granted	10,257,297	2019-04-09	15/700,883	2017-09-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPROVE USAGE	United States of America	Published			16/377,973	2019-04-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	CREDITING IN MOBILE DEVICES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREDIT BACKGROUND APPLICATIONS	United States of America	Granted	9,749,209	2017-08-29	14/503,017	2014-09-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREDIT BACKGROUND APPLICATIONS	United States of America	Granted	10,374,927	2019-08-06	15/676,191	2017-08-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREDIT BACKGROUND APPLICATIONS	United States of America	Published			16/532,108	2019-08-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DE-DUPLICATE IMPRESSION INFORMATION	United States of America	Granted	9,852,163	2017-12-26	14/261,082	2014-04-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EVALUATE ADVERTISING CAMPAIGNS	United States of America	Published			15/242,913	2016-08-22
The Nielsen Company (US), LLC	USING HASHED MEDIA IDENTIFIERS TO DETERMINE AUDIENCE MEASUREMENT DATA INCLUDING DEMOGRAPHIC DATA FROM THIRD PARTY PROVIDERS	United States of America	Published			14/550,504	2014-11-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CHARACTERIZE HOUSEHOLDS WITH MEDIA METER DATA	Australia	Granted	2014203758	2016-08-25	2014203758	2014-07-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CHARACTERIZE HOUSEHOLDS WITH MEDIA METER DATA	United States of America	Granted	9,185,435	2015-11-10	14/313,390	2014-06-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CHARACTERIZE HOUSEHOLDS WITH MEDIA METER DATA	United States of America	Granted	9,219,928	2015-12-22	14/313,414	2014-06-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CHARACTERIZE HOUSEHOLDS WITH MEDIA METER DATA	United States of America	Granted	9,247,273	2016-01-26	14/313,434	2014-06-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRECT MISATTRIBUTIONS OF MEDIA IMPRESSIONS	United States of America	Published			16/146,912	2018-09-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Australia	Granted	2014331927	2017-10-05	2014331927	2014-10-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	China	Granted	201480065971.2	2019-04-19	201480065971.2	2014-10-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	China	Application			201910227898.9	2014-10-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	European Patent	Published			14851645.3	2014-10-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	Hong Kong	Granted	1227592B	2020-05-08	17101027.600000001	2016-06-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Granted	9,332,035	2016-05-03	14/144,352	2013-12-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Granted	9,503,784	2016-11-22	15/082,991	2016-03-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Granted	10,356,455	2019-07-16	15/299,884	2016-10-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Allowed			16/436,476	2019-06-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING MEDIA FEEDS IN A MARKET	United States of America	Granted	9,324,089	2016-04-26	14/448,920	2014-07-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR METERING MEDIA	United States of America	Granted	9,781,455	2017-10-03	15/082,788	2016-03-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	FEEDS IN A MARKET						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRECT AUDIENCE MEASUREMENT DATA	United States of America	Granted	10,147,1 1 4	2018-12-04	14/502,409	2014-09-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRECT AUDIENCE MEASUREMENT DATA	United States of America	Published			16/196,481	2018-11-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT PEOPLE	United States of America	Granted	9,609,385	2017-03-28	14/471,988	2014-08-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT PEOPLE	United States of America	Granted	9,918,127	2018-03-13	15/469,968	2017-03-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT PEOPLE	United States of America	Granted	10,136,1 8 4	2018-11- 20	15/893,226	2018-02-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT PEOPLE	United States of America	Published			16/192,212	2018-11-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE AN END TIME OF STREAMING MEDIA	United States of America	Granted	9,548,915	2017-01-17	14/448,764	2014-07-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE AN END TIME OF STREAMING MEDIA	United States of America	Granted	9,838,288	2017-12-05	15/331,177	2016-10-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE AN END TIME OF STREAMING MEDIA	United States of America	Granted	10,153,9 6 0	2018-12-11	15/819,981	2017-11-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE A MEDIA RANK	United States of America	Granted	10,083,459	2018-09-25	14/501,821	2014-09-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE CONSUMER DATA	United States of America	Granted	10,235,684	2019-03-19	14/942,024	2015-11-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE CONSUMER DATA	United States of America	Published			16/266,963	2019-02-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT A STATE OF MEDIA PRESENTATION DEVICES	United States of America	Granted	9,686,031	2017-06-20	14/453,317	2014-08-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO THROTTLE MEDIA ACCESS BY WEB CRAWLERS	United States of America	Granted	9,887,933	2018-02-06	14/530,659	2014-10-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO THROTTLE MEDIA ACCESS BY WEB CRAWLERS	United States of America	Granted	10,257,113	2019-04-09	15/889,173	2018-02-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO THROTTLE MEDIA ACCESS BY WEB CRAWLERS	United States of America	Allowed			16/377,958	2019-04-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Australia	Granted	2014374322	2017-09-21	2014374322	2014-12-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Canada	Granted	2,932,256	2019-02-19	2,932,256	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Canada	Application			3028200	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	China	Granted	ZL201480071626.X	2019-08-16	201480071626.X	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	China	Published			201910661161.8	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER	European Patent	Published			14877407.8	2014-12-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Hong Kong	Published			16112390.3	2016-10-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Hong Kong	Application			42020006451.699997	2020-04-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Japan	Granted	6377158	2018-08-03	2016-535092	2014-12-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Japan	Allowed			2018-138706	2016-05-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	Japan	Application			2020-073472	2016-05-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	United States of America	Granted	9,237,138	2016-01-12	14/261,085	2014-04-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	United States of America	Granted	9,641,336	2017-05-02	14/984,624	2015-12-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	United States of America	Granted	9,979,544	2018-05-22	15/472,040	2017-03-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER	United States of America	Granted	10,158,488	2018-12-18	15/984,096	2018-05-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	United States of America	Granted	10,498,534	2019-12-03	16/222,637	2018-12-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS	United States of America	Application			16/692,874	2019-11-22
The Nielsen Company (US), LLC	FUSING ONLINE MEDIA MONITORING DATA WITH SECONDARY ONLINE DATA FEEDS TO GENERATE RATINGS DATA FOR ONLINE MEDIA EXPOSURE	United States of America	Granted	10,652,127	2020-05-12	14/506,282	2014-10-03
The Nielsen Company (US), LLC	FUSING ONLINE MEDIA MONITORING DATA WITH SECONDARY ONLINE DATA FEEDS TO GENERATE RATINGS DATA	United States of America	Application			16/870,597	2020-05-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	FOR ONLINE MEDIA EXPOSURE						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Australia	Granted	2015227441	2017-07-20	2015227441	2015-09-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	China	Granted	ZL201510723940.8	2020-02-14	201510723940.8	2015-09-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	China	Application			202010041847.X	2015-09-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	European Patent	Published			15002701.9	2015-09-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	Hong Kong	Published			16111376.3	2016-09-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS	United States of America	Published			14/489,390	2014-09-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE TRANSACTIONS WITH MEDIA IMPRESSIONS	Canada	Granted	2,872,704	2019-06-11	2,872,704	2014-11-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE TRANSACTIONS WITH MEDIA IMPRESSIONS	Canada	Application			3,040,572	2014-11-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE TRANSACTIONS WITH MEDIA IMPRESSIONS	China	Published			201410858245.8	2014-12-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE TRANSACTIONS WITH MEDIA IMPRESSIONS	Hong Kong	Published			17100046.5	2017-01-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE TRANSACTIONS WITH MEDIA IMPRESSIONS	United States of America	Published			14/473,654	2014-08-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA DISTRIBUTED VIA A NETWORK	United States of America	Granted	9,516,001	2016-12-06	14/512,143	2014-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA DISTRIBUTED VIA A NETWORK	United States of America	Granted	9,935,926	2018-04-03	15/331,454	2016-10-21
The Nielsen Company (US), LLC	EMBEDDING INFORMATION IN GENERATED ACOUSTIC SIGNALS	United States of America	Granted	9,661,402	2017-05-23	14/332,037	2014-07-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE SIGNATURES REPRESENTATIVE OF MEDIA	India	Published			2545/DEL/2014	2014-09-05
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO GENERATE SIGNATURES REPRESENTATIVE OF MEDIA	United States of America	Granted	9,548,830	2017-01-17	14/512,663	2014-10-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE SIGNATURES	United States of America	Granted	9,639,605	2017-05-02	15/085,703	2016-03-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	REPRESENTATIVE OF MEDIA						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE SIGNATURES REPRESENTATIVE OF MEDIA	United States of America	Granted	9,971,832	2018-05-15	15/496,890	2017-04-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREDIT MEDIA PRESENTATIONS FOR ONLINE MEDIA DISTRIBUTIONS	United States of America	Published			14/928,741	2015-10-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE A CROSS DEVICE AUDIENCE	Australia	Granted	2014353157	2017-12-21	2014353157	2014-11-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE A CROSS DEVICE AUDIENCE	Canada	Allowed			2,931,106	2014-11-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE A CROSS DEVICE AUDIENCE	China	Published			201480073472.8	2014-11-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE A CROSS DEVICE AUDIENCE	United States of America	Granted	9,363,558	2016-06-07	14/547,050	2014-11-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE A CROSS DEVICE AUDIENCE	United States of America	Granted	9,900,654	2018-02-20	15/168,875	2016-05-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPROVE DETECTION AND	United States of America	Granted	9,704,260	2017-07-11	14/810,989	2015-07-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	FALSE ALARM RATE OVER IMAGE SEGMENTATION						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPROVE DETECTION AND FALSE ALARM RATE OVER IMAGE SEGMENTATION	United States of America	Granted	10,354,395	2019-07-16	15/609,887	2017-05-31
The Nielsen Company (US), LLC	AUDIO WATERMARKING FOR PEOPLE MONITORING	Australia	Granted	2014400791	2018-09-13	2014400791	2014-12-02
The Nielsen Company (US), LLC	AUDIO WATERMARKING FOR PEOPLE MONITORING	Australia	Allowed			2018222996	2014-12-02
The Nielsen Company (US), LLC	AUDIO WATERMARKING FOR PEOPLE MONITORING	United States of America	Published			16/426,979	2019-05-30
The Nielsen Company (US), LLC	AUDIO WATERMARKING FOR PEOPLE MONITORING	Canada	Application			2,954,865	2014-12-02
The Nielsen Company (US), LLC	AUDIO WATERMARKING FOR PEOPLE MONITORING	China	Allowed			201480080654.8	2014-12-02
The Nielsen Company (US), LLC	AUDIO WATERMARKING FOR PEOPLE MONITORING	China	Application			202010009161.2	2014-12-02
The Nielsen Company (US), LLC	AUDIO WATERMARKING FOR PEOPLE MONITORING	European Patent	Published			14897835.6	2014-12-02
The Nielsen Company (US), LLC	AUDIO WATERMARKING FOR PEOPLE MONITORING	United Kingdom	Published			GB1700906.9	2014-12-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	AUDIO WATERMARKING FOR PEOPLE MONITORING	Hong Kong	Published			17109240	2017-09-12
The Nielsen Company (US), LLC	AUDIO WATERMARKING FOR PEOPLE MONITORING	Korea, Republic of (KR)	Granted	10-2007330	2019-07-30	10-2017-7001444	2014-12-02
The Nielsen Company (US), LLC	AUDIO WATERMARKING FOR PEOPLE MONITORING	Mexico	Application			MX/a/2017/000333	2014-12-02
The Nielsen Company (US), LLC	AUDIO WATERMARKING FOR PEOPLE MONITORING	United States of America	Granted	10,410,643	2019-09-10	14/332,055	2014-07-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE MARKET OPPORTUNITIES FOR AN OBJECT CLASS	United States of America	Published			14/671,273	2015-03-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF AN AUDIENCE OF A MEDIA EVENT USING SOCIAL MEDIA MESSAGE SENTIMENT	United States of America	Published			14/584,436	2014-12-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A STATE OF A MEDIA PRESENTATION DEVICE	United States of America	Granted	9,924,224	2018-03-20	14/926,885	2015-10-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A STATE OF A	United States of America	Allowed			15/925,360	2018-03-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEDIA PRESENTATION DEVICE						
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO DETERMINE CONSUMER LOCATIONS BASED ON NAVIGATION VOICE CUES	United States of America	Granted	9,551,588	2017-01-24	14/473,318	2014-08-29
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO DETERMINE CONSUMER LOCATIONS BASED ON NAVIGATION VOICE CUES	United States of America	Granted	9,904,938	2018-02-27	15/388,799	2016-12-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CALCULATE VIDEO-ON-DEMAND AND DYNAMICALLY INSERTED ADVERTISEMENT VIEWING PROBABILITY	United States of America	Granted	9,277,265	2016-03-01	14/618,658	2015-02-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CALCULATE VIDEO-ON-DEMAND AND DYNAMICALLY INSERTED ADVERTISEMENT VIEWING PROBABILITY	United States of America	Granted	9,544,632	2017-01-10	15/044,939	2016-02-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CALCULATE VIDEO-ON-DEMAND AND DYNAMICALLY	United States of America	Granted	9,774,900	2017-09-26	15/359,129	2016-11-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	INSERTED ADVERTISEMENT VIEWING PROBABILITY						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRELATE A DEMOGRAPHIC SEGMENT WITH A FIXED DEVICE	United States of America	Granted	10,587,706	2020-03-10	14/577,870	2014-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRELATE A DEMOGRAPHIC SEGMENT WITH A FIXED DEVICE	United States of America	Application			16/713,960	2019-12-13
The Nielsen Company (US), LLC	PEOPLE METERING ENHANCED WITH LIGHT PROJECTION PROMPTING FOR AUDIENCE MEASUREMENT	United States of America	Granted	10,062,262	2018-08-28	15/400,731	2017-01-06
The Nielsen Company (US), LLC	PEOPLE METERING ENHANCED WITH LIGHT PROJECTION PROMPTING FOR AUDIENCE MEASUREMENT	United States of America	Published			16/109,297	2018-08-22
The Nielsen Company (US), LLC	CONTEXT-BASED IMAGE RECOGNITION FOR CONSUMER MARKET RESEARCH	United States of America	Granted	9,569,692	2017-02-14	14/530,129	2014-10-31
The Nielsen Company (US), LLC	CONTEXT-BASED IMAGE RECOGNITION FOR CONSUMER MARKET RESEARCH	United States of America	Granted	9,710,723	2017-07-18	15/417,864	2017-01-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMPENSATE IMPRESSION DATA FOR MISATTRIBUTION AND NON-COVERAGE BY A DATABASE PROPRIETOR	Australia	Application			2020201228	2014-12-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMPENSATE IMPRESSION DATA FOR MISATTRIBUTION AND NON-COVERAGE BY A DATABASE PROPRIETOR	Canada	Application			2,936,701	2014-12-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMPENSATE IMPRESSION DATA FOR MISATTRIBUTION AND NON-COVERAGE BY A DATABASE PROPRIETOR	China	Published			201480077152.X	2014-12-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMPENSATE IMPRESSION DATA FOR MISATTRIBUTION AND/OR NON-COVERAGE BY A DATABASE PROPRIETOR	European Patent	Published			14885507.5	2014-12-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMPENSATE IMPRESSION DATA FOR	United Kingdom	Published			1616110.1	2014-12-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MISATTRIBUTION AND NON-COVERAGE BY A DATABASE PROPRIETOR						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMPENSATE IMPRESSION DATA FOR MISATTRIBUTION AND NON-COVERAGE BY A DATABASE PROPRIETOR	Hong Kong	Published			17108306.3	2017-08-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMPENSATE IMPRESSION DATA FOR MISATTRIBUTION AND NON-COVERAGE BY A DATABASE PROPRIETOR	Japan	Granted	6239784	2017-11-10	2016-556957	2014-12-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMPENSATE IMPRESSION DATA FOR MISATTRIBUTION AND NON-COVERAGE BY A DATABASE PROPRIETOR	Japan	Allowed			2017-211894	2017-11-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMPENSATE IMPRESSION DATA FOR MISATTRIBUTION AND NON-COVERAGE BY A DATABASE PROPRIETOR	Japan	Granted	6595072	2019-10-04	2018-208221	2014-12-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMPENSATE IMPRESSION DATA FOR MISATTRIBUTION AND NON-COVERAGE BY A DATABASE PROPRIETOR	Japan	Application			2019-174158	2014-12-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMPENSATE IMPRESSION DATA FOR MISATTRIBUTION AND NON-COVERAGE BY A DATABASE PROPRIETOR	Korea, Republic of (KR)	Granted	10-1934841	2018-12-27	10-2016-7024073	2014-12-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMPENSATE IMPRESSION DATA FOR MISATTRIBUTION AND NON-COVERAGE BY A DATABASE PROPRIETOR	Korea, Republic of (KR)	Application			10-2018-7037635	2018-12-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COMPENSATE FOR SERVER-GENERATED ERRORS IN DATABASE PROPRIETOR IMPRESSION DATA DUE TO MISATTRIBUTION AND/OR NON-COVERAGE	United States of America	Allowed			16/247,254	2019-01-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY A MOOD OF MEDIA	United States of America	Granted	9,788,777	2017-10-17	14/457,846	2014-08-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY A MOOD OF MEDIA	United States of America	Published			15/785,050	2017-10-16
The Nielsen Company (US), LLC	METHODS, APPARATUS AND MEDIUM TO GENERATE ELECTRONIC MOBILE MEASUREMENT CENSUS DATA	United States of America	Granted	9,953,330	2018-04-24	14/569,474	2014-12-12
The Nielsen Company (US), LLC	METHOD, MEDIUM, AND APPARATUS TO GENERATE ELECTRONIC MOBILE MEASUREMENT CENSUS DATA	United States of America	Granted	10,217,122	2019-02-26	15/953,177	2018-04-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE ELECTRONIC MOBILE MEASUREMENT CENSUS DATA	United States of America	Published			16/268,173	2019-02-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT SPILLOVER	United States of America	Granted	9,848,222	2017-12-19	14/920,314	2015-10-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT SPILLOVER	United States of America	Granted	10,264,301	2019-04-16	15/807,177	2017-11-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT SPILLOVER	United States of America	Allowed			16/373,353	2019-04-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY AFFINITY BETWEEN SEGMENT ATTRIBUTES AND PRODUCT CHARACTERISTICS	United States of America	Granted	10,147,108	2018-12-04	14/821,363	2015-08-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY AFFINITY BETWEEN SEGMENT ATTRIBUTES AND PRODUCT CHARACTERISTICS	United States of America	Published			16/180,812	2018-11-05
The Nielsen Company (US), LLC	DETERMINING MEDIA DEVICE ACTIVATION BASED ON FREQUENCY RESPONSE ANALYSIS	United States of America	Granted	9,747,906	2017-08-29	14/542,155	2014-11-14
The Nielsen Company (US), LLC	DETERMINING MEDIA DEVICE ACTIVATION BASED ON FREQUENCY RESPONSE ANALYSIS	United States of America	Granted	10,482,890	2019-11-19	15/667,373	2017-08-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GROUP ADVERTISEMENTS BY ADVERTISEMENT CAMPAIGN	United States of America	Granted	10,366,404	2019-07-30	14/988,273	2016-01-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GROUP ADVERTISEMENT	United States of America	Published			16/515,964	2019-07-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	S BY ADVERTISEMENT CAMPAIGN						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY SPONSORED MEDIA IN A DOCUMENT OBJECT MODEL	United States of America	Granted	10,409,884	2019-09-10	14/584,734	2014-12-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY SPONSORED MEDIA IN A DOCUMENT OBJECT MODEL	United States of America	Published			16/565,448	2019-09-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY NON-TRADITIONAL ASSET-BUNDLES FOR PURCHASING GROUPS USING SOCIAL MEDIA	United States of America	Granted	10,565,601	2020-02-18	14/634,268	2015-02-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY NON-TRADITIONAL ASSET-BUNDLES FOR PURCHASING GROUPS USING SOCIAL MEDIA	United States of America	Application			16/791,803	2020-02-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE	United States of America	Granted	9,986,289	2018-05-29	14/635,360	2015-03-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE	United States of America	Granted	10,506,285	2019-12-10	15/990,367	2018-05-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COUNT PEOPLE	United States of America	Application			16/706,396	2019-12-06

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREDICT ATTITUDES OF CONSUMERS	United States of America	Published			14/586,434	2014-12-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRECT SEGMENTATION ERRORS	United States of America	Application			16/598,160	2019-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE THE PROBABILITY OF PRESENCE	United States of America	Published			14/753,668	2015-06-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE GEOGRAPHIC LOCATIONS WITH USER DEVICES	United States of America	Granted	9,826,359	2017-11-21	14/880,381	2015-10-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE GEOGRAPHIC LOCATIONS WITH USER DEVICES	United States of America	Granted	10,057,718	2018-08-21	15/818,715	2017-11-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE GEOGRAPHIC LOCATIONS WITH USER DEVICES	United States of America	Granted	10,412,547	2019-09- 10	16/105,805	2018-08-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE GEOGRAPHIC LOCATIONS WITH USER DEVICES	United States of America	Allowed			16/565,372	2019-09-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT ADVERTISEMENT	United States of America	Published			16/137,243	2018-09-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	S EMBEDDED IN ONLINE MEDIA						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Granted	9,762,965	2017-09- 12	14/725,877	2015-05-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Granted	10,299,002	2019-05-21	15/701,397	2017-09-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO STREAMING MEDIA	United States of America	Allowed			16/416,986	2019-05-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CELL TOWER LOCATION ESTIMATION USING MULTIPLE TYPES OF DATA SOURCES	United States of America	Granted	9,571,979	2017-02- 14	14/735,708	2015-06-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CELL TOWER LOCATION ESTIMATION USING MULTIPLE TYPES OF DATA SOURCES	United States of America	Granted	9,967,712	2018-05-08	15/399,685	2017-01-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS CORRESPONDING TO MARKET SEGMENTS	United States of America	Granted	10,311,464	2019-06- 04	14/729,870	2015-06-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE IMPRESSIONS CORRESPONDING TO MARKET SEGMENTS	United States of America	Published			16/429,792	2019-06-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR INVENTORY DETERMINATIONS USING PORTABLE DEVICES	United States of America	Granted	9,367,831	2016-06-14	14/658,964	2015-03-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREVENT ILLICIT PROXY COMMUNICATIONS FROM AFFECTING A MONITORING RESULT	United States of America	Granted	10,375,194	2019-08-06	14/928,610	2015-10-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREVENT ILLICIT PROXY COMMUNICATIONS FROM AFFECTING A MONITORING RESULT	United States of America	Published			16/532,170	2019-08-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE AN OVERALL PERFORMANCE INDEX	United States of America	Granted	9,848,089	2017-12-19	14/701,235	2015-04-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COORDINATE RECEIPT OF MONITORING INFORMATION	United States of America	Granted	10,608,904	2020-03-31	15/143,516	2016-04-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COORDINATE RECEIPT OF MONITORING INFORMATION	United States of America	Application			16/834,923	2020-03-30
The Nielsen Company (US), LLC	REDUCING PROCESSING REQUIREMENTS TO CORRECT FOR BIAS IN RATINGS DATA HAVING INTERDEPENDENCIES AMONG DEMOGRAPHIC STATISTICS	United States of America	Allowed			14/835,401	2015-08-25
The Nielsen Company (US), LLC	METHODS AND APPARATUSTO ADJUST MEDIA IMPRESSIONS BASED ON MEDIA IMPRESSION NOTIFICATION LOSS RATES IN NETWORK COMMUNICATIONS	United States of America	Granted	10,332,158	2019-06-25	14/864,416	2015-09-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADJUST MEDIA IMPRESSIONS BASED ON MEDIA IMPRESSION NOTIFICATION LOSS RATES IN NETWORK COMMUNICATIONS	United States of America	Published			16/450,457	2019-06-24
The Nielsen Company (US), LLC	DETERMINING RATINGS DATA FROM POPULATION SAMPLE DATA HAVING UNRELIABLE	United States of America	Published			14/752,300	2015-06-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DEMOGRAPHIC CLASSIFICATIONS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO REPORT REFERENCE MEDIA DATA TO MULTIPLE DATA COLLECTION FACILITIES	Canada	Application			2,923,771	2016-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO REPORT REFERENCE MEDIA DATA TO MULTIPLE DATA COLLECTION FACILITIES	China	Granted	ZL201610185044.5	2019-12-20	201610185044.5	2016-03-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO REPORT REFERENCE MEDIA DATA TO MULTIPLE DATA COLLECTION FACILITIES	European Patent	Published			16000637.5	2016-03-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO REPORT REFERENCE MEDIA DATA TO MULTIPLE DATA COLLECTION FACILITIES	Hong Kong	Published			17102833.8	2017-03-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO REPORT REFERENCE MEDIA DATA TO MULTIPLE DATA COLLECTION FACILITIES	Mexico	Granted	362510	2019-01-22	MX/a/2016/003965	2016-03-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO REPORT REFERENCE MEDIA DATA TO MULTIPLE DATA COLLECTION FACILITIES	United States of America	Granted	9,680,583	2017-06-13	14/673,236	2015-03-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE THRESHOLD VALUES FOR STATE DETECTION	United States of America	Granted	9,332,305	2016-05-03	14/595,969	2015-01-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE THRESHOLD VALUES FOR STATE DETECTION	United States of America	Granted	9,680,584	2017-06-13	15/085,537	2016-03-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO FACILITATE DYNAMIC CLASSIFICATION FOR MARKET RESEARCH	United States of America	Published			14/951,944	2015-11-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE VIEWING CONDITION PROBABILITIES	United States of America	Granted	9,743,141	2017-08-22	14/737,824	2015-06-12
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO DETERMINE RATINGS DATA FROM POPULATION SAMPLE DATA HAVING UNRELIABLE	United States of America	Published			14/866,335	2015-09-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DEMOGRAPHIC CLASSIFICATIONS						
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS TO CALCULATE LONG-TERM EFFECTS OF MARKETING CAMPAIGNS	United States of America	Published			16/278,525	2019-02-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY CO-RELATIONSHIPS BETWEEN MEDIA USING SOCIAL MEDIA	United States of America	Granted	10,187,675	2019-01-22	14/880,594	2015-10-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY CO-RELATIONSHIPS BETWEEN MEDIA USING SOCIAL MEDIA	United States of America	Published			16/228,254	2018-12-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PARTITION DATA	United States of America	Granted	10,089,358	2018-10-02	14/860,361	2015-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PARTITION DATA	United States of America	Published			16/146,875	2018-09-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE RATINGS FOR MEDIA ASSETS USING SOCIAL MEDIA	United States of America	Granted	9,912,424	2018-03-06	15/167,460	2016-05-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREDICT TIME-SHIFTED EXPOSURE TO MEDIA	United States of America	Published			14/951,454	2015-11-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARTUS TO PROJECT RATINGS FOR FUTURE BROADCASTS OF MEDIA	United States of America	Allowed			16/036,614	2018-07-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING OBJECTS DEPICTED IN A VIDEO USING EXTRACTED VIDEO FRAMES IN COMBINATION WITH A REVERSE IMAGE SEARCH ENGINE	United States of America	Granted	10,062,015	2018-08-28	14/750,552	2015-06-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING OBJECTS DEPICTED IN A VIDEO USING EXTRACTED VIDEO FRAMES IN COMBINATION WITH A REVERSE IMAGE SEARCH ENGINE	United States of America	Granted	10,331,984	2019-06-25	16/051,224	2018-07-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFYING OBJECTS DEPICTED IN A VIDEO USING EXTRACTED VIDEO FRAMES IN COMBINATION WITH A REVERSE IMAGE SEARCH ENGINE	United States of America	Published			16/418,649	2019-05-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE TAGS	United States of America	Granted	10,380,166	2019-08-13	14/886,957	2015-10-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	FOR MEDIA USING MULTIPLE MEDIA FEATURES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE TAGS FOR MEDIA USING MULTIPLE MEDIA FEATURES	United States of America	Published			16/457,429	2019-06-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT IMPRESSIONS ASSOCIATED WITH OVER-THE-TOP MEDIA DEVICES	United States of America	Granted	10,410,230	2019-09-10	14/823,621	2015-08-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT IMPRESSIONS ASSOCIATED WITH OVER-THE-TOP MEDIA DEVICES	United States of America	Published			16/525,970	2019-07-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR FACILITATING A SALES TRANSACTION VIA AN INTERACTIVE DISPLAY PLATFORM	United States of America	Granted	10,223,734	2019-03-05	14/801,291	2015-07-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR FACILITATING A SALES TRANSACTION VIA AN INTERACTIVE DISPLAY PLATFORM	United States of America	Published			16/244,858	2019-01-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF A HOUSEHOLD	United States of America	Granted	9,848,224	2017-12-19	14/838,096	2015-08-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF A HOUSEHOLD	United States of America	Granted	10,298,982	2019-05-21	15/845,042	2017-12-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEMOGRAPHICS OF A HOUSEHOLD	United States of America	Published			16/388,630	2019-04-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO APPLY HOUSEHOLD-LEVEL WEIGHTS TO HOUSEHOLD-MEMBER LEVEL AUDIENCE MEASUREMENT DATA	United States of America	Granted	10,127,567	2018-11-13	14/866,233	2015-09-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO APPLY HOUSEHOLD-LEVEL WEIGHTS TO HOUSEHOLD-MEMBER LEVEL AUDIENCE MEASUREMENT DATA	United States of America	Published			16/168,532	2018-10-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PROFILE GEOGRAPHIC AREAS OF INTEREST	United States of America	Allowed			14/866,347	2015-09-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CAPTURE	United States of America	Granted	9,906,712	2018-02-27	14/796,813	2015-07-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	PHOTOGRAPHS USING MOBILE DEVICES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CAPTURE PHOTOGRAPHS USING MOBILE DEVICES	United States of America	Granted	10,136,052	2018-11-20	15/871,658	2018-01-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CAPTURE PHOTOGRAPHS USING MOBILE DEVICES	United States of America	Allowed			16/164,201	2018-10-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A CONDITIONAL PROBABLITY BASED ON AUDIENCE MEMBER PROBABLITY DISTRIBUTIONS FOR MEDIA AUDIENCE MEASUREMENT	United States of America	Granted	10,210,459	2019-02-19	15/196,742	2016-06-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A CONDITIONAL PROBABLITY BASED ON AUDIENCE MEMBER PROBABLITY DISTRIBUTIONS FOR MEDIA AUDIENCE MEASUREMENT	United States of America	Published			16/278,572	2019-02-18
The Nielsen Company (US), LLC	DETERMINING METRICS CHARACTERIZING NUMBERS OF	United States of America	Published			15/247,483	2016-08-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	UNIQUE MEMBERS OF MEDIA AUDIENCES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CALCULATE GRANULAR DATA OF A REGION BASED ON ANOTHER REGION FOR MEDIA AUDIENCE MEASUREMENT	United States of America	Granted	10,356,485	2019-07-16	14/921,921	2015-10-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CALCULATE GRANULAR DATA OF A REGION BASED ON ANOTHER REGION FOR MEDIA AUDIENCE MEASUREMENT	United States of America	Allowed			16/457,381	2019-06-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRECT FOR DETERIORATION OF A DEMOGRAPHIC MODEL TO ASSOCIATE DEMOGRAPHIC INFORMATION WITH MEDIA IMPRESSION INFORMATION	United States of America	Published			14/980,821	2015-12-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ENABLE DUPLICATION CORRECTION FOR BROADCAST STATION AUDIENCE	United States of America	Published			15/194,211	2016-06-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEASUREMENT DATA						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE WEIGHTS FOR PANELISTS IN LARGE SCALE PROBLEMS	United States of America	Granted	10,339,543	2019-07-02	14/865,639	2015-09-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE WEIGHTS FOR PANELISTS IN LARGE SCALE PROBLEMS	United States of America	Published			16/459,261	2019-07-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A DURATION OF MEDIA PRESENTATION BASED ON TUNING SESSION DURATION	United States of America	Granted	9,986,272	2018-05-29	15/011,455	2016-01-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A DURATION OF MEDIA PRESENTATION BASED ON TUNING SESSION DURATION	United States of America	Granted	10,638,177	2020-04-28	15/990,729	2018-05-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A DURATION OF MEDIA PRESENTATION BASED ON TUNING SESSION DURATION	United States of America	Application			16/860,026	2020-04-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRECT ATTRIBUTION ERROR AND COVERAGE BIAS FOR DIGITAL AUDIO RATINGS	United States of America	Allowed			15/194,113	2016-06-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE CHARACTERISTI C S OF MEDIA AUDIENCES	United States of America	Granted	9,936,255	2018-04-03	14/921,911	2015-10-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO UTILIZE MINIMUM CROSS ENTROPY TO CALCULATE GRANULAR DATA OF A REGION BASED ON ANOTHER REGION FOR MEDIA AUDIENCE MEASUREMENT	United States of America	Granted	9,800,928	2017-10- 24	15/055,257	2016-02-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO UTILIZE MINIMUM CROSS ENTROPY TO CALCULATE GRANULAR DATA OF A REGION BASED ON ANOTHER REGION FOR MEDIA AUDIENCE MEASUREMENT	United States of America	Granted	10,091,547	2018-10-02	15/787,521	2017-10-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO UTILIZE MINIMUM CROSS ENTROPY TO	United States of America	Granted	10,433,008	2019-10-01	16/146,926	2018-09-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	CALCULATE GRANULAR DATA OF A REGION BASED ON ANOTHER REGION FOR MEDIA AUDIENCE MEASUREMENT						
The Nielsen Company (US), LLC	REDUCING SCALES ESTIMATE ERRORS IN SHELF IMAGES	United States of America	Granted	10,282,607	2019-05-07	15/317,674	2016-10-28
The Nielsen Company (US), LLC	REDUCING SCALE ESTIMATE ERRORS IN SHELF IMAGES	United States of America	Published			16/401,744	2019-05-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY NON-NAMED COMPETITORS	United States of America	Published			14/985,426	2015-12-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE AUDIENCE MEASUREMENT DATA FROM POPULATION SAMPLE DATA HAVING INCOMPLETE DEMOGRAPHIC CLASSIFICATIONS	United States of America	Granted	10,045,057	2018-08-07	14/757,416	2015-12-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE AUDIENCE MEASUREMENT DATA FROM POPULATION SAMPLE DATA HAVING INCOMPLETE	United States of America	Granted	10,237,419	2019-03-19	16/003,720	2018-06-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DEMOGRAPHIC CLASSIFICATIONS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE AUDIENCE MEASUREMENT DATA FROM POPULATION SAMPLE DATA HAVING INCOMPLETE DEMOGRAPHIC CLASSIFICATIONS	United States of America	Allowed			16/291,801	2019-03-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSIGN VIEWERS TO MEDIA METER DATA	United States of America	Granted	10,219,039	2019-02-26	14/866,158	2015-09-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSIGN VIEWERS TO MEDIA METER DATA	United States of America	Allowed			16/261,035	2019-01-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPROVE DECISION TREE EXECUTION	United States of America	Granted	10,402,735	2019-09-03	14/862,583	2015-09-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPROVE DECISION TREE EXECUTION	United States of America	Published			16/557,541	2019-08-30
The Nielsen Company (US), LLC	REDUCING SIGNATURE MATCHING UNCERTAINTY IN MEDIA MONITORING SYSTEMS	United States of America	Granted	9,900,636	2018-02-20	14/947,876	2015-11-20
The Nielsen Company (US), LLC	REDUCING SIGNATURE MATCHING	United States of America	Granted	10,321,171	2019-06-11	15/894,671	2018-02-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	UNCERTAINTY IN MEDIA MONITORING SYSTEMS						
The Nielsen Company (US), LLC	REDUCING SIGNATURE MATCHING UNCERTAINTY IN MEDIA MONITORING SYSTEMS	United States of America	Published			16/417,140	2019-05-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT TEXT FROM IMAGED DOCUMENTS	China	Allowed			201610931615.5	2016-10-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT TEXT FROM IMAGED DOCUMENTS	Hong Kong	Published			18101790	2018-02-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT TEXT FROM IMAGED DOCUMENTS	Japan	Granted	6366024	2018-07-13	2016-162925	2016-08-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT TEXT FROM IMAGED DOCUMENTS	Korea, Republic of (KR)	Granted	10-1783337	2017-09-25	10-2016-0129128	2016-10-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT TEXT FROM IMAGED DOCUMENTS	Taiwan	Granted	I606406	2017-11-21	105135125	2016-10-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTRACT TEXT FROM IMAGED DOCUMENTS	United States of America	Granted	9,684,842	2017-06-20	14/927,014	2015-10-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CATEGORIZE	United States of America	Granted	10,200,757	2019-02-05	15/669,406	2017-08-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEDIA IMPRESSIONS BY AGE						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CATEGORIZE MEDIA IMPRESSIONS BY AGE	United States of America	Granted	10,602,223	2020-03-24	16/239,954	2019-01-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CATEGORIZE MEDIA IMPRESSIONS BY AGE	United States of America	Application			16/827,272	2020-03-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COORDINATE RECEIPT OF MONITORING INFORMATION	United States of America	Granted	10,419,307	2019-09-17	14/983,044	2015-12-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COORDINATE RECEIPT OF MONITORING INFORMATION	United States of America	Application			16/572,202	2019-09-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSIGN DEMOGRAPHIC INFORMATION TO PANELISTS	United States of America	Granted	9,870,486	2018-01-16	14/864,300	2015-09-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSIGN DEMOGRAPHIC INFORMATION TO PANELISTS	United States of America	Granted	10,248,811	2019-04-02	15/864,893	2018-01-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSIGN DEMOGRAPHIC	United States of America	Allowed			16/371,976	2019-04-01

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	INFORMATION TO PANELISTS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRECT ERRORS IN AUDIENCE MEASUREMENTS FOR MEDIA ACCESSED USING OVER-THE-TOP DEVICES	United States of America	Granted	10,045,082	2018-08-07	14/967,355	2015-12-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRECT ERRORS IN AUDIENCE MEASUREMENTS FOR MEDIA ACCESSED USING OVER-THE-TOP DEVICES	United States of America	Granted	10,368,130	2019-07-30	15/956,092	2018-04-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRECT ERRORS IN AUDIENCE MEASUREMENTS FOR MEDIA ACCESSED USING OVER-THE-TOP DEVICES	United States of America	Published			16/525,218	2019-07-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY LOCAL TRADE AREAS	United States of America	Granted	10,339,547	2019-07-02	14/870,944	2015-09-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY LOCAL TRADE AREAS	United States of America	Published			16/457,127	2019-06-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE PROBABILISTIC MEDIA VIEWING METRICS	United States of America	Allowed			15/385,508	2016-12-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR ESTIMATING TOTAL UNIQUE AUDIENCES	United States of America	Granted	10,270,673	2019-04-23	15/008,220	2016-01-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR ESTIMATING TOTAL UNIQUE AUDIENCES	United States of America	Granted	10,536,358	2020-01- 14	16/388,666	2019-04-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR ESTIMATING TOTAL UNIQUE AUDIENCES	United States of America	Application			16/741,487	2020-01-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPROVE REACH CALCULATION EFFICIENCY	United States of America	Granted	10,504,138	2019-12- 10	14/984,310	2015-12-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPROVE REACH CALCULATION EFFICIENCY	United States of America	Application			16/705,610	2019-12-06
The Nielsen Company (US), LLC	PRODUCT AUDITING IN POINT-OF-SALE IMAGES	United States of America	Granted	10,452,707	2019-10-22	14/787,935	2015-08-31
The Nielsen Company (US), LLC	PRODUCT AUDITING IN POINT-OF-SALE IMAGES	United States of America	Published			16/569,139	2019-09-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR A MEDIA PRESENTATIO	United States of America	Granted	10,582,235	2020-03-03	15/253,448	2016-08-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR A MEDIA PRESENTATIO	United States of America	Application			16/806,695	2020-03-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO FACILITATE LOCAL TIME-BASED DIGITAL AUDIO MEASUREMENT	United States of America	Allowed			15/230,021	2016-08-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE CORRECTED ONLINE AUDIENCE MEASUREMENT DATA	United States of America	Granted	10,380,633	2019-08-13	14/984,690	2015-12-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE CORRECTED ONLINE AUDIENCE MEASUREMENT DATA	United States of America	Published			16/538,345	2019-08-12
The Nielsen Company (US), LLC	DETECTING WATERMARK MODIFICATIONS	United States of America	Granted	10,102,602	2018-10-16	15/274,846	2016-09-23
The Nielsen Company (US), LLC	DETECTING WATERMARK MODIFICATIONS	United States of America	Granted	10,366,466	2019-07-30	16/158,007	2018-10-11
The Nielsen Company (US), LLC	DETECTING WATERMARK MODIFICATIONS	United States of America	Published			16/524,946	2019-07-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRECT AGE MISATTRIBUTION	United States of America	Published			16/277,703	2019-02-15
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO PROCESS BACKGROUND REQUESTS WHILE MONITORING NETWORK MEDIA	United States of America	Granted	10,129,349	2018-11-13	15/253,350	2016-08-31

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEMS, METHODS, AND APPARATUS TO PROCESS BACKGROUND REQUESTS WHILE MONITORING NETWORK MEDIA	United States of America	Allowed			16/188,157	2018-11-12
The Nielsen Company (US), LLC	VERIFYING INTERCONNECTION BETWEEN MEDIA DEVICES AND METERS USING TOUCH SENSING INTEGRATED CIRCUITS	United States of America	Granted	10,387,284	2019-08-20	15/371,973	2016-12-07
The Nielsen Company (US), LLC	VERIFYING INTERCONNECTION BETWEEN MEDIA DEVICES AND METERS USING TOUCH SENSING INTEGRATED CIRCUITS	United States of America	Published			16/544,132	2019-08-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE PANELIST DATA WITH CENSUS DATA	United States of America	Published			15/017,275	2016-02-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA USING HYBRID HASH KEYS	United States of America	Granted	10,200,546	2019-02-05	14/866,755	2015-09-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA USING HYBRID HASH KEYS	United States of America	Published			16/227,524	2018-12-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	ON-SITE MEASUREMENT OF OVER THE TOP MEDIA	United States of America	Granted	9,838,754	2017-12-05	15/151,182	2016-05-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE WIRELESS NETWORKS INDOORS	United States of America	Granted	10,405,217	2019-09-03	14/982,992	2015-12-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE WIRELESS NETWORKS INDOORS	United States of America	Published			16/515,868	2019-07-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM IDENTITY MATCHING ACROSS AUDIENCE MEASUREMENT SYSTEMS	United States of America	Granted	10,244,278	2019-03-26	15/385,404	2016-12-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM IDENTITY MATCHING ACROSS AUDIENCE MEASUREMENT SYSTEMS	United States of America	Allowed			16/363,600	2019-03-25
The Nielsen Company (US), LLC	METHODS AND TOOLS TO AUDIT SHELVES VIA IMAGE RECOGNITION ON DEVICE	European Patent	Published			15905278.6	2015-09-30
The Nielsen Company (US), LLC	INTERACTIVE PRODUCT AUDITING WITH A MOBILE DEVICE	United States of America	Allowed			14/894,901	2015-09-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	IMAGE QUALITY ASSESSMENT USING ADAPTIVE NON-OVERLAPPING MEAN ESTIMATION	United States of America	Granted	10,235,608	2019-03-19	15/368,132	2016-12-02
The Nielsen Company (US), LLC	IMAGE QUALITY ASSESSMENT USING ADAPTIVE NON-OVERLAPPING MEAN ESTIMATION	United States of America	Published			16/355,232	2019-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ANALYZE AND ADJUST AGE DEMOGRAPHIC INFORMATION	United States of America	Published			14/984,521	2015-12-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DE-DUPLICATE PARTIALLY-TAGGED MEDIA ENTITIES	United States of America	Published			15/240,865	2016-08-18
The Nielsen Company (US), LLC	MEDIA NAMES MATCHING AND NORMALIZATION	United States of America	Granted	10,579,628	2020-03-03	15/229,684	2016-08-05
The Nielsen Company (US), LLC	MEDIA NAMES MATCHING AND NORMALIZATION	United States of America	Application			16/806,743	2020-03-02
The Nielsen Company (US), LLC	ACCELERATED TELEVISION ADVERTISEMENT IDENTIFICATION	United States of America	Granted	10,271,107	2019-04-23	15/334,875	2016-10-26
The Nielsen Company (US), LLC	ACCELERATED TELEVISION ADVERTISEMENT IDENTIFICATION	United States of America	Granted	10,567,848	2020-02- 18	16/390,607	2019-04-22
The Nielsen Company (US), LLC	ACCELERATED TELEVISION ADVERTISEMENT IDENTIFICATION	United States of America	Application			16/791,909	2020-02-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR ADJUSTING MODEL THRESHOLD LEVELS	United States of America	Granted	10,491,696	2019-11-26	15/377,678	2016-12-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR ADJUSTING MODEL THRESHOLD LEVELS	United States of America	Application			16/688,986	2019-11-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE MEDIA IMPRESSION FREQUENCY DISTRIBUTIONS	United States of America	Published			15/551,586	2016-12-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR INCREASING THE ROBUSTNESS OF MEDIA SIGNATURES	United States of America	Granted	10,225,031	2019-03-05	15/341,855	2016-11-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR INCREASING THE ROBUSTNESS OF MEDIA SIGNATURES	United States of America	Granted	10,530,510	2020-01-07	16/263,918	2019-01-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR INCREASING THE ROBUSTNESS OF MEDIA SIGNATURES	United States of America	Application			16/735,319	2020-01-06
The Nielsen Company (US), LLC	SYSTEMS, METHODS AND APPARATUS TO FACILITATE MAPPING A DEVICE NAME TO A HARDWARE ADDRESS	United States of America	Published			15/337,902	2016-10-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETERMINING AUDIENCE METRICS ACROSS DIFFERENT MEDIA PLATFORMS	United States of America	Granted	10,412,469	2019-09-10	15/299,055	2016-10-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DETERMINING AUDIENCE METRICS ACROSS DIFFERENT MEDIA PLATFORMS	United States of America	Published			16/565,059	2019-09-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEDUPLICATED TOTAL AUDIENCES IN CROSS-PLATFORM MEDIA CAMPAIGNS	United States of America	Granted	10,313,752	2019-06-04	15/363,877	2016-11-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DEDUPLICATED TOTAL AUDIENCES IN CROSS-PLATFORM MEDIA CAMPAIGNS	United States of America	Published			16/428,032	2019-05-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE AUDIENCE COMPOSITION AND RECRUIT AUDIENCE MEASUREMENT PANELISTS	United States of America	Granted	9,936,249	2018-04-03	15/343,772	2016-11-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE AUDIENCE COMPOSITION AND RECRUIT AUDIENCE MEASUREMENT PANELISTS	United States of America	Granted	10,356,470	2019-07-16	15/907,981	2018-02-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE AUDIENCE COMPOSITION AND RECRUIT AUDIENCE MEASUREMENT PANELISTS	United States of America	Published			16/502,480	2019-07-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIENCE MEASUREMENT AND DETERMINING INFRARED SIGNAL BASED ON SIGNATURE OF SYMBOL ALPHABET	United States of America	Granted	10,200,754	2019-02-05	15/375,849	2016-12-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIENCE MEASUREMENT AND DETERMINING INFRARED SIGNAL BASED ON SIGNATURE OF SYMBOL ALPHABET	United States of America	Published			16/239,013	2019-01-03
The Nielsen Company (US), LLC	VERIFICATION OF RADIO STATION WATERMARKING WITH SOFTWARE DEFINED RADIOS	United States of America	Granted	9,887,787	2018-02-06	15/380,749	2016-12-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	VERIFICATION OF RADIO STATION WATERMARKING WITH SOFTWARE DEFINED RADIOS	United States of America	Granted	10,211,935	2019-02-19	15/885,358	2018-01-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY AND CREDIT MEDIA USING RATIOS OF MEDIA CHARACTERISTICS	United States of America	Granted	10,045,075	2018-08-07	15/234,904	2016-08-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY AND CREDIT MEDIA USING RATIOS OF MEDIA CHARACTERISTICS	United States of America	Granted	10,368,127	2019-07-30	16/055,829	2018-08-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY AND CREDIT MEDIA USING RATIOS OF MEDIA CHARACTERISTICS	United States of America	Published			16/512,056	2019-07-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS	United States of America	Granted	10,205,994	2019-02-12	15/251,954	2016-08-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS	United States of America	Published			16/235,902	2018-12-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	DETERMINING INTENSITY OF A BIOLOGICAL RESPONSE TO A PRESENTATION	United States of America	Granted	10,314,510	2019-06-11	15/089,955	2016-04-04
The Nielsen Company (US), LLC	DETERMINING INTENSITY OF A BIOLOGICAL RESPONSE TO A PRESENTATION	United States of America	Published			16/434,998	2019-06-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXPAND PANELIST ENROLLMENT	United States of America	Published			15/388,562	2016-12-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXPAND PANELIST ENROLLMENT	United States of America	Published			16/428,307	2019-05-31
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS TO IMPROVE THE EFFICIENCY OF CALCULATING A CUSTOMER RETENTION RATE	United States of America	Application			16/598,667	2019-10-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA IN A DIRECT MEDIA NETWORK	United States of America	Granted	10,554,530	2020-02-04	15/385,548	2016-12-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA IN A DIRECT MEDIA NETWORK	United States of America	Application			16/780,879	2020-02-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPROVE MARKETING STRATEGY WITH PURCHASE	United States of America	Published			15/360,283	2016-11-23

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DRIVEN PLANNING						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM SPEED-ENHANCED PLAYBACK OF RECORDED MEDIA	United States of America	Granted	9,940,968	2018-04-10	15/251,561	2016-08-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM SPEED-ENHANCED PLAYBACK OF RECORDED MEDIA	United States of America	Published			15/947,638	2018-04-06
The Nielsen Company (US), LLC	METHODS AND APPARTUS TO DETERMINE THE DIMENSIONS OF A REGION OF INTEREST OF A TARGET OBJECT FROM AN IMAGE USING TARGET OBJECT LANDMARKS	United States of America	Granted	10,235,585	2019-03-19	15/258,325	2016-09-07
The Nielsen Company (US), LLC	METHODS AND APPARTUS TO DETERMINE THE DIMENSIONS OF A REGION OF INTEREST OF A TARGET OBJECT FROM AN IMAGE USING TARGET OBJECT LANDMARKS	United States of America	Published			16/282,060	2019-02-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO FACILITATE METER TO METER MATCHING FOR MEDIA INDENTIFICATION	United States of America	Published			15/399,342	2017-01-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS TO IMPROVE MULTI-DEMOGRAPHIC MODELING EFFICIENCY	United States of America	Published			15/359,971	2016-11-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR ANALYZING MICROPHONE PLACEMENT FOR WATERMARK AND SIGNATURE RECOVERY	United States of America	Granted	10,194,256	2019-01-29	15/336,348	2016-10-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR ANALYZING MICROPHONE PLACEMENT FOR WATERMARK AND SIGNATURE RECOVERY	United States of America	Published			16/259,866	2019-01-28
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS FOR CALIBRATING DATA USING RELAXED BENCHMARK CONSTRAINTS	United States of America	Application			15/583,337	2017-05-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT UNCONFINED VIEW MEDIA	United States of America	Allowed			15/498,177	2017-04-26
The Nielsen Company (US), LLC	HEADSETS AND ELECTRODES FOR GATHERING ELECTROENCEPHALOGRAPHIC DATA	China	Published			201710304090.7	2017-03-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	HEADSETS AND ELECTRODES FOR GATHERING ELECTROENCEPHALOGRAPHIC DATA	European Patent	Published			17000413.9	2017-03-14
The Nielsen Company (US), LLC	HEADSETS AND ELECTRODES FOR GATHERING ELECTROENCEPHALOGRAPHIC DATA	Hong Kong	Published			18101172.8	2018-01-25
The Nielsen Company (US), LLC	HEADSETS AND ELECTRODES FOR GATHERING ELECTROENCEPHALOGRAPHIC DATA	Israel	Application			251112	2017-03-13
The Nielsen Company (US), LLC	HEADSETS AND ELECTRODES FOR GATHERING ELECTROENCEPHALOGRAPHIC DATA	India	Published			201714008678	2017-03-14
The Nielsen Company (US), LLC	HEADSETS AND ELECTRODES FOR GATHERING ELECTROENCEPHALOGRAPHIC DATA	Japan	Granted	6466493	2019-01-18	2017-047492	2017-03-13
The Nielsen Company (US), LLC	HEADSETS AND ELECTRODES FOR GATHERING ELECTROENCEPHALOGRAPHIC DATA	Japan	Application			2019-002168	2017-03-13
The Nielsen Company (US), LLC	HEADSETS AND ELECTRODES FOR GATHERING ELECTROENCEPHALOGRAPHIC DATA	United States of America	Granted	10,568,572	2020-02-25	15/233,168	2016-08-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	HEADSETS AND ELECTRODES FOR GATHERING ELECTROENCEPHALOGRAPHIC DATA	United States of America	Granted	10,506,977 4	2019-12-17	15/233,172	2016-08-10
The Nielsen Company (US), LLC	HEADSETS AND ELECTRODES FOR GATHERING ELECTROENCEPHALOGRAPHIC DATA	United States of America	Published			15/233,179	2016-08-10
The Nielsen Company (US), LLC	HEADSETS AND ELECTRODES FOR GATHERING ELECTROENCEPHALOGRAPHIC DATA	United States of America	Application			16/715,606	2019-12-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MOBILE DEVICE APPLICATION USAGE IN VEHICLES INCLUDING MEDIA	United States of America	Granted	10,104,564	2018-10- 16	15/487,198	2017-04-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MOBILE DEVICE APPLICATION USAGE IN VEHICLES INCLUDING MEDIA	United States of America	Granted	10,251,078	2019-04-02	16/153,218	2018-10-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MOBILE DEVICE APPLICATION USAGE IN VEHICLES	United States of America	Allowed			16/372,038	2019-04-01

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	INCLUDING MEDIA APPLICATIONS						
The Nielsen Company (US), LLC	SCALABLE ARCHITECTURES FOR REFERENCE SIGNATURE MATCHING AND UPDATING	United States of America	Published			15/374,345	2016-12-09
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS TO IMPROVE BAYESIAN POSTERIOR GENERATION EFFICIENCY	United States of America	Published			15/371,725	2016-12-07
The Nielsen Company (US), LLC	METERING DEVICE	Australia	Granted	2016172311	2017-01-18	201617231	2016-12-21
The Nielsen Company (US), LLC	METERING DEVICE	Australia	Granted	2016172314	2017-01-18	201617234	2016-12-21
The Nielsen Company (US), LLC	METERING DEVICE	Canada	Granted	171274	2019-08-13	171274	2016-11-01
The Nielsen Company (US), LLC	METERING DEVICE	Canada	Granted	180903	2019-08-13	180903	2016-11-01
The Nielsen Company (US), LLC	METERING DEVICE	Canada	Granted	180904	2019-08-13	180904	2016-11-01
The Nielsen Company (US), LLC	METERING DEVICE	Canada	Granted	180926	2019-08-13	180926	2016-11-01
The Nielsen Company (US), LLC	METERING DEVICE	China	Granted	201630639514.1	2018-01-23	201630639514.1	2016-12-22
The Nielsen Company (US), LLC	A FRONT PORTION OF A HOUSING OF A METERING DEVICE	China	Granted	201730671000.9	2018-09-07	201730671000.9	2017-12-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METERING DEVICE	European Union	Granted	3536333	2016-12-23	3536333	2016-12-23
The Nielsen Company (US), LLC	METERING DEVICE	United Kingdom	Granted	6003583	2016-11-28	6003583	2016-11-28
The Nielsen Company (US), LLC	METERING DEVICE	United Kingdom	Granted	6003584	2016-11-28	6003584	2016-11-28
The Nielsen Company (US), LLC	METERING DEVICE	United Kingdom	Granted	6003585	2016-11-28	6003585	2016-11-28
The Nielsen Company (US), LLC	METERING DEVICE	United Kingdom	Granted	6003586	2016-11-28	6003586	2016-11-28
The Nielsen Company (US), LLC	METERING DEVICE	United States of America	Granted	D820694	2018-06-19	29/569,283	2016-06-24
The Nielsen Company (US), LLC	MEDIA METERING DEVICE	United States of America	Application			29/648,746	2018-05-23
The Nielsen Company (US), LLC	INVERTIBLE METERING APPARATUS AND RELATED METHODS	Canada	Application			3028702	2017-06-22
The Nielsen Company (US), LLC	INVERTIBLE METERING APPARATUS AND RELATED METHODS	China	Published			201780040741.4	2017-06-22
The Nielsen Company (US), LLC	INVERTIBLE METERING APPARATUS AND RELATED METHODS	European Patent	Published			17816218.6	2016-06-24
The Nielsen Company (US), LLC	INVERTIBLE METERING APPARATUS AND RELATED METHODS	European Patent	Published			18215594.5	2016-06-24
The Nielsen Company (US), LLC	INVERTIBLE METERING APPARATUS AND	European Patent	Published			18215638	2016-06-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	RELATED METHODS						
The Nielsen Company (US), LLC	INVERTIBLE METERING APPARATUS AND RELATED METHODS	United States of America	Granted	10,405,036	2019-09-03	15/192,539	2016-06-24
The Nielsen Company (US), LLC	INVERTIBLE METERING APPARATUS AND RELATED METHODS	United States of America	Published			16/518,499	2019-07-22
The Nielsen Company (US), LLC	METERING DEVICE	Australia	Granted	2016172322	2017-03-07	201617232	2016-12-21
The Nielsen Company (US), LLC	METERING DEVICE	Australia	Granted	2016172333	2017-01-18	201617233	2016-12-21
The Nielsen Company (US), LLC	METERING DEVICE	Australia	Granted	2016172355	2017-01-18	201617235	2016-12-21
The Nielsen Company (US), LLC	METERING DEVICE	Canada	Granted	171273	2019-08-13	171273	2016-11-01
The Nielsen Company (US), LLC	METERING DEVICE, LENS, STENCIL AND BODY	China	Granted	201630639513.7	2018-09-07	201630639513.7	2016-12-22
The Nielsen Company (US), LLC	METERING DEVICE	European Union	Granted	3536275	2017-06-08	3536275	2016-12-23
The Nielsen Company (US), LLC	METERING DEVICE	United Kingdom	Granted	6003587	2016-11-28	6003587	2016-11-28
The Nielsen Company (US), LLC	METERING DEVICE	United Kingdom	Granted	6003588	2016-11-28	6003588	2016-11-28
The Nielsen Company (US), LLC	METERING DEVICE	United Kingdom	Granted	6003589	2016-11-28	6003589	2016-11-28
The Nielsen Company (US), LLC	METERING DEVICE	United Kingdom	Granted	6003590	2016-11-28	6003590	2016-11-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	MEDIA METERING DEVICE	United States of America	Granted	D809941	2018-02-13	29/569,285	2016-06-24
The Nielsen Company (US), LLC	STENCIL OF A MEDIA METERING DEVICE	United States of America	Application			29/631,566	2017-12-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE REACH WITH TIME DEPENDENT WEIGHTS	United States of America	Published			15/381,762	2016-12-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY RETAIL PRICING STRATEGIES	United States of America	Published			15/380,327	2016-12-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM SYMBOL-BASED WATERMARK DETECTION	United States of America	Granted	10,062,134	2018-08-28	15/192,676	2016-06-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM SYMBOL-BASED WATERMARK DETECTION	United States of America	Published			16/050,738	2018-07-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO SENSOR SELECTION IN AN AUDIENCE MEASUREMENT DEVICE	China	Allowed			201710478863.3	2017-06-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO SENSOR SELECTION IN AN AUDIENCE	China	Application			202010310262.3	2017-06-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEASUREMENT DEVICE						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO SENSOR SELECTION IN AN AUDIENCE MEASUREMENT DEVICE	European Patent	Published			17001034.2	2017-06-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO SENSOR SELECTION IN AN AUDIENCE MEASUREMENT DEVICE	Hong Kong	Published			18108216.1	2018-06-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO SENSOR SELECTION IN AN AUDIENCE MEASUREMENT DEVICE	United States of America	Granted	10,225,730	2019-03-05	15/192,666	2016-06-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AUDIO SENSOR SELECTION IN AN AUDIENCE MEASUREMENT DEVICE	United States of America	Allowed			16/291,969	2019-03-04
The Nielsen Company (US), LLC	INVERTIBLE METERING APPARATUS AND RELATED METHODS	United States of America	Granted	10,178,433	2019-01-08	15/192,554	2016-06-24
The Nielsen Company (US), LLC	INVERTIBLE METERING APPARATUS AND RELATED METHODS	United States of America	Published			16/192,394	2018-11-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METERING APPARATUS AND RELATED METHODS	United States of America	Granted	9,984,380	2018-05-29	15/192,560	2016-06-24
The Nielsen Company (US), LLC	METERING APPARATUS AND RELATED METHODS	United States of America	Published			15/981,398	2018-05-16
The Nielsen Company (US), LLC	METERING APPARATUS AND RELATED METHODS	United States of America	Published			16/418,690	2019-05-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO SIGNATURE GENERATION AND MATCHING	United States of America	Granted	10,236,005	2019-03-19	15/617,722	2017-06-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AUDIO SIGNATURE GENERATION AND MATCHING	United States of America	Published			16/355,243	2019-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR WIRELESS COMMUNICATION WITH AN AUDIENCE MEASUREMENT DEVICE	United States of America	Published			15/192,683	2016-06-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT AND PROCESS BROWSING HISTORY	United States of America	Published			15/402,868	2017-01-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO LOCATE UNKNOWN MEDIA DEVICES	European Patent	Published			18802483	2017-05-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO LOCATE UNKNOWN MEDIA DEVICES	United States of America	Published			15/595,613	2017-05-15
The Nielsen Company (US), LLC	COLLAPSED-LEVEL DEDUPLICATION BASED ON A DATA MATCHING SYSTEM	United States of America	Application			15/338,301	2016-10-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPROVE VIEWER ASSIGNMENT BY ADJUSTING FOR A LOCALIZED EVENT	United States of America	Granted	10,264,318	2019-04- 16	15/361,315	2016-11-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPUTE MEDIA CONSUMPTION BEHAVIOR	United States of America	Granted	10,547,906	2020-01-28	15/361,314	2016-11-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPUTE MEDIA CONSUMPTION BEHAVIOR	United States of America	Application			16/773,725	2020-01-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR LOCATING MOBILE DEVICES USING WIRELESS SIGNALS IN MIXED MODE	United States of America	Granted	10,531,425	2020-01-07	15/721,183	2017-09-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR LOCATING MOBILE DEVICES USING WIRELESS SIGNALS IN MIXED MODE	United States of America	Application			16/734,113	2020-01-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA	United States of America	Granted	10,129,610	2018-11-13	15/627,122	2017-06-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MEDIA	United States of America	Allowed			16/188,202	2018-11-12
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IMPROVE TIMESTAMP TRANSITION RESOLUTION	China	Application			201880067870.7	2018-10-05
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IMPROVE TIMESTAMP TRANSITION RESOLUTION	European Patent	Application			18869283.4	2018-10-05
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IMPROVE TIMESTAMP TRANSITION RESOLUTION	Japan	Application			2020-520794	2018-10-05
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IMPROVE TIMESTAMP TRANSITION RESOLUTION	Korea, Republic of (KR)	Application			10-2020-7013398	2018-10-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IMPROVE TIMESTAMP TRANSITION RESOLUTION	United States of America	Granted	10,347,262	2019-07-09	15/800,466	2017-11-01
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO IMPROVE TIMESTAMP TRANSITION RESOLUTION	United States of America	Allowed			16/450,057	2019-06-24
The Nielsen Company (US), LLC	ENSEMBLE CLASSIFICATION ALGORITHMS HAVING SUBCLASS RESOLUTION	United States of America	Published			15/387,302	2016-12-21
The Nielsen Company (US), LLC	METERING DEVICE	Australia	Granted	2018124722	2018-09-05	201812472	2018-04-27
The Nielsen Company (US), LLC	METERING DEVICE	Canada	Granted	180988	2019-08-13	180,988	2018-04-25
The Nielsen Company (US), LLC	METERING DEVICE	China	Granted	ZL201830181815.3	2018-12-14	201830181815.3	2018-04-27
The Nielsen Company (US), LLC	METERING DEVICE	European Patent	Granted	52500719	2018-07-05	52500719	2018-04-27
The Nielsen Company (US), LLC	METERING DEVICE	United Kingdom	Granted	6034112	2018-04-27	6034112	2018-04-27
The Nielsen Company (US), LLC	METERING DEVICE	United States of America	Granted	D864770	2019-10-29	29/623,974	2017-10-27
The Nielsen Company (US), LLC	CONNECTED DEVICE	United States of America	Granted	D884518	2020-05-19	29/710,996	2019-10-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE SOURCES OF	China	Application			201880064294	2018-08-07

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEDIA PRESENTATIONS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE SOURCES OF MEDIA PRESENTATIONS	European Patent	Application			18844740.3	2018-08-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE SOURCES OF MEDIA PRESENTATIONS	United Kingdom	Application			2002847.8	2018-08-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE SOURCES OF MEDIA PRESENTATIONS	United States of America	Published			15/672,605	2017-08-09
The Nielsen Company (US), LLC	TAPPING MEDIA CONNECTIONS FOR MONITORING MEDIA DEVICES	United States of America	Published			16/593,711	2019-10-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR IMPRESSIONS OF SOCIAL MEDIA MESSAGES	Australia	Granted	2013203643	2016-04-28	2013203643	2013-04-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR IMPRESSIONS OF SOCIAL MEDIA MESSAGES	United States of America	Granted	9,832,155	2017-11-28	13/756,141	2013-01-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY STREAMING MEDIA SOURCES	United States of America	Published			15/467,734	2017-03-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE	United States of America	Granted	10,171,117	2019-01-01	15/636,035	2017-06-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	EXPOSURE TO BROADCAST SIGNALS HAVING EMBEDDED DATA						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE EXPOSURE TO BROADCAST SIGNALS HAVING EMBEDDED DATA	United States of America	Allowed			16/208,225	2018-12-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INSPECT CHARACTERISTICS OF MULTICHANNEL AUDIO	United States of America	Granted	10,242,680	2019-03-26	15/612,960	2017-06-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INSPECT CHARACTERISTICS OF MULTICHANNEL AUDIO	United States of America	Published			16/363,754	2019-03-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE SYNTHETIC RESPONDENT LEVEL DATA USING CONSTRAINED MARKOV CHAINS	United States of America	Granted	10,382,818	2019-08-13	15/635,153	2017-06-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE SYNTHETIC RESPONDENT LEVEL DATA USING CONSTRAINED MARKOV CHAINS	United States of America	Published			16/526,747	2019-07-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT AUDIO ENGINEERING PROBLEMS USING IDENTIFICATION OF ISOLATED WATERMARKS	United States of America	Granted	10,531,148	2020-01-07	15/640,043	2017-06-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT AUDIO ENGINEERING PROBLEMS USING IDENTIFICATION OF ISOLATED WATERMARKS	United States of America	Application			16/733,987	2020-01-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE SYNTHETIC RESPONDENT LEVEL DATA	United States of America	Granted	10,602,224	2020-03- 24	15/445,557	2017-02-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE SYNTHETIC RESPONDENT LEVEL DATA	United States of America	Application			16/805,361	2020-02-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE TOTAL AUDIENCE POPULATION DISTRIBUTIONS	United States of America	Published			15/812,768	2017-11-14
The Nielsen Company (US), LLC	CLUSTERING TELEVISION PROGRAMS BASED ON VIEWING BEHAVIOR	United States of America	Granted	10,405,040	2019-09-03	15/799,636	2017-10-31
The Nielsen Company (US), LLC	CLUSTERING TELEVISION PROGRAMS BASED ON	United States of America	Published			16/555,871	2019-08-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	VIEWING BEHAVIOR						
The Nielsen Company (US), LLC	ESTIMATING VOLUME OF SWITCHING AMONG TELEVISION PROGRAMS FOR AN AUDIENCE MEASUREMENT PANEL	United States of America	Granted	10,419,141	2019-09-17	15/799,660	2017-10-31
The Nielsen Company (US), LLC	ESTIMATING VOLUME OF SWITCHING AMONG TELEVISION PROGRAMS FOR AN AUDIENCE MEASUREMENT PANEL	United States of America	Published			16/572,135	2019-09-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DELIVER TARGETED ADVERTISING	United States of America	Published			15/663,059	2017-07-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ASSOCIATE AUDIENCE MEMBERS WITH OVER-THE-TOP DEVICE MEDIA IMPRESSIONS	United States of America	Published			15/821,507	2017-11-22
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS TO PREVENT UNAUTHORIZED MODEM USE	United States of America	Granted	10,389,721	2019-08-20	15/496,834	2017-04-25
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS TO PREVENT	United States of America	Published			16/524,703	2019-07-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	UNAUTHORIZED MODEM USE						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MODEL ON/OFF STATES OF MEDIA PRESENTATION DEVICES BASED ON RETURN PATH DATA	United States of America	Granted	10,448,108	2019-10-15	15/639,164	2017-06-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MODEL ON/OFF STATES OF MEDIA PRESENTATION DEVICES BASED ON RETURN PATH DATA	United States of America	Published			16/566,354	2019-09-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IMPROVE MEDIA MONITORING BY ADJUSTING FOR CO-VIEWING	United States of America	Published			15/799,791	2017-10-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM MULTI-LEVEL HIERARCHICAL DEMOGRAPHIC CLASSIFICATION	United States of America	Published			15/447,909	2017-03-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CALIBRATE AUDIENCE MEASUREMENT RATINGS BASED ON RETURN PATH DATA	United States of America	Granted	10,277,944	2019-04-30	15/693,137	2017-08-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CALIBRATE AUDIENCE MEASUREMENT	United States of America	Granted	10,560,744	2020-02-11	16/382,848	2019-04-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	RATINGS BASED ON RETURN PATH DATA						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CALIBRATE AUDIENCE MEASUREMENT RATINGS BASED ON RETURN PATH DATA	United States of America	Application			16/779,008	2020-01-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRECT MISATTRIBUTIONS OF MEDIA IMPRESSIONS	United States of America	Granted	10,469,903	2019-11-05	15/842,545	2017-12-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CORRECT MISATTRIBUTIONS OF MEDIA IMPRESSIONS	United States of America	Application			16/673,711	2019-11-04
The Nielsen Company (US), LLC	PLUG RETAINER APPARATUS AND RELATED METHODS	United States of America	Published			15/668,509	2017-08-03
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO INCREASE ACCURACY OF EYE TRACKING	United States of America	Granted	10,304,209	2019-05-28	15/491,682	2017-04-19
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO INCREASE ACCURACY OF EYE TRACKING	United States of America	Allowed			16/404,132	2019-05-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE POPULATION REACH FROM MARGINAL RATINGS	United States of America	Published			16/657,652	2019-10-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS OF IDENTIFICATION OF STREAMING ACTIVITY AND SOURCE FOR CACHED MEDIA ON STREAMING DEVICES	Canada	Application			3,073,168	2018-08-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS OF IDENTIFICATION OF STREAMING ACTIVITY AND SOURCE FOR CACHED MEDIA ON STREAMING DEVICES	China	Application			201880061912.6	2018-08-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS OF IDENTIFICATION OF STREAMING ACTIVITY AND SOURCE FOR CACHED MEDIA ON STREAMING DEVICES	European Patent	Application			18846787.2	2018-08-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS OF IDENTIFICATION OF STREAMING ACTIVITY AND SOURCE FOR CACHED MEDIA ON STREAMING DEVICES	United Kingdom	Application			2002844.5	2018-08-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS OF IDENTIFICATION OF STREAMING ACTIVITY AND SOURCE FOR CACHED MEDIA ON STREAMING DEVICES	United States of America	Granted	10,631,018	2020-04-21	15/678,093	2017-08-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS OF IDENTIFICATION OF STREAMING ACTIVITY AND SOURCE FOR CACHED MEDIA ON STREAMING DEVICES	United States of America	Application			16/853,690	2020-04-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE POPULATION REACH FROM DIFFERENT MARGINAL RATING UNIONS	United States of America	Allowed			15/445,530	2017-02-28
The Nielsen Company (US), LLC	METHODS FOR DETERMINING ADVERTISEMENT USAGE BY PROXY LOG DATA	United States of America	Published			15/803,548	2017-11-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS OF MEDIA DEVICE DETECTION FOR MINIMALLY INVASIVE MEDIA METERS	China	Application			201880064588.3	2018-08-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS OF MEDIA DEVICE DETECTION FOR MINIMALLY INVASIVE MEDIA METERS	European Patent	Application			18843568.9	2018-08-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS OF MEDIA DEVICE DETECTION FOR MINIMALLY INVASIVE MEDIA METERS	United States of America	Allowed			15/674,297	2017-08-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS, SYSTEMS, APPARATUS AND ARTICLES OF MANUFACTURE TO GENERATE PROJECTION WEIGHTS FOR A	United States of America	Published			15/827,612	2017-11-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO REPLICATE PANELISTS USING A LOCAL MINIMUM SOLUTION OF AN INTEGER LEAST SQUARES PROBLEM	United States of America	Allowed			15/619,257	2017-06-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE REFERENCE SIGNATURES FROM STREAMING MEDIA	United States of America	Published			15/679,862	2017-08-17
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR RESPONSE CLUSTERING	United States of America	Granted	7,707,171	2010-04-27	11/227,255	2005-09-16
The Nielsen Company (US), LLC	SYSTEM AND METHOD OF SEGMENTING AND TAGGING ENTITIES BASED ON PROFILE MATCHING USING A MULTI-MEDIA SURVEY	United States of America	Granted	8,650,141	2014-11-02	12/294,934	2007-03-27
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR COMPUTERIZED SEARCHING AND MATCHING	United States of America	Granted	7,610,255	2009-10-27	11/677,055	2007-02-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MULTIMEDIA OBJECTS USING EMOTIONAL PREFERENCE						
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR COMPUTERIZED SEARCHING AND MATCHING MULTIMEDIA OBJECTS USING EMOTIONAL PREFERENCE	United States of America	Granted	8,751,430	2014-06-10	12/353,988	2009-01-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM MEDIA DEVICE ASSET QUALIFICATION	Canada	Application			3,070,458	2018-07-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM MEDIA DEVICE ASSET QUALIFICATION	China	Published			201880056829.X	2018-07-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM MEDIA DEVICE ASSET QUALIFICATION	European Patent	Application			18842341.2	2018-07-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM MEDIA DEVICE ASSET QUALIFICATION	Japan	Application			2020-503701	2018-07-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM MEDIA DEVICE ASSET QUALIFICATION	Korea, Republic of (KR)	Application			10-2020-7004329	2018-07-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM MEDIA DEVICE ASSET QUALIFICATION	United States of America	Granted	10,440,413	2019-10-08	15/665,055	2017-07-31

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM MEDIA DEVICE ASSET QUALIFICATION	United States of America	Published			16/595,345	2019-10-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREATE OPPORTUNISTIC NETWORK OF IOT COLLABORATION AGENTS TO COLLECT DATA FROM MOBILE DEVICES	United States of America	Published			15/891,349	2018-02-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREATE OPPORTUNISTIC NETWORK OF IOT COLLABORATION AGENTS TO COLLECT DATA FROM MOBILE DEVICES	Patent Cooperation Treaty	Published			PCT/US19/16675	2019-02-05
The Nielsen Company (US), LLC	ASSIGNING SYNTHETIC RESPONDENTS TO GEOGRPHIC LOCATIONS FOR AUDIENCE MEASUREMENT	United States of America	Granted	10,448,074	2019-10-15	15/799,646	2017-10-31
The Nielsen Company (US), LLC	ASSIGNING SYNTHETIC RESPONDENTS TO GEOGRAPHIC LOCATIONS FOR AUDIENCE MEASUREMENT	United States of America	Published			16/596,261	2019-10-08
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR MONITORING MALICIOUS SOFTWARE ENGAGING IN	United States of America	Granted	10,621,613	2020-04-14	15/147,503	2016-05-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ONLINE ADVERTISING FRAUD OR OTHER FORM OF DECEIT						
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR MONITORING MALICIOUS SOFTWARE ENGAGING IN ONLINE ADVERTISING FRAUD OR OTHER FORM OF DECEIT	United States of America	Application			16/847,599	2020-04-13
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO EVALUATE AND DETERMINE DEGREE OF PRETENSE IN ONLINE ADVERTISEMENT	United States of America	Granted	10,373,195	2019-08-06	15/170,196	2016-06-01
The Nielsen Company (US), LLC	METHODS AND SYSTEMS TO EVALUATE AND DETERMINE DEGREE OF PRETENSE IN ONLINE ADVERTISEMENT	United States of America	Application			16/532,399	2019-08-05
The Nielsen Company (US), LLC	RESOLVING MEDIA SOURCE DETECTION AND SIMULCAST MONITORING AMBIGUITIES WITH MOTION SENSOR DATA	United States of America	Granted	10,541,766	2020-01-21	15/919,164	2018-03-12
The Nielsen Company (US), LLC	RESOLVING MEDIA SOURCE DETECTION AND SIMULCAST MONITORING AMBIGUITIES	United States of America	Application			16/747,361	2020-01-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	WITH MOTION SENSOR DATA						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTEND A TIMESTAMP RANGE SUPPORTED BY A WATERMARK	United States of America	Granted	10,448,123	2019-10-15	16/025,805	2018-07-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTEND A TIMESTAMP RANGE SUPPORTED BY A WATERMARK	United States of America	Published			16/596,255	2019-10-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTEND A TIMESTAMP RANGE SUPPORTED BY A WATERMARK	Patent Cooperation Treaty	Application			PCT/US19/40172	2019-07-01
The Nielsen Company (US), LLC	METHODS, SYSTEMS, APPARATUS, AND ARTICLES OF MANUFACTURE TO GENERATE CORRECTED PROJECTION DATA FOR STORES	United States of America	Published			16/071,396	2018-06-05
The Nielsen Company (US), LLC	METHODS, SYSTEMS, APPARATUS, AND ARTICLES OF MANUFACTURE TO GENERATE CORRECTED PROJECTION DATA FOR STORES	Patent Cooperation Treaty	Published			PCT/RU2018/000368	2018-06-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT AND RECTIFY FALSE SET TOP BOX TUNING DATA	United States of America	Granted	10,542,316	2020-01-21	15/820,104	2017-11-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT AND RECTIFY FALSE SET TOP BOX TUNING DATA	United States of America	Application			16/747,374	2020-01-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFICATION OF LOCAL COMMERCIAL INSERTION OPPORTUNITIES	United States of America	Published			15/947,569	2018-04-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR IDENTIFICATION OF LOCAL COMMERCIAL INSERTION OPPORTUNITIES	Patent Cooperation Treaty	Published			PCT/US19/25595	2019-04-03
The Nielsen Company (US), LLC	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO IDENTIFY SOURCES OF NETWORK STREAMING SERVICES	Korea, Republic of (KR)	Application			10-2020-7012223	2018-10-23
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO SYNTHESIZE REFERENCE MEDIA SIGNATURES	China	Published			201810940621.6	2018-08-17
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO SYNTHESIZE	European Patent	Published			18189459.3	2018-08-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	REFERENCE MEDIA SIGNATURES						
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO SYNTHESIZE REFERENCE MEDIA SIGNATURES	Hong Kong	Published			19128579	2019-08-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SYNTHESIZE REFERENCE MEDIA SIGNATURES	United States of America	Granted	10,536,757	2020-01-14	15/894,303	2018-02-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO SYNTHESIZE REFERENCE MEDIA SIGNATURES	United States of America	Application			16/741,353	2020-01-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY SIGNALS USING A LOW POWER WATERMARK	United States of America	Published			15/927,810	2018-03-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY SIGNALS USING A LOW POWER WATERMARK	Patent Cooperation Treaty	Published			PCT/US19/23441	2019-03-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CALIBRATE RETURN PATH DATA FOR AUDIENCE MEASUREMENT	United States of America	Published			16/152,115	2018-10-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DYNAMICALLY GENERATE AUDIO	United States of America	Published			15/997,685	2018-06-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	SIGNATURES ADAPTIVE TO CIRCUMSTANCES ASSOCIATED WITH MEDIA BEING MONITORED						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DYNAMICALLY GENERATE AUDIO SIGNATURES ADAPTIVE TO CIRCUMSTANCES ASSOCIATED WITH MEDIA BEING MONITORED	Patent Cooperation Treaty	Published			PCT/US19/35212	2019-06-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTEND A TIMESTAMPE RANGE SUPPORTED BY A WATERMARK	United States of America	Granted	10,448,122	2019-10-15	16/025,800	2018-07-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTEND A TIMESTAMPE RANGE SUPPORTED BY A WATERMARK	United States of America	Published			16/596,270	2019-10-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXTEND A TIMESTAMPE RANGE SUPPORTED BY A WATERMARK	Patent Cooperation Treaty	Published			PCT/US19/40171	2019-07-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR A SPLIT SCREEN MEDIA PRESENTATION	United States of America	Published			16/033,018	2018-07-11

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE REFERENCE SIGNATURES	United States of America	Published			16/180,992	2018-11-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETECT BORING MEDIA	United States of America	Allowed			15/968,299	2018-05-01
The Nielsen Company (US), LLC	METHODS, SYSTEMS, APPARATUS AND ARTICLES OF MANUFACTURE TO DETERMINE CAUSAL EFFECTS	United States of America	Published			16/219,524	2018-12-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA BASED ON WATERMARKS ACROSS DIFFERENT AUDIO STREAMS AND/OR DIFFERENT WATERMARKING TECHNIQUES	United States of America	Allowed			15/994,383	2018-05-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA BASED ON WATERMARKS ACROSS DIFFERENT AUDIO STREAMS AND/OR DIFFERENT WATERMARKING TECHNIQUES	Patent Cooperation Treaty	Published			PCT/US19/34174	2019-05-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR WATERMARK OUTAGE DETECTION	United States of America	Published			16/051,091	2018-07-31

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO INCREASE A MATCH RATE FOR MEDIA IDENTIFICATION	United States of America	Allowed			16/006,822	2018-06-12
The Nielsen Company (US), LLC	MACHINE LEARNING TECHNIQUES THAT IDENTIFY ATTRIBUTION OF SMALL SIGNAL STIMULUS IN NOISY RESPONSE CHANNELS	United States of America	Published			16/052,447	2018-08-01
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF MANUFACTURE AND APPARATUS TO CALIBRATE PAYLOAD INFORMATION	United States of America	Published			15/966,991	2018-04-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CAMPAIGN MAPPING FOR TOTAL AUDIENCE MEASUREMENT	United States of America	Published			16/230,680	2018-12-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CAMPAIGN MAPPING FOR TOTAL AUDIENCE MEASUREMENT	Patent Cooperation Treaty	Published			PCT/US19/13303	2019-01-11
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF MANUFACTURE AND APPARATUS TO DETERMINE COMPONENT LIFTS FROM OVERLAPPING STIMULI	United States of America	Application			16/186,444	2018-11-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF MANUFACTURE AND APPARATUS TO DETERMINE COMPONENT LIFTS FROM OVERLAPPING STIMULI	Patent Cooperation Treaty	Application			PCT/US19/59839	2019-11-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR HAPTIC VIBRATIONS OF TOUCHSCREENS	United States of America	Published			16/044,253	2018-07-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR HAPTIC VIBRATIONS OF TOUCHSCREENS	Patent Cooperation Treaty	Published			PCT/US19/42174	2019-07-17
The Nielsen Company (US), LLC	HANDLING EXCEPTIONS REPORTED BY MEDIA DEVICE METERS	United States of America	Published			16/121,898	2018-09-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR STREAMING MEDIA CONTENT	United States of America	Application			16/224,533	2018-12-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR STREAMING MEDIA CONTENT	Patent Cooperation Treaty	Application			PCT/US19/66609	2019-12-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE INFORMED HOLDOUTS FOR AN ADVERTISEMENT CAMPAIGN	United States of America	Allowed			16/163,059	2018-10-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE INFORMED HOLDOUTS FOR AN ADVERTISEMENT CAMPAIGN	Patent Cooperation Treaty	Published			PCT/US19/26298	2019-04-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE AUDIO SOURCE IMPACT ON AN AUDIENCE OF MEDIA	United States of America	Granted	10,595,083	2020-03-17	16/140,238	2018-09-24
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE AUDIO SOURCE IMPACT ON AN AUDIENCE OF MEDIA	United States of America	Application			16/820,334	2020-03-16
The Nielsen Company (US), LLC	MEDIA IDENTIFICATION USING WATERMARKS AND SIGNATURES	United States of America	Granted	10,581,541	2020-03-03	16/117,900	2018-08-30
The Nielsen Company (US), LLC	MEDIA IDENTIFICATION USING WATERMARKS AND SIGNATURES	United States of America	Application			16/744,648	2020-01-16
The Nielsen Company (US), LLC	MEDIA IDENTIFICATION USING WATERMARKS AND SIGNATURES	Patent Cooperation Treaty	Published			PCT/US19/48110	2019-08-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM IMAGE ANALYSES IN A COMPUTING ENVIRONMENT	United States of America	Application			16/230,920	2018-12-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM IMAGE ANALYSES IN A COMPUTING ENVIRONMENT	United States of America	Application			16/249,448	2019-01-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM IMAGE ANALYSES IN A COMPUTING ENVIRONMENT	Patent Cooperation Treaty	Application			PCT/IB2018/001433	2018-11-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM IMAGE ANALYSES IN A COMPUTING ENVIRONMENT	Patent Cooperation Treaty	Application			PCT/IB2018/001485	2018-12-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO EXCLUDE NETWORK COMMUNICATION TRAFFIC FROM MEDIA MONITORING RECORDS	United States of America	Allowed			16/132,061	2018-09-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR A WINDOW-METRIC RULE	United States of America	Application			16/222,771	2018-12-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR A WINDOW-METRIC RULE	Patent Cooperation Treaty	Application			PCT/US19/66607	2019-12-16
The Nielsen Company (US), LLC	PROCESSOR SYSTEMS TO ESTIMATE AUDIENCE SIZES AND IMPRESSION COUNTS FOR DIFFERENT FREQUENCY INTERVALS	United States of America	Published			16/074,408	2018-04-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	PROCESSOR SYSTEMS TO ESTIMATE AUDIENCE SIZES AND IMPRESSION COUNTS FOR DIFFERENT FREQUENCY INTERVALS	United States of America	Published			16/373,257	2019-04-02
The Nielsen Company (US), LLC	PROCESSOR SYSTEMS TO ESTIMATE AUDIENCE SIZES AND IMPRESSION COUNTS FOR DIFFERENT FREQUENCY INTERVALS	Patent Cooperation Treaty	Published			PCT/CN2018/081632	2018-04-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR OPTIMIZING STATION REFERENCE FINGERPRINT LOADING USING REFERENCE WATERMARKS	United States of America	Application			16/232,509	2018-12-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR OPTIMIZING STATION REFERENCE FINGERPRINT LOADING USING REFERENCE WATERMARKS	Patent Cooperation Treaty	Application			PCT/US19/66605	2019-12-16
The Nielsen Company (US), LLC	CORRECTING SYSTEMATIC TUNING DEFECTS	United States of America	Granted	10,511,873	2019-12-17	16/118,053	2018-08-30
The Nielsen Company (US), LLC	CORRECTING SYSTEMATIC TUNING DEFECTS	United States of America	Application			16/716,003	2019-12-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	APPARATUS AND METHODS TO ASSOCIATE DIFFERENT WATERMARKS DETECTED IN MEDIA	United States of America	Application			16/231,060	2018-12-21
The Nielsen Company (US), LLC	APPARATUS AND METHODS TO ASSOCIATE DIFFERENT WATERMARKS DETECTED IN MEDIA	Patent Cooperation Treaty	Application			PCT/US19/66915	2019-12-17
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF MANUFACTURE AND APPARTUS TO MONITOR AUDITING DEVICES	United States of America	Application			16/216,693	2018-12-11
The Nielsen Company (US), LLC	APPARATUS AND METHODS FOR WATERMARKING USING STARTING PHASE MODULATION	United States of America	Allowed			16/231,108	2018-12-21
The Nielsen Company (US), LLC	APPARATUS AND METHODS FOR WATERMARKING USING STARTING PHASE MODULATION	Patent Cooperation Treaty	Application			PCT/US19/66612	2019-12-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT AUDIENCE MEASURMENT DATA ON COMPUTING DEVICES	India	Published			201914034755	2019-08-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT AUDIENCE MEASUREMENT DATA ON COMPUTING DEVICES	United States of America	Published			16/197,307	2018-11-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTMIATE MISATTRIBUTION OF MEDIA IMPRESSIONS	United States of America	Application			16/230,810	2018-12-21
The Nielsen Company (US), LLC	ELECTRODES AND ELECTRODE UNITS FOR GATHERING ELECTROENCEPHALOGRAPHIC DATA	United States of America	Published			16/154,980	2018-10-09
The Nielsen Company (US), LLC	ELECTRODES AND ELECTRODE UNITS FOR GATHERING ELECTROENCEPHALOGRAPHIC DATA	Patent Cooperation Treaty	Published			PCT/US19/42937	2019-07-23
The Nielsen Company (US), LLC	PREDICTION OF RETURN PATH DATA QUALITY FOR AUDIENCE MEASUREMENT	United States of America	Published			16/230,663	2018-12-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA PRESENTATIONS BY ANALYZING NETWORK TRAFFIC	United States of America	Application			16/209,897	2018-12-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA PRESENTATIONS	Patent Cooperation Treaty	Application			PCT/US2019/063468	2019-11-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	BY ANALYZING NETWORK TRAFFIC						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ANALYZE PERFORMANCE OF WATERMARK ENCODING DEVICES	United States of America	Application			16/231,171	2018-12-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE POPULATION REACH FROM DIFFERENT MARGINAL RATING UNIONS	United States of America	Application			16/355,393	2019-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE POPULATION REACH FROM DIFFERENT MARGINAL RATING UNIONS	Patent Cooperation Treaty	Application			PCT/US20/22436	2020-03-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR DIGITAL MEDIA	United States of America	Application			16/234,528	2018-12-27
The Nielsen Company (US), LLC	MULTIPLE SCRAMBLED LAYERS FOR AUDIO WATERMARKING	United States of America	Application			16/225,438	2018-12-19
The Nielsen Company (US), LLC	MULTIPLE SCRAMBLED LAYERS FOR AUDIO WATERMARKING	Patent Cooperation Treaty	Application			PCT/US19/65691	2019-12-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO REDUCE COMPUTER-	United States of America	Application			16/224,322	2018-12-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	GENERATED ERRORS IN COMPUTER-GENERATED AUDIENCE MEASUREMENT DATA						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO REDUCE COMPUTER-GENERATED ERRORS IN COMPUTER-GENERATED AUIDENCE MEASUREMENT DATA	Patent Cooperation Treaty	Application			PCT/CN2018/116924	2018-11-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE POPULATION REACH FROM DIFFERENT MARGINAL RATINGS AND/OR UNIONS OF MARGINAL RATINGS BASED ON IMPRESSION DATA	United States of America	Application			16/355,386	2019-03-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE POPULATION REACH FROM DIFFERENT MARGINAL RATINGS AND/OR UNIONS OF MARGINAL RATINGS BASED ON IMPRESSION DATA	Patent Cooperation Treaty	Application			PCT/US20/22438	2020-03-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MULTIMODAL AUDIENCE DETECTION AND IDENTIFICATION	United States of America	Application			16/554,376	2019-08-28
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF MANUFACTURE AND APPARATUS TO DETERMINE ADVERTISEMENT CAMPAIGN EFFECTIVENESS USING COVARIATE MATCHING	United States of America	Application			16/230,035	2018-12-21
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF MANUFACTURE AND APPARATUS TO DETERMINE ADVERTISEMENT CAMPAIGN EFFECTIVENESS USING COVARIATE MATCHING	Patent Cooperation Treaty	Application			PCT/US19/66593	2019-12-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CENSUS AND PANEL MATCHING USING HTTP HEADERS	United States of America	Application			16/368,266	2019-03-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR CENSUS AND PANEL MATCHING USING HTTP HEADERS	Patent Cooperation Treaty	Application			PCT/US20/24754	2020-03-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO OPTIMIZE	United States of America	Application			16/232,512	2018-12-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	REFERENCE SIGNATURE MATCHING USING WATERMARK MATCHING						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO OPTIMIZE REFERENCE SIGNATURE MATCHING USING WATERMARK MATCHING	Patent Cooperation Treaty	Application			PCT/US19/66611	2019-12-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DELIVERING EXTENDED PAYLOADS WITH COMPOSITE WATERMARKS	United States of America	Application			16/360,992	2019-03-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR DELIVERING EXTENDED PAYLOADS WITH COMPOSITE WATERMARKS	Patent Cooperation Treaty	Application			PCT/US20/23661	2020-03-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE A UNIQUE AUDIENCE FOR INTERNET-BASED MEDIA	United States of America	Application			16/520,100	2019-07-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR RADIO STATION MONITORING USING UNMANNED AERIAL VEHICLES	United States of America	Application			16/360,982	2019-03-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE	United States of America	Application			16/230,605	2018-12-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEDIA EXPOSURE OF A PANELIST						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE MEDIA EXPOSURE OF A PANELIST	Patent Cooperation Treaty	Application			PCT/US19/66980	2019-12-17
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF MANUFACTURE AND APPARATUS TO PRIVATIZE CONSUMER DATA	United States of America	Published			16/235,781	2018-12-28
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF MANUFACTURE AND APPARATUS TO PRIVATIZE CONSUMER DATA	Patent Cooperation Treaty	Published			PCT/US19/50201	2019-09-09
The Nielsen Company (US), LLC	NEURAL NETWORK PROCESSING OF RETURN PATH DATA TO ESTIMATE HOUSEHOLD DEMOGRAPHICS	United States of America	Published			16/230,620	2018-12-21
The Nielsen Company (US), LLC	NEURAL NETWORK PROCESSING OF SET-TOP BOX RETURN PATH DATA TO ESTIMATE HOUSEHOLD DEMOGRAPHICS	Patent Cooperation Treaty	Published			PCT/US19/55196	2019-10-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT MEDIA METRICS ON COMPUTING DEVICES	India	Application			201911005508	2019-02-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT MEDIA METRICS ON COMPUTING DEVICES	United States of America	Application			16/368,217	2019-03-28
The Nielsen Company (US), LLC	LEVITATING METERING APPARATUS	United States of America	Application			16/565,080	2019-09-09
The Nielsen Company (US), LLC	UNDER-ADDRESSABLE ADVERTISEMENT MEASUREMENT	United States of America	Application			62/953,032	2019-12-23
The Nielsen Company (US), LLC	METHODS, SYSTEMS, APPARATUS AND ARTICLES OF MANUFACTURE TO MODEL eCOMMERCE SALES	United States of America	Published			16/230,069	2018-12-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR AFFILIATE INTERRUPT DETECTION	United States of America	Application			16/588,970	2019-09-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CLASSIFY ALL OTHER TUNING DATA	United States of America	Application			16/528,156	2019-07-31
The Nielsen Company (US), LLC	END-POINT MEDIA WATERMARKING	United States of America	Application			16/405,130	2019-05-07
The Nielsen Company (US), LLC	END-POINT MEDIA WATERMARKING	Patent Cooperation Treaty	Application			PCT/US20/31424	2020-05-05
The Nielsen Company (US), LLC	REMOTE CONTROL DEVICES TO INTERFACE WITH AUDIENCE	United States of America	Application			16/706,335	2019-12-06

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEASUREMENT METERS						
The Nielsen Company (US), LLC	REMOTE CONTROL DEVICES TO INTERFACE WITH AUDIENCE MEASUREMENT METERS	Patent Cooperation Treaty	Application			PCT/US20/12571	2020-01-07
The Nielsen Company (US), LLC	MULTI-MARKET CALIBRATION OF CONVENIENCE PANEL DATA TO REDUCE BEHAVIORAL BIASES	United States of America	Application			16/721,474	2019-12-19
The Nielsen Company (US), LLC	MULTI-MARKET CALIBRATION OF CONVENIENCE PANEL DATA TO REDUCE BEHAVIORAL BIASES	Patent Cooperation Treaty	Published			PCT/US19/58829	2019-10-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PERFORM AN AUTOMATED GAIN CONTROL PROTOCOL WITH AN AMPLIFIER BASED ON HISTORICAL DATA CORRESPONDING TO CONTEXTUAL DATA	United States of America	Application			16/452,485	2019-06-25
The Nielsen Company (US), LLC	METHOD AND APPARATUS TO DETERMINE AUTOMATED GAIN CONTROL PARAMETERS FOR AN AUTOMATED GAIN CONTROL PROTOCOL	United States of America	Application			16/452,489	2019-06-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY USER PRESENCE TO A METER	United States of America	Application			16/437,993	2019-06-11
The Nielsen Company (US), LLC	METHODS, SYSTEMS, APPARATUS AND ARTICLES OF MANUFACTURE FOR RECEIPT DECODING	United States of America	Application			16/692,797	2019-11-22
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR FACILITATING NETWORK CREDENTIAL UPDATES FOR MEDIA METERS	United States of America	Application			16/442,448	2019-06-14
The Nielsen Company (US), LLC	FLEXIBLE COMMERCIAL MONITORING	United States of America	Application			16/635,107	2019-11-25
The Nielsen Company (US), LLC	FLEXIBLE COMMERCIAL MONITORING	Patent Cooperation Treaty	Application			PCT/US19/63054	2019-11-25
The Nielsen Company (US), LLC	VIEWER AUTHENTICATION	United States of America	Application			16/353,041	2019-03-14
The Nielsen Company (US), LLC	VIEWER AUTHENTICATION	Patent Cooperation Treaty	Application			PCT/US20/21972	2020-03-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE CENSUS LEVEL IMPRESSIONS AND UNIQUE AUDIENCE SIZES ACROSS DEMOGRAPHICS	United States of America	Application			62/891,826	2019-08-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE CENSUS LEVEL IMPRESSIONS AND UNIQUE AUDIENCE SIZES ACROSS DEMOGRAPHICS	United States of America	Application			16/697,876	2019-11-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR WEAR NOISE AUDIO SIGNATURE SUPPRESSION	United States of America	Application			16/558,014	2019-08-30
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF MANUFACTURE, AND APPARATUS TO MAP CLIENT SPECIFICATIONS WITH STANDARDIZED CHARACTERISTICS	United States of America	Application			16/694,623	2019-11-25
The Nielsen Company (US), LLC	Media Presentations Device with Voice Command Feature	United States of America	Application			16/388,078	2019-04-18
The Nielsen Company (US), LLC	Media Presentation Device with Voice Command Feature	Patent Cooperation Treaty	Application			PCT/US2019/064110	2019-12-03
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS TO ESTIMATE CENSUS-LEVEL AUDIENCE SIZE AND TOTAL IMPRESSION DURATION ACROSS DEMOGRAPHICS	United States of America	Application			16/698,180	2019-11-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHDOS AND APPARATUS TO DETECT A TEXT REGION OF INTEREST IN A DIGITAL IMAGE USING MACHINE-BASED ANALYSIS	Patent Cooperation Treaty	Application			PCT/IB2019/000299	2019-03-28
The Nielsen Company (US), LLC	METHODS, SYSTEMS AND APPARATUS TO ESTIMATE CENSUS-LEVEL AUDIENCE, IMPRESSIONS, AND DURATIONS ACROSS DEMOGRAPHICS	United States of America	Application			16/698,147	2019-11-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR STREAMING MEDIA	United States of America	Application			16/719,944	2019-12-18
The Nielsen Company (US), LLC	IN-HOME WIFI MEDIA STREAMING MEASUREMENT USING HONEYPOT	United States of America	Application			16/514,996	2019-07-17
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR WI-FI MEDIA STREAMING USING HONEYPOT ACCESS POINTS	Patent Cooperation Treaty	Application			PCT/US20/22829	2020-03-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE POPULATION REACH FROM MARGINALS	United States of America	Application			16/843,650	2020-04-08
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR SESSION	United States of America	Application			16/702,321	2019-12-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	BUILDING FROM PING-LEVEL DATA						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREDIT STREAMING ACTIVITY USING DOMAIN LEVEL BANDWIDTH INFORMATION	United States of America	Application			16/720,936	2019-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO CREDIT STREAMING ACTIVITY USING DOMAIN LEVEL BANDWIDTH INFORMATION	Patent Cooperation Treaty	Application			PCT/US20/22401	2020-03-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO PREDICT IN-TAB DROP USING ARTIFICIAL INTELLIGENCE	United States of America	Application			16/804,997	2020-02-28
The Nielsen Company (US), LLC	MEASUREMENT OF INTERNET MEDIA CONSUMPTION	United States of America	Application			16/864,118	2020-04-30
The Nielsen Company (US), LLC	NEURAL NETWORK PROCESSING OF RETURN PATH DATA TO ESTIMATE HOUSEHOLD MEMBER AND VISITOR DEMOGRAPHICS	United States of America	Application			62/841,641	2019-05-01
The Nielsen Company (US), LLC	NEURAL NETWORK PROCESSING OF RETURN PATH DATA TO	United States of America	Application			16/706,398	2019-12-06

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ESTIMATE HOUSEHOLD MEMBER AND VISITOR DEMOGRAPHICS						
The Nielsen Company (US), LLC	NEURAL NETWORK PROCESSING OF RETURN PATH DATA TO ESTIMATE HOUSEHOLD MEMBER AND VISITOR DEMOGRAPHICS	Patent Cooperation Treaty	Application			PCT/US20/30762	2020-04-30
The Nielsen Company (US), LLC	Dynamic Ad Insertion Based on Estimated Audience Information	United States of America	Application			62/929,044	2019-10-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE DE-DUPLICATED UNKNOWN TOTAL AUDIENCE SIZES BASED ON PARTIAL INFORMATION OF KNOWN AUDIENCES	United States of America	Application			16/676,158	2019-11-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO FACILITATE DEVICE IDENTIFICATION	United States of America	Application			16/832,962	2020-03-27
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE AUDIENCE SIZES OF MEDIA USING DEDUPLICATION BASED ON BINOMIAL SKETCH DATA	United States of America	Application			62/871,015	2019-07-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	INITIALIZATION OF CLASSIFICATIO N LAYERS IN NEURAL NETWORKS	United States of America	Applicati on			62/867,757	2019-06-27
The Nielsen Company (US), LLC	INITIALIZATION OF CLASSIFICATIO N LAYERS IN NEURAL NETWORKS	United States of America	Applicati on			16/860,947	2020-04-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE LARGE SCALE AUDIENCE DEDUPLICATION	United States of America	Applicati on			16/698,898	2019-11-27
The Nielsen Company (US), LLC	SYSTEMS, APPARATUS, AND METHODS TO MONITOR PATIENTS AND VALIDATE MENTAL ILLNESS DIAGNOSES	United States of America	Applicati on			16/713,754	2019-12-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR SUPPLEMENTIN G PARTIALLY READABLE AND/OR INACCURATE CODES IN MEDIA	United States of America	Applicati on			16/862,917	2020-04-30
The Nielsen Company (US), LLC	MEDIA DEVICE ON/OFF DETECTION USING RETURN PATH DATA	United States of America	Applicati on			62/863,131	2019-06-18
The Nielsen Company (US), LLC	MEDIA DEVICE ON/OFF DETECTION USING RETURN PATH DATA	United States of America	Applicati on			16/698,167	2019-11-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA FOR AHEAD OF TIME WATERMARK ENCODING	United States of America	Application			62/934,334	2019-11-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY MEDIA FOR AHEAD OF TIME WATERMARK ENCODING	United States of America	Application			16/862,539	2020-04-29
The Nielsen Company (US), LLC	SOURCE CLASSIFICATION USING HDMI AUDIO METADATA	United States of America	Application			62/861,194	2019-06-13
The Nielsen Company (US), LLC	SOURCE CLASSIFICATION USING HDMI AUDIO METADATA	United States of America	Application			16/863,639	2020-04-30
The Nielsen Company (US), LLC	MATRIX ENCRYPTION USING MESH FORMATION BASED MESH EDGES NAMING METHOD	India	Application			202011017496	2020-04-23
The Nielsen Company (US), LLC	IDENTIFICATION OF COMMON DEVICES REPRESENTED IN MULTIPLE DIFFERENT AUDIENCE MEASUREMENT DATA SOURCES	United States of America	Application			62/873,699	2019-07-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE AUDIENCE SIZES	United States of America	Application			62/871,017	2019-07-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	OF MEDIA USING DEDUPLICATION BASED ON A VECTOR OF COUNTS SKETCH DATA						
The Nielsen Company (US), LLC	PROBABILISTIC GRAPHICAL MODELING FOR ANONYMIZED DATA INTEGRATION AND BAYESIAN SURVEY MEASUREMENT OF SPARSE AND WEAKLY-LABELED DATASETS	United States of America	Application			62/874,346	2019-07-15
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE VIRTUAL WIFI DATA RATE	United States of America	Application			16/864,101	2020-04-30
The Nielsen Company (US), LLC	WATERMARKING WITH PHASE SHIFTING	United States of America	Application			16/713,486	2019-12-13
The Nielsen Company (US), LLC	SIGNATURE MATCHING WITH METER DATA AGGREGATION FOR MEDIA IDENTIFICATION	United States of America	Application			16/832,681	2020-03-27
The Nielsen Company (US), LLC	RETURN PATH DATA PATTERN RECOGNITION	United States of America	Application			62/893,610	2019-08-29
The Nielsen Company (US), LLC	ONBOARDING OF RETURN PATH DATA PROVIDERS FOR AUDIENCE MEASUREMENT	United States of America	Application			16/863,159	2020-04-30
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF	United States of America	Application			62/965,582	2020-01-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MANUFACTURE AND APPARATUS TO DETERMINE PRODUCT CHARACTERISTICS CORRESPONDING TO PURCHASE BEHAVIOR						
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF MANUFACTURE AND APPARATUS TO OPTIMIZE HOUSEHOLD IDENTIFICATION MAPPING	United States of America	Application			62/947,352	2019-12-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MACHINE LEARNING ENGINE OPTIMIZATION	United States of America	Application			16/860,930	2020-04-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR ON-DEMAND MEDIA	United States of America	Application			16/863,210	2020-04-30
The Nielsen Company (US), LLC	METHODS, SYSTEMS, ARTICLES OF MANUFACTURE, AND APPARATUS TO MONITOR THE AVAILABILITY OF PRODUCTS FOR PURCHASE	United States of America	Application			16/857,769	2020-04-24
The Nielsen Company (US), LLC	CONSUMER INTERNET MATURITY INDEX	India	Application			202011002400	2020-01-20
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY	United States of America	Application			62/957,314	2020-01-06

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	STREAMING SESSIONS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR NETWORK-BASED MONITORING AND SERVING OF MEDIA TO IN-VEHICLE OCCUPANTS	United States of America	Application			62/965,036	2020-01-23
The Nielsen Company (US), LLC	ADDRESSABLE MEASUREMENT FRAMEWORK	United States of America	Application			62/964,485	2020-01-22
The Nielsen Company (US), LLC	RECONCILIATION OF COMMERCIAL MEASUREMENT RATINGS	United States of America	Application			62/976,938	2020-02-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ESTIMATE CARDINALITY OF USERS REPRESENTED IN ARBITRARILY DISTRIBUTED BLOOM FILTERS	United States of America	Application			62/975,020	2020-02-11
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE WHEN A SMART DEVICE IS OUT-OF-TAB	United States of America	Application			16/862,501	2020-04-29
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERATE AUDIENCE METRICS USING THIRD-PARTY PRIVACY-PROTECTED CLOUD ENVIRONMENTS	United States of America	Application			63/024,260	2020-05-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR CONCEPT DEVELOPMENT WITH CONTENT AWARE TEXT EDITOR	United States of America	Granted	9,208,132	2015-12-08	14/208,041	2014-03-13
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR INTERACTIVE EVOLUTIONARY OPTIMIZATION OF CONCEPTS	United States of America	Granted	9,799,041	2017-10-24	14/211,788	2014-03-14
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR INTERACTIVE EVOLUTIONARY ALGORITHMS WITH RESPONDENT DIRECTED BREEDING	United States of America	Granted	9,785,995	2017-10-10	14/208,013	2014-03-13
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR INTERACTIVE EVOLUTIONARY ALGORITHMS WITH RESPONDENT DIRECTED BREEDING	United States of America	Allowed			15/728,100	2017-10-09
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR DYNAMIC, REAL-TIME MARKET SEGMENTATION	Australia	Granted	2002246919	2007-12-13	2002246919	2001-11-09
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR DYNAMIC, REAL-TIME MARKET SEGMENTATION	Japan	Granted	5639544	2014-10-31	2011-166015	2001-11-09
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR DYNAMIC, REAL-	United States of America	Granted	7,177,851	2007-02-13	10/053,353	2001-11-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	TIME MARKET SEGMENTATION						
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR EVOLUTIONARY DESIGN	United States of America	Granted	7,016,882	2006-03-21	10/831,881	2004-04-26
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR EVOLUTIONARY DESIGN	United States of America	Granted	7,610,249	2009-10-27	11/229,020	2005-09-16
The Nielsen Company (US), LLC	METHOD FOR ITERATIVE DESIGN OF PRODUCTS	United States of America	Granted	7,730,002	2010-06-01	11/726,350	2007-03-21
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR EVOLUTIONARY DESIGN	United States of America	Granted	RE46178	2016-10-11	13/283,495	2011-10-27
The Nielsen Company (US), LLC	DETERMINING DESIGN PREFERENCES OF A GROUP	India	Published			625/KOLNP/2012	2005-05-16
The Nielsen Company (US), LLC	DETERMINING DESIGN PREFERENCES OF A GROUP	United States of America	Granted	7,308,418	2007-12-11	10/852,356	2004-05-24
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR CONCEPT DEVELOPMENT	United States of America	Granted	9,262,776	2016-02-16	13/415,720	2012-03-08
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR CONCEPT DEVELOPMENT	United States of America	Granted	9,111,298	2015-08-18	13/415,732	2012-03-08
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR CONCEPT DEVELOPMENT	United States of America	Granted	9,208,515	2015-12-08	13/415,739	2012-03-08
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR CONCEPT DEVELOPMENT	United States of America	Granted	8,868,446	2014-10-21	13/415,748	2012-03-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR CONCEPT DEVELOPMENT	United States of America	Granted	9,218,614	2015-12-22	13/415,757	2012-03-08
The Nielsen Company (US), LLC	OPTIMAL SOLUTION IDENTIFICATION SYSTEM AND METHOD	United States of America	Granted	9,311,383	2016-04-12	13/740,699	2013-01-14
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR PREDICTING PERSONAL PREFERENCES	United States of America	Granted	7,877,346	2011-01-25	11/758,877	2007-06-06
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR BEHAVIOURAL AND CONTEXTUAL DATA ANALYTICS	Australia	Granted	2009345651	2016-08-25	2009345651	2009-05-08
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR BEHAVIOURAL AND CONTEXTUAL DATA ANALYTICS	China	Granted	200980160175.6	2018-01-19	200980160175.6	2009-05-08
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR BEHAVIOURAL AND CONTEXTUAL DATA ANALYTICS	Singapore	Granted	175917	2014-12-31	201108171-8	2009-05-08
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR BEHAVIOURAL AND CONTEXTUAL DATA ANALYTICS	United States of America	Granted	9,075,883	2015-07-07	13/002,205	2009-05-08
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR BEHAVIOURAL AND CONTEXTUAL DATA ANALYTICS	United States of America	Published			16/352,144	2019-03-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	NETWORK SERVER ARRANGEMENT FOR PROCESSING NON-PARAMETRIC, MULTI-DIMENSIONAL, SPATIAL AND TEMPORAL HUMAN BEHAVIOR OR TECHNICAL OBSERVATIONS MEASURED PERVASIVELY, AND RELATED METHOD FOR THE SAME	Australia	Granted	2010355789	2016-08-25	2010355789	2010-06-24
The Nielsen Company (US), LLC	NETWORK SERVER ARRANGEMENT FOR PROCESSING NON-PARAMETRIC, MULTI-DIMENSIONAL, SPATIAL AND TEMPORAL HUMAN BEHAVIOR OR TECHNICAL OBSERVATIONS MEASURED PERVASIVELY, AND RELATED METHODFOR THE SAME	Canada	Granted	2,803,661	2018-11-27	2,803,661	2010-06-24
The Nielsen Company (US), LLC	NETWORK SERVER ARRANGEMENT FOR PROCESSING NON-PARAMETRIC, MULTI-	Canada	Application			3,020,551	2010-06-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DIMENSIONAL, SPATIAL AND TEMPORAL HUMAN BEHAVIOR OR TECHNICAL OBSERVATIONS MEASURED PERVASIVELY, AND RELATED METHODFOR THE SAME						
The Nielsen Company (US), LLC	TEMPORAL HUMAN BEHAVIOR DATA HAS EXPORT ENTITY WHICH PROVIDES BEHAVIOURAL AND/OR TECHNICAL INDICATORS...	China	Granted	201080068453.8	2016-08-03	201080068453.8	2010-06-24
The Nielsen Company (US), LLC	NETWORK SERVER ARRANGEMENT FOR PROCESSING NON-PARAMETRIC, MULTI-DIMENSIONAL, SPATIAL AND TEMPORAL HUMAN BEHAVIOR OR TECHNICAL OBSERVATIONS MEASURED PERVASIVELY, AND RELATED METHOD FOR THE SAME	Hong Kong	Granted	1186544	2017-10-20	13113814.3	2013-12-12
The Nielsen Company (US), LLC	NETWORK SERVER ARRANGEMENT FOR PROCESSING	Japan	Granted	5896382	2016-03-11	2013-515934	2010-06-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	NON-PARAMETRIC, MULTI-DIMENSIONAL, SPATIAL AND TEMPORAL HUMAN BEHAVIOR OR TECHNICAL OBSERVATIONS MEASURED PERVASIVELY, AND RELATED METHOD FOR THE SAME						
The Nielsen Company (US), LLC	NETWORK SERVER ARRANGEMENT FOR PROCESSING TEMPORAL HUMAN BEHAVIOR DATA HAS EXPORT ENTITY WHICH PROVIDES BEHAVIOURAL AND/OR TECHNICAL INDICATORS...	Korea, Republic of (KR)	Granted	10-1650993	2016-08-18	10-2013-7001922	2010-06-24
The Nielsen Company (US), LLC	NETWORK SERVER ARRANGEMENT FOR PROCESSING NON-PARAMETRIC, MULTI-DIMENSIONAL, SPATIAL AND TEMPORAL HUMAN BEHAVIOR OR TECHNICAL OBSERVATIONS MEASURED PERVASIVELY,	United States of America	Granted	9,148,458	2015-09-29	13/806,820	2010-06-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AND RELATED METHOD FOR THE SAME						
The Nielsen Company (US), LLC	NETWORK SERVER ARRANGEMENTS FOR PROCESSING NON-PARAMETRIC, MULTI-DIMENSIONAL, SPATIAL AND TEMPORAL HUMAN BEHAVIOR OR TECHNICAL OBSERVATIONS MEASURED PERVASIVELY, AND RELATED METHODS FOR THE SAME	United States of America	Granted	9,449,279	2016-09-20	14/852,255	2015-09-11
The Nielsen Company (US), LLC	APPARATUS, SYSTEM AND METHODS FOR PORTABLE DEVICE TRACKING USING TEMPORARY PRIVILEGED ACCESS	United States of America	Granted	9,473,555	2016-10-18	13/731,607	2012-12-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR MONITORING A PORTABLE DEVICE	United States of America	Granted	10,033,793	2018-07-24	15/282,623	2016-09-30
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR AUTOMATIC SUB-PANEL CREATION AND MANAGEMENT	United States of America	Granted	9,331,892	2016-05-03	13/837,658	2013-03-15
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Switzerland	Granted	693 695	2003-12-15	97157	2000-05-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Austria	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Australia	Granted	2004242522	2006-09-07	2004242522	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Australia	Granted	2006203639	2009-01-08	2006203639	2006-08-23
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Belgium	Granted	1228504	2010-11-17	00932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Canada	Granted	2,371,414	2011-01-11	2,371,414	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Switzerland	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	China	Granted	810732.7	2006-10-25	810732.7	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Cyprus (Republic of)	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Czechia	Granted	304746	2014-08-14	PV2001-4166	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Germany (Federal Republic of)	Granted	10084633	2014-08-28	100 84 633.5	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Germany (Federal Republic of)	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Denmark	Granted	DK176885	2010-02-22	2001 01747	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Denmark	Granted	1228504	2010-11-17	932696.8	2000-05-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Spain	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Finland	Granted	FI120329	2009-09-15	20012297	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Finland	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	France	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	United Kingdom	Granted	2,369,977	2004-01-07	128172.4	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	United Kingdom	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Greece	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Hong Kong	Granted	1050068	2007-06-08	3102049.4	2003-03-20
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Ireland (Republic of)	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Israel	Granted	146,134	2006-09-05	146,134	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Italy	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Japan	Granted	4136314	2008-06-13	2000-620622	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Japan	Granted	4864037	2011-11-18	2008-087232	2000-05-22
The Nielsen Company (US), LLC	ENCODING AND DECODING OF INFORMATION IN AUDIO SIGNALS	Korea, Republic of (KR)	Granted	490289	2005-03-28	10-2001-7015155	2000-05-22

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The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Mexico	Granted	236927	2006-05-16	PA/a/2001/011840	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Malaysia	Granted	124752-A	2006-07-31	PI20002286	2000-05-24
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Netherlands	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Norway	Granted	318581	2005-04-11	318581	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Poland	Granted	198972	2008-01-29	P-352804	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Portugal	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Sweden	Granted	524625	2004-07-27	0103910-6	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Sweden	Granted	1228504	2010-11-17	932696.8	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Singapore	Granted	84869	2006-03-31	200107014-3	2000-05-22
The Nielsen Company (US), LLC	DECODING OF INFORMATION IN AUDIO SIGNALS	Taiwan	Granted	154893	2002-08-23	89110028	2000-05-24
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	Austria	Granted	1488557	2013-05-08	3713925	2003-03-05
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	Belgium	Granted	1488557	2013-05-08	3713925	2003-03-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLEMEDIA MONITOR	Canada	Granted	2,481,570	2009-12-22	2,481,570	2003-03-05
The Nielsen Company (US), LLC	Determining location of an audience member having a portable media monitor	China	Granted	ZL038098 95.4	2009-03-25	3809895.4	2003-03-05
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	Germany (Federal Republic of)	Granted	1488557	2013-05-08	3713925	2003-03-05
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	Denmark	Granted	1488557	2013-05-08	3713925	2003-03-05
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	Spain	Granted	1488557	2013-05-08	3713925	2003-03-05
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	Finland	Granted	1488557	2013-05-08	3713925	2003-03-05
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	France	Granted	1488557	2013-05-08	3713925	2003-03-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	United Kingdom	Granted	2 402 528	2005-06-15	422187.5	2003-03-05
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	United Kingdom	Granted	1488557	2013-05-08	3713925	2003-03-05
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	Japan	Granted	3891987	2006-12-15	2003-575539	2003-03-05
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	Panama	Granted	85688-01	2005-06-08	PI/PA03/85688	2003-03-07
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	Sweden	Granted	1488557	2013-05-08	3713925	2003-03-05
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	Thailand	Granted	32291	2012-03-21	301000742	2003-03-04
The Nielsen Company (US), LLC	DETERMINING LOCATION OF AN AUDIENCE MEMBER HAVING A PORTABLE MEDIA MONITOR	United States of America	Granted	7,471,987	2008-12-30	10/093,676	2002-03-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	MEDIA DATA USE MEASUREMENT WITH REMOTE DECODING/PATTERN MATCHING	Australia	Granted	2002312579	2007-03-29	2002312579	2002-06-25
The Nielsen Company (US), LLC	MEDIA DATA USE MEASUREMENT WITH REMOTE DECODING/PATTERN MATCHING	China	Granted	100375523	2008-03-12	2815993.4	2002-06-25
The Nielsen Company (US), LLC	MEDIA DATA USE MEASUREMENT WITH REMOTE DECODING/PATTERN MATCHING	United Kingdom	Granted	2396467	2006-01-25	329324	2002-06-25
The Nielsen Company (US), LLC	MEDIA DATA USE MEASUREMENT WITH REMOTE DECODING/PATTERN MATCHING	Hong Kong	Granted	1071003	2009-02-06	5103558.3	2002-06-25
The Nielsen Company (US), LLC	MEDIA DATA USE MEASUREMENT WITH REMOTE DECODING/PATTERN MATCHING	Israel	Granted	159372	2009-07-20	159,372	2002-06-25
The Nielsen Company (US), LLC	MEDIA DATA USE MEASUREMENT WITH REMOTE DECODING/PATTERN MATCHING	Japan	Granted	4392495	2009-10-23	2003-509778	2002-06-25
The Nielsen Company (US), LLC	MEDIA DATA USE MEASUREMENT WITH REMOTE DECODING/PATTERN MATCHING	Mexico	Granted	263186	2008-12-16	PA/a/2003/011967	2002-06-25
The Nielsen Company (US), LLC	MEDIA DATA USE MEASUREMENT WITH REMOTE DECODING/PATTERN MATCHING	Singapore	Granted	101734	2006-05-31	200307682-5	2002-06-25
The Nielsen Company (US), LLC	MEDIA DATA USE MEASUREMENT WITH REMOTE	United States of America	Granted	8,572,640	2013-10-29	09/896,246	2001-06-29

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DECODING/PATTERN MATCHING						
The Nielsen Company (US), LLC	MONITORING USAGE OF MEDIA DATA WITH NON-PROGRAM DATA ELMINATION	Israel	Granted	159375	2008-12-29	159375	2002-09-19
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Argentina	Granted	AR040625B1	2007-09-28	20103382	2002-09-06
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Austria	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Australia	Granted	2002331750	2006-09-28	2002331750	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Belgium	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Canada	Granted	2451717	2010-06-22	2,451,717	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Switzerland	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	China	Granted	1723653	2010-04-28	2813395.1	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Germany (Federal Republic of)	Granted	10297035	2007-09-13	10297035.1-09	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Germany (Federal	Granted	1423936	2012-03-21	2768733.4	2002-08-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
		Republic of)					
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Denmark	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Spain	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Finland	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	France	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	United Kingdom	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Greece	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Hong Kong	Granted	1087550	2010-04-28	6107576	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Ireland (Republic of)	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Israel	Granted	159373	2009-09-01	159373	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Italy	Granted	1423936	2012-03-21	2768733.4	2002-08-28

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The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Japan	Granted	4113120	2008-04-18	2003-527938	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Luxembourg	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Mexico	Granted	240389	2006-09-20	PA/a/2003/011970	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Netherlands	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Norway	Granted	334152	2013-12-23	20035833	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Portugal	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Sweden	Granted	1423936	2012-03-21	2768733.4	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Singapore	Granted	102729	2006-06-30	200307921-7	2002-08-28
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	United States of America	Granted	6,862,355	2005-03-01	09/948,283	2001-09-07
The Nielsen Company (US), LLC	MESSAGE RECONSTRUCTION FROM PARTIAL DETECTION	Venezuela	Published			01702-02	2002-09-05
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR GATHERING AUDIENCE	United States of America	Granted	7,239,981	2007-07-03	10/205,808	2002-07-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEASUREMENT DATA						
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR GATHERING AUDIENCE MEASURMENT DATA	United States of America	Granted	7,640,141	2009-12-29	11/767,254	2007-06-22
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR GATHERING AUDIENCE MEASURMENT DATA	United States of America	Granted	9,100,132	2015-08-04	12/611,220	2009-11-03
The Nielsen Company (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	Australia	Granted	2003261180	2009-03-26	2003261180	2003-07-18
The Nielsen Company (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	United States of America	Published			16/428,604	2019-05-31
The Nielsen Company (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	Canada	Granted	2,493,190	2012-03-13	2,493,190	2003-07-18
The Nielsen Company (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	Japan	Granted	5010100	2012-06-08	2004-524635	2003-07-18
The Nielsen Company (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	Japan	Granted	4988667	2012-05-11	2008-204906	2003-07-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	Mexico	Granted	272632	2009-12-10	PA/a/2005/000958	2003-07-18
The Nielsen Company (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	United States of America	Granted	7,627,872	2009-12-01	10/205,810	2002-07-26
The Nielsen Company (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	United States of America	Granted	8,516,500	2013-08-20	12/582,054	2009-10-20
The Nielsen Company (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	United States of America	Granted	9,426,240	2016-08-23	13/968,661	2013-08-16
The Nielsen Company (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	United States of America	Granted	10,103,951	2018-10-16	15/216,680	2016-07-21
The Nielsen Company (US), LLC	MEDIA DATA USAGE MEASUREMENT AND REPORTING SYSTEMS AND METHODS	United States of America	Published			16/129,763	2018-09-12
The Nielsen Company (US), LLC	AUDIO DATA RECEIPT/EXPOSURE MEASUREMENT WITH CODE MONITORING AND SIGNATURE EXTRACTION	United States of America	Granted	7,222,071	2007-05-22	10/256,834	2002-09-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	AUDIO DATA RECEIPT/EXPOSURE MEASUREMENT WITH CODE MONITORING AND SIGNATURE EXTRACTION	United States of America	Published			15/004,344	2016-01-22
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Austria	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Australia	Granted	2003294407	2008-12-11	2003294407	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Belgium	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Canada	Granted	2,506,933	2010-03-16	2,506,933	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Switzerland	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	China	Granted	ZL200380108957	2011-05-04	200380108957.8	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Germany (Federal Republic of)	Granted	10393776.5	2019-09-09	103 93 776.5	2003-11-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Germany (Federal Republic of)	Granted	1576582	2013-06-12	603 44 285.4	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Denmark	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Spain	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Finland	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	France	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	United Kingdom	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	United Kingdom	Granted	2 410 875	2007-05-30	510383.3	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Greece	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN	Hong Kong	Granted	6109108.4 00000000 4	2011-11-03	6109108	2006-08-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AUDIO DATA AND DETECTING SAME						
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Ireland (Republic of)	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Italy	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Japan	Granted	4431047	2009-12-25	2004-555517	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Mexico	Granted	252175	2007-12-05	PA/a/2005/005327	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Netherlands	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	Encoding multiple messages in audio data and detecting same	Norway	Granted	333794	2013-09-16	20053044	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Portugal	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Sweden	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN	Singapore	Granted	113122	2007-05-30	200503242-0	2003-11-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AUDIO DATA AND DETECTING SAME						
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	Turkey	Granted	1576582	2013-06-12	3789890.5	2003-11-19
The Nielsen Company (US), LLC	Encoding multiple messages in audio data and detecting same	Taiwan	Granted	I242934	2005-11-01	92132752	2003-11-21
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	United States of America	Granted	6,845,360	2005-01-18	10/302,309	2002-11-22
The Nielsen Company (US), LLC	ENCODING MULTIPLE MESSAGES IN AUDIO DATA AND DETECTING SAME	South Africa	Granted	2005/03987	2006-08-30	2005/03987	2003-11-19
The Nielsen Company (US), LLC	ENSURING EAS PERFORMANCE IN AUDIO SIGNAL ENCODING	United States of America	Granted	7,174,151	2007-02-06	10/328,199	2002-12-23
The Nielsen Company (US), LLC	ENSURING EAS PERFORMANCE IN AUDIO SIGNAL ENCODING	United States of America	Granted	7,509,115	2009-03-24	11/638,262	2006-12-13
The Nielsen Company (US), LLC	ENSURING EAS PERFORMANCE IN AUDIO SIGNAL ENCODING	United States of America	Granted	8,000,677	2011-08-16	12/338,672	2008-12-18
The Nielsen Company (US), LLC	UNIVERSAL DISPLAY MEDIA EXPOSURE MEASUREMENT	United States of America	Granted	6,958,710	2005-10-25	10/329,132	2002-12-24
The Nielsen Company (US), LLC	AD DETECTION USING ID CODE AND EXTRACTED SIGNATURE	United States of America	Granted	7,483,835	2009-01-27	10/328,201	2002-12-23
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR GATHERING	Australia	Granted	2005228413	2008-11-27	2005228413	2005-03-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	DATA CONCERNING USAGE OF MEDIA DATA						
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR GATHERING DATA CONCERNING USAGE OF MEDIA DATA	United Kingdom	Granted	2427491	2008-09-09	618536	2005-03-28
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR GATHERING DATA CONCERNING USAGE OF MEDIA DATA	United States of America	Granted	7,483,975	2009-01-27	10/811,174	2004-03-26
The Nielsen Company (US), LLC	UNIVERSAL DISPLAY EXPOSURE MONITOR USING PERSONAL LOCATOR SERVICE	Canada	Granted	2,568,033	2011-10-04	2,568,033	2004-07-28
The Nielsen Company (US), LLC	UNIVERSAL DISPLAY EXPOSURE MONITOR USING PERSONAL LOCATOR SERVICE	United Kingdom	Granted	2420897	2007-05-30	604915.9	2004-07-28
The Nielsen Company (US), LLC	UNIVERSAL DISPLAY EXPOSURE MONITOR USING PERSONAL LOCATOR SERVICE	United Kingdom	Granted	2433816	2008-04-02	702880.6	2004-07-28
The Nielsen Company (US), LLC	UNIVERSAL DISPLAY EXPOSURE MONITOR USING PERSONAL	United States of America	Granted	7,592,908	2009-09-22	10/640,104	2003-08-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	LOCATOR SERVICE						
The Nielsen Company (US), LLC	UNIVERSAL DISPLAY EXPOSURE MONITOR USING PERSONAL LOCATOR SERVICE	United States of America	Granted	8,098,152	2012-01-17	12/563,582	2009-09-21
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA WITHIN COMMERCIAL ESTABLISHMENTS	Australia	Granted	2005223000	2009-01-08	2005223000	2005-03-15
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA WITHIN COMMERCIAL ESTABLISHMENTS	Canada	Granted	2,529,772	2010-04-06	2,529,772	2005-03-15
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA WITHIN COMMERCIAL ESTABLISHMENTS	China	Granted	1965335	2010-04-14	200580000477	2005-03-15
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA WITHIN COMMERCIAL ESTABLISHMENTS	Germany (Federal Republic of)	Granted	112005000024	2012-10-31	11 2005 000 024.9	2005-03-15
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR GATHERING	United Kingdom	Granted	GB2427288	2008-10-29	GB0526513.7	2005-03-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MARKET RESEARCH DATA WITHIN COMMERCIAL ESTABLISHMENTS						
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA WITHIN COMMERCIAL ESTABLISHMENTS	Hong Kong	Granted	1106603	2011-12-16	7111914	2007-11-02
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA WITHIN COMMERCIAL ESTABLISHMENTS	India	Granted	246827	2011-03-16	4991/DELNP/2006	2005-03-15
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA WITHIN COMMERCIAL ESTABLISHMENTS	United States of America	Granted	7,463,143	2008-12-09	10/800,447	2004-03-15
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	Australia	Granted	2005226671	2008-08-07	2005226671	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	Australia	Granted	2008203176	2010-08-26	2008203176	2008-07-17
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	Australia	Granted	2008203215	2010-08-26	2008203215	2008-07-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	Australia	Granted	2008203177	2010-08-26	2008203177	2008-07-17
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	Switzerland	Granted	1776688	2013-05-08	5725936	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	China	Granted	200580015271.3	2014-03-19	200580015271.3	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	Germany (Federal Republic of)	Granted	112005000620	2014-11-20	11 2005 000 620.4	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE AND EXPOSURE TO PRODUCTS AND/OR PRESENCE IN COMMERCIAL ESTABLISHMENT	Germany (Federal Republic of)	Granted	11 2005 000 28	2013-06-13	11 2005 000 28.1	2005-04-15
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	Denmark	Granted	1776688	2013-05-08	5725936	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE AND EXPOSURE TO PRODUCTS AND/OR	European Patent	Published			5734009.3	2005-04-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	PRESENCE IN COMMERCIAL ESTABLISHMENT						
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	Finland	Granted	1776688	2013-05-08	5725936	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	France	Granted	1776688	2013-05-08	5725936	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	United Kingdom	Granted	2,426,850	2007-12-05	618538	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE AND EXPOSURE TO PRODUCTS AND/OR PRESENCE IN COMMERCIAL ESTABLISHMENT	United Kingdom	Granted	2423398	2008-02-20	526511.1	2005-04-15
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	United Kingdom	Granted	2443524	2008-10-01	720899.4	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	Ireland (Republic of)	Granted	1776688	2013-05-08	5725936	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	Japan	Granted	4621244	2010-11-05	2007-504166	2005-03-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	Netherlands	Granted	1776688	2013-05-08	5725936	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	Sweden	Granted	1776688	2013-05-08	5725936	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	United States of America	Granted	7,962,315	2011-06-14	11/084,481	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE AND EXPOSURE TO PRODUCTS AND/OR PRESENCE IN COMMERCIAL ESTABLISHMENT	United States of America	Granted	8,135,606	2012-03-13	11/105,106	2005-04-13
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR MAPPING LOCATIONS OF WIRELESS TRANSMITTERS FOR USE IN GATHERING MARKET RESEARCH DATA	United States of America	Granted	8,229,469	2012-07-24	10/800,884	2004-03-15
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR MAPPING LOCATIONS OF WIRELESS TRANSMITTERS FOR USE IN GATHERING	United States of America	Granted	9,092,804	2015-07-28	14/175,918	2014-02-07

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MARKET RESEARCH DATA						
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA	Australia	Granted	2005222998	2008-10-09	2005222998	2005-03-15
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA	Canada	Granted	2,530,420	2013-12-03	2,530,420	2005-03-15
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA INSIDE AND OUTSIDE COMMERCIAL ESTABLISHMENTS	Canada	Granted	2,602,975	2011-10-18	2,602,975	2006-03-28
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA INSIDE AND OUTSIDE COMMERCIAL ESTABLISHMENTS	United Kingdom	Granted	2439033	2009-03-11	719921.9	2006-03-28
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR GATHERING MARKET RESEARCH DATA INSIDE AND OUTSIDE COMMERCIAL ESTABLISHMENTS	United States of America	Granted	7,420,464	2008-09-02	11/092,497	2005-03-29
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	United States of America	Granted	7,650,793	2010-01-26	11/083,640	2005-03-18

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Gathering data concerning publication usage	United States of America	Granted	9,132,689	2015-09-15	11/083,627	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	United States of America	Granted	7,408,460	2008-08-05	11/084,646	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	United States of America	Granted	7,272,982	2007-09-25	11/084,663	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	United States of America	Granted	8,444,180	2013-05-21	11/859,395	2007-09-21
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	United States of America	Granted	7,463,144	2008-12-09	11/084,642	2005-03-18
The Nielsen Company (US), LLC	GATHERING DATA CONCERNING PUBLICATION USAGE	United States of America	Granted	7,443,292	2008-10-28	11/084,604	2005-03-18
The Nielsen Company (US), LLC	Gathering data concerning publication usage	United States of America	Granted	8,849,182	2014-09-30	11/084,641	2005-03-18
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR CONDUCTING RESEARCH OPERATIONS	Australia	Granted	2006327157	2013-06-25	2006327157	2006-12-20
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR CONDUCTING RESEARCH OPERATIONS	Korea, Republic of (KR)	Granted	1488317	2015-01-26	10-2008-7017884	2006-12-20
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR CONDUCTING	Korea, Republi	Granted	1395648	2014-05-09	10-2013-7010019	2006-12-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	RESEARCH OPERATIONS	c of (KR)					
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR CONDUCTING RESEARCH OPERATIONS	Korea, Republic of (KR)	Granted	1487798	2015-01-23	10-2014-7023771	2014-08-25
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR CONDUCTING RESEARCH OPERATIONS	Singapore	Granted	167885	2013-08-30	201009399-5	2006-12-20
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING	Australia	Granted	2008209451	2014-10-02	2008209451	2008-01-25
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING	Australia	Granted	2014227513	2016-12-08	2014227513	2014-09-19
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING	Canada	Granted	2,676,516	2020-02-04	2,676,516	2008-01-25
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING	Canada	Application			3,063,376	2008-01-25
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING	China	Granted	101627422B	2013-01-02	200880007456.3	2008-01-25
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING	European Patent	Allowed			8724832.4	2008-01-25
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING	France	Published			8724832.4000000004	2008-01-25
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING	United Kingdom	Published			8724832.4000000004	2008-01-25
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING	Hong Kong	Granted	1140573	2013-10-04	10106785.4	2010-07-13
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING	United States of America	Granted	9,824,693	2017-11-21	14/236,848	2008-01-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING	United States of America	Granted	10,418,039	2019-09-17	15/799,620	2017-10-31
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING	United States of America	Published			16/572,143	2019-09-16
The Nielsen Company (US), LLC	GATHERING RESEARCH DATA	United States of America	Granted	7,908,133	2011-03-15	11/805,075	2007-05-21
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR GATHERING RESEARCH DATA	United States of America	Granted	8,731,906	2014-05-20	13/046,360	2011-03-11
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR GATHERING RESEARCH DATA	United States of America	Granted	9,378,728	2016-06-28	14/262,315	2014-04-25
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING WITH A PORTABLE MONITOR AND A STATIONARY DEVICE	Australia	Granted	2007316392	2014-09-11	2007316392	2007-11-07
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING WITH A PORTABLE MONITOR AND A STATIONARY DEVICE	China	Granted	200780047653.3	2016-03-30	200780047653.3	2007-11-07
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING WITH A PORTABLE MONITOR AND A STATIONARY DEVICE	Israel	Granted	198585	2015-10-31	198,525	2007-11-07
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING WITH A PORTABLE MONITOR AND A STATIONARY DEVICE	Mexico	Granted	316653	2013-12-19	MX/a/2009/004889	2007-11-07
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING WITH A PORTABLE	United States of America	Granted	8,738,763	2014-05-27	11/935,788	2007-11-06

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MONITOR AND A STATIONARY DEVICE						
The Nielsen Company (US), LLC	RESEARCH DATA GATHERING WITH A PORTABLE MONITOR AND A STATIONARY DEVICE	United States of America	Granted	9,317,865	2016-04-19	14/253,646	2014-04-15
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR TESTING ABILITY TO CONDUCT A RESEARCH OPERATION	United States of America	Granted	8,185,351	2012-05-22	11/643,161	2006-12-20
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR TESTING ABILITY TO CONDUCT A RESEARCH OPERATION	United States of America	Granted	8,949,074	2015-02-03	13/476,180	2012-05-21
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR INITIATING A RESEARCH PANEL OF PERSONS OPERATING UNDER A GROUP AGREEMENT	United States of America	Granted	8,527,320	2013-09-03	11/643,160	2006-12-20
The Nielsen Company (US), LLC	NETWORK-BASED METHODS AND SYSTEMS FOR INITIATING A RESEARCH PANEL OF PERSONS OPERATING UNDER A GROUP AGREEMENT	United States of America	Granted	8,799,054	2014-08-05	14/015,328	2013-08-30
The Nielsen Company (US), LLC	RADIO FREQUENCY PROXIMITY DETECTION AND IDENTIFICATION	United States of America	Granted	7,460,827	2008-12-02	10/620,244	2003-07-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	SYSTEM AND METHOD						
The Nielsen Company (US), LLC	GATHERING RESEARCH DATA	Australia	Granted	2008308442	2015-05-07	2008308442	2008-10-06
The Nielsen Company (US), LLC	GATHERING RESEARCH DATA	Australia	Granted	2015202027	2016-11-24	2015202027	2008-10-06
The Nielsen Company (US), LLC	GATHERING RESEARCH DATA	Australia	Granted	2016253626	2019-04-04	2016253626	2008-10-06
The Nielsen Company (US), LLC	GATHERING RESEARCH DATA	Australia	Application			2019201945	2015-04-21
The Nielsen Company (US), LLC	GATHERING RESEARCH DATA	Canada	Granted	2,701,717	2016-11-29	2,701,717	2008-10-06
The Nielsen Company (US), LLC	GATHERING RESEARCH DATA	Hong Kong	Published			11100229	2011-01-11
The Nielsen Company (US), LLC	GATHERING RESEARCH DATA	United States of America	Granted	9,124,378	2015-09-01	12/246,225	2008-10-06
The Nielsen Company (US), LLC	GATHERING RESEARCH DATA	United States of America	Granted	10,200,769	2019-02-05	14/804,901	2015-07-21
The Nielsen Company (US), LLC	GATHERING RESEARCH DATA	United States of America	Published			16/267,355	2019-02-04
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR COMPLIANCE CONFIRMATION AND INCENTIVES	China	Granted	200780033681.X	2013-12-11	200780033681.X	2007-07-12
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR COMPLIANCE CONFIRMATION AND INCENTIVES	Hong Kong	Granted	HK1155234	2014-08-01	10101314.5	2010-02-05
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR COMPLIANCE CONFIRMATION AND INCENTIVES	Japan	Granted	5319527	2013-07-19	2009-519698	2007-07-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR COMPLIANCE CONFIRMATION AND INCENTIVES	Mexico	Granted	329250	2015-04-09	MX/a/2009/000469	2007-07-12
The Nielsen Company (US), LLC	MONITORING USAGE OF A PORTABLE USER APPLIANCE	Japan	Granted	5519278	2014-04-11	2009-519700	2007-07-12
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR COMPLIANCE CONFIRMATION AND INCENTIVES	United States of America	Granted	9,489,640	2016-11-08	11/777,051	2007-07-12
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR COMPLIANCE CONFIRMATION AND INCENTIVES	United States of America	Granted	10,387,618	2019-08-20	15/331,510	2016-10-21
The Nielsen Company (US), LLC	METHODS AND SYSTEMS FOR COMPLIANCE CONFIRMATION AND INCENTIVES	United States of America	Published			16/544,879	2019-08-19
The Nielsen Company (US), LLC	DATA CAPTURE BRIDGE	Australia	Granted	2008347051	2013-01-17	2008347051	2008-12-31
The Nielsen Company (US), LLC	DATA CAPTURE BRIDGE	Canada	Granted	2,710,836	2017-05-23	2,710,836	2008-12-31
The Nielsen Company (US), LLC	DATA CAPTURE BRIDGE	Germany (Federal Republic of)	Granted	602008062356.4	2020-03-18	8870324.4	2008-12-31
The Nielsen Company (US), LLC	DATA CAPTURE BRIDGE	European Patent	Granted	2227865	2020-03-18	8870324.4	2008-12-31
The Nielsen Company (US), LLC	DATA CAPTURE BRIDGE	European Patent	Application			20163604	2008-12-31
The Nielsen Company (US), LLC	DATA CAPTURE BRIDGE	France	Granted	2227865	2020-03-18	8870324.4	2008-12-31

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	DATA CAPTURE BRIDGE	United Kingdom	Granted	2227865	2020-03-18	8870324.4	2008-12-31
The Nielsen Company (US), LLC	DATA CAPTURE BRIDGE	Netherlands	Granted	2227865	2020-03-18	8870324.4	2008-12-31
The Nielsen Company (US), LLC	Data capture bridge	United States of America	Granted	8,930,003	2015-01-06	12/006,452	2007-12-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR A MEDIA PRESENTATIO	United States of America	Granted	9,614,881	2017-04-04	14/577,888	2014-12-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR A MEDIA PRESENTATIO	United States of America	Granted	10,148,317	2018-12-04	15/477,711	2017-04-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR A MEDIA PRESENTATIO	United States of America	Allowed			16/208,497	2018-12-03
The Nielsen Company (US), LLC	MOTION DETECTOR MODULE	Australia	Granted	2008343712	2015-06-25	2008343712	2008-12-31
The Nielsen Company (US), LLC	MOTION DETECTOR MODULE	Canada	Granted	2,710,805	2016-11-22	2,710,805	2008-12-31
The Nielsen Company (US), LLC	MOTION DETECTOR MODULE	Germany (Federal Republi	Granted	602008040239.8	2015-09-16	8866166.5	2008-12-31
The Nielsen Company (US), LLC	MOTION DETECTOR MODULE	United States of America	Granted	9,020,780	2015-04-28	12/006,442	2007-12-31
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR UTILIZING SUPPLEMENTAL AUDIO BEACONING IN	Australia	Granted	2010236208	2015-09-24	2010236208	2010-04-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AUDIENCE MEASUREMENT						
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR DETERMINING BROADCAST DIMENSIONALITY	Australia	Granted	2010236204	2015-05-07	2010236204	2010-04-16
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR DETERMINING BROADCAST DIMENSIONALITY	United States of America	Granted	8,826,317	2014-09-02	12/425,504	2009-04-17
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR DETERMINING BROADCAST DIMENSIONALITY	United States of America	Granted	9,197,931	2015-11-24	14/445,747	2014-07-29
The Nielsen Company (US), LLC	DISTRIBUTED AUDIENCE MEASUREMENT SYSTEMS AND METHODS	Mexico	Granted	323100	2014-08-26	MX/a/2012/000237	2010-12-21
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR PAYLOAD ENCODING AND DECODING	Australia	Granted	2010222898	2015-12-03	2010222898	2010-03-09
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR PAYLOAD ENCODING AND DECODING	Canada	Granted	2,754,760	2019-09-10	2,754,760	2010-03-09
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR PAYLOAD ENCODING AND DECODING	Canada	Application			3,049,534	2010-03-09
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR PAYLOAD ENCODING AND DECODING	Germany (Federal Republic of)	Granted	2406906	2019-07-31	10751256.8	2010-03-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR PAYLOAD ENCODING AND DECODING	European Patent	Published			19182174.3	2010-03-09
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR PAYLOAD ENCODING AND DECODING	France	Granted	2406906	2019-07-31	10751256.8	2010-03-09
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR PAYLOAD ENCODING AND DECODING	United Kingdom	Granted	2406906	2019-07-31	10751256.8	2010-03-09
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR PAYLOAD ENCODING AND DECODING	Netherlands	Granted	2406906	2019-07-31	10751256.8	2010-03-09
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR PAYLOAD ENCODING AND DECODING	United States of America	Granted	9,160,988	2015-10-13	12/400,481	2009-03-09
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR PAYLOAD ENCODING AND DECODING	United States of America	Granted	9,665,698	2017-05-30	14/880,769	2015-10-12
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR PAYLOAD ENCODING AND DECODING	United States of America	Granted	10,095,843	2018-10-09	15/592,967	2017-05-11
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR PAYLOAD ENCODING AND DECODING	United States of America	Allowed			16/133,421	2018-09-17
The Nielsen Company (US), LLC	DISTRIBUTED AUDIENCE MEASUREMENT	United States of America	Granted	8,990,142	2015-03-24	12/609,204	2009-10-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	SYSTEMS AND METHODS						
The Nielsen Company (US), LLC	DISTRIBUTED AUDIENCE MEASUREMENT SYSTEMS AND METHODS	United States of America	Granted	9,437,214	2016-09-06	14/628,533	2015-02-23
The Nielsen Company (US), LLC	DISTRIBUTED AUDIENCE MEASUREMENT SYSTEMS AND METHODS	United States of America	Allowed			15/216,077	2016-07-21
The Nielsen Company (US), LLC	SET-TOP-BOX WITH INTEGRATED ENCODER/DECODER FOR AUDIENCE MEASUREMENT	United States of America	Granted	8,768,713	2014-07-01	12/724,070	2010-03-15
The Nielsen Company (US), LLC	DETECTING AND MEASURING EXPOSURE TO MEDIA CONTENT ITEMS	Japan	Granted	5026269	2012-06-29	2007-530380	2005-08-31
The Nielsen Company (US), LLC	DETECTING AND MEASURING EXPOSURE TO MEDIA CONTENT ITEMS	United States of America	Granted	7,623,823	2009-11-24	11/216,543	2005-08-30
The Nielsen Company (US), LLC	DETECTING AND MEASURING EXPOSURE TO MEDIA CONTENT ITEMS	United States of America	Granted	8,358,966	2013-01-22	12/576,184	2009-10-08
The Nielsen Company (US), LLC	Determining Relative Effectiveness Of Media Content Items	United States of America	Granted	10,489,795	2019-11-26	12/618,950	2009-11-16
The Nielsen Company (US), LLC	Determining Relative Effectiveness Of Media Content Items	United States of America	Application			16/693,061	2019-11-22
The Nielsen Company (US), LLC	MEASURING EXPOSURE TO MEDIA	Australia	Granted	2009257626	2015-05-07	2009257626	2009-06-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Presenting Listener Information	United States of America	Granted	8,869,182	2014-10-21	13/014,899	2011-01-27
The Nielsen Company (US), LLC	MATCHING TECHNIQUES FOR CROSS-PLATFORM MONITORING AND INFORMATION	Australia	Granted	2011352223	2016-09-08	2011352223	2011-12-27
The Nielsen Company (US), LLC	MATCHING TECHNIQUES FOR CROSS-PLATFORM MONITORING AND INFORMATION	Australia	Granted	2016219688	2018-02-22	2016219688	2016-08-25
The Nielsen Company (US), LLC	MEDIA EXPOSURE LINKING UTILIZING BLUETOOTH SIGNAL CHARACTERISTICS	China	Granted	201280069886.4	2017-06-16	201280069886.4	2012-12-17
The Nielsen Company (US), LLC	METHOD, APPARATUS AND COMPUTER READABLE MEDIUM FOR COLLECTING MEDIA EXPOSURE DATA	China	Published			201710367491.7	2017-05-23
The Nielsen Company (US), LLC	MEDIA EXPOSURE LINKING UTILIZING BLUETOOTH SIGNAL CHARACTERISTICS	Germany (Federal Republic of)	Granted	602012053618.7	2018-11-14	12858408.3	2012-12-17
The Nielsen Company (US), LLC	MEDIA EXPOSURE LINKING UTILIZING BLUETOOTH SIGNAL CHARACTERISTICS	Germany (Federal Republic of)	Granted	3451556	2020-06-03	18194775.5	2012-12-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	MEDIA EXPOSURE LINKING UTILIZING BLUETOOTH SIGNAL CHARACTERISTICS	European Patent	Granted	3451556	2020-06-03	18194775.5	2012-12-17
The Nielsen Company (US), LLC	MEDIA EXPOSURE LINKING UTILIZING BLUETOOTH SIGNAL CHARACTERISTICS	France	Granted	2792090	2018-11-14	12858408.3	2012-12-17
The Nielsen Company (US), LLC	MEDIA EXPOSURE LINKING UTILIZING BLUETOOTH SIGNAL CHARACTERISTICS	France	Published	3451556	2020-06-03	18194775.5	2012-12-17
The Nielsen Company (US), LLC	MEDIA EXPOSURE LINKING UTILIZING BLUETOOTH SIGNAL CHARACTERISTICS	United Kingdom	Granted	2792090	2018-11-14	12858408.3	2012-12-17
The Nielsen Company (US), LLC	MEDIA EXPOSURE LINKING UTILIZING BLUETOOTH SIGNAL CHARACTERISTICS	United Kingdom	Published	3451556	2020-06-03	18194775.5	2012-12-17
The Nielsen Company (US), LLC	MEDIA EXPOSURE LINKING UTILIZING BLUETOOTH SIGNAL CHARACTERISTICS	Netherlands	Granted	2792090	2018-11-14	12858408.3	2012-12-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	MEDIA EXPOSURE LINKING UTILIZING BLUETOOTH SIGNAL CHARACTERISTICS	United States of America	Granted	8,538,333	2013-09-17	13/327,943	2011-12-16
The Nielsen Company (US), LLC	MEDIA EXPOSURE LINKING UTILIZING BLUETOOTH SIGNAL CHARACTERISTICS	United States of America	Granted	9,313,286	2016-04-12	14/303,032	2014-06-12
The Nielsen Company (US), LLC	MONITORING MEDIA EXPOSURE USING WIRELESS COMMUNICATIONS	United States of America	Granted	9,386,111	2016-07-05	14/570,713	2014-12-15
The Nielsen Company (US), LLC	MEDIA EXPOSURE AND VERIFICATION UTILIZING INDUCTIVE COUPLING	China	Granted	201280069618.2	2017-11-28	201280069618.2	2012-12-17
The Nielsen Company (US), LLC	MEDIA EXPOSURE AND VERIFICATION UTILIZING INDUCTIVE COUPLING	United States of America	Granted	8,977,194	2015-03-10	13/327,993	2011-12-16
The Nielsen Company (US), LLC	MEDIA EXPOSURE AND VERIFICATION UTILIZING INDUCTIVE COUPLING	United States of America	Granted	9,265,081	2016-02-16	14/629,025	2015-02-23
The Nielsen Company (US), LLC	MEDIA EXPOSURE AND VERIFICATION UTILIZING INDUCTIVE COUPLING	United States of America	Granted	9,894,171	2018-02-13	15/043,164	2016-02-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	MEDIA EXPOSURE DATA COLLECTION AND SECURITY	United States of America	Granted	9,386,069	2016-07-05	13/338,479	2011-12-28
The Nielsen Company (US), LLC	ACTIVATING FUNCTIONS IN PROCESSING DEVICES USING START CODES EMBEDDED IN AUDIO	United States of America	Granted	8,959,016	2015-02-17	13/341,365	2011-12-30
The Nielsen Company (US), LLC	ACTIVATING FUNCTIONS IN PROCESSING DEVICES USING START CODES EMBEDDED IN AUDIO	United States of America	Granted	9,711,153	2017-07-18	14/619,725	2015-02-11
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR UTILIZING AUDIO ENCODING FOR MEASURING MEDIA EXPOSURE WITH ENVIRONMENTAL MASKING	United States of America	Granted	10,008,212	2018-06-26	13/338,588	2011-12-28
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR UTILIZING AUDIO ENCODING FOR MEASURING MEDIA EXPOSURE WITH ENVIRONMENTAL MASKING	United States of America	Allowed			16/002,775	2018-06-07
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTICS OF PORTABLE DEVICES	Canada	Granted	2,875,286	2018-06-12	2,875,286	2013-07-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTICS OF PORTABLE DEVICES	China	Granted	201380029274.7	2019-05-31	201380029274.7	2013-07-02
The Nielsen Company (US), LLC	A PORTABLE DEVICE, A PORTABLE APPARATUS AND A COMPUTER READABLE MEDIUM	China	Application			201910374334.8	2013-07-02
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTICS OF PORTABLE DEVICES	Germany (Federal Republic of)	Granted	602013050356.7	2019-01-30	13848606.3	2013-07-02
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTICS OF PORTABLE DEVICES	European Patent	Granted	2910049	2019-01-30	13848606.3	2013-07-02
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTICS OF PORTABLE DEVICES	France	Granted	2910049	2019-01-30	13848606.3	2013-07-02
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTIC	Hong Kong	Published			16105379.3	2016-05-11

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	S OF PORTABLE DEVICES						
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTICS OF PORTABLE DEVICES	Hong Kong	Application			42020004568	2020-03-19
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTICS OF PORTABLE DEVICES	Netherlands	Granted	2910049	2019-01-30	13848606.3	2013-07-02
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTICS OF PORTABLE DEVICES	United States of America	Granted	9,992,729	2018-06-05	13/657,380	2012-10-22
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTICS OF PORTABLE DEVICES	United States of America	Granted	10,631,231	2020-04-21	15/997,391	2018-06-04
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTICS OF PORTABLE DEVICES	United States of America	Application			16/852,097	2020-04-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR CONFIGURING MEDIA DEVICES UTILIZING AUDIO CODES OR SIGNATURES	United States of America	Granted	8,826,316	2014-09-02	13/657,430	2012-10-22
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR CONFIGURING MEDIA DEVICES UTILIZING AUDIO CODES OR SIGNATURES	United States of America	Granted	9,292,251	2016-03-22	14/467,781	2014-08-25
The Nielsen Company (US), LLC	SYSTEMS AND METHODS FOR CONFIGURING MEDIA DEVICES UTILIZING AUDIO CODES OR SIGNATURES	United States of America	Granted	9,635,403	2017-04-25	15/073,385	2016-03-17
The Nielsen Company (US), LLC	AUDIO PROCESSING TECHNIQUES FOR SEMANTIC AUDIO RECOGNITION AND REPORT GENERATION	United States of America	Granted	9,195,649	2015-11-24	13/724,836	2012-12-21
The Nielsen Company (US), LLC	AUDIO PROCESSING TECHNIQUES FOR SEMANTIC AUDIO RECOGNITION AND REPORT GENERATION	United States of America	Granted	9,812,109	2017-11-07	14/885,216	2015-10-16
The Nielsen Company (US), LLC	AUDIO PROCESSING TECHNIQUES FOR SEMANTIC AUDIO RECOGNITION AND REPORT GENERATION	United States of America	Granted	10,366,685	2019-07-30	15/728,775	2017-10-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	AUDIO PROCESSING TECHNIQUES FOR SEMANTIC AUDIO RECOGNITION AND REPORT GENERATION	United States of America	Published			16/523,714	2019-07-26
The Nielsen Company (US), LLC	AUDIO MATCHING WITH SEMANTIC AUDIO RECOGNITION AND REPORT	United States of America	Granted	9,183,849	2015-11-10	13/725,004	2012-12-21
The Nielsen Company (US), LLC	AUDIO MATCHING WITH SEMANTIC AUDIO RECOGNITION AND REPORT	United States of America	Granted	9,754,569	2017-09-05	14/877,296	2015-10-07
The Nielsen Company (US), LLC	AUDIO MATCHING WITH SEMANTIC AUDIO RECOGNITION AND REPORT	United States of America	Granted	10,360,883	2019-07-23	15/689,225	2017-08-29
The Nielsen Company (US), LLC	AUDIO MATCHING WITH SEMANTIC AUDIO RECOGNITION AND REPORT	United States of America	Published			16/518,700	2019-07-22
The Nielsen Company (US), LLC	AUDIO DECODING WITH SUPPLEMENTAL SEMANTIC AUDIO RECOGNITION AND REPORT GENERATION	Australia	Granted	2013361099	2016-08-18	2013361099	2013-12-20
The Nielsen Company (US), LLC	AUDIO DECODING WITH SUPPLEMENTAL SEMANTIC AUDIO RECOGNITION	Australia	Granted	2016208377	2018-05-31	2016208377	2016-07-28

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AND REPORT GENERATION						
The Nielsen Company (US), LLC	AUDIO DECODING WITH SUPPLEMENTAL SEMANTIC AUDIO RECOGNITION AND REPORT GENERATION	Canada	Granted	2,896,096	2018-09-11	2,896,096	2013-12-20
The Nielsen Company (US), LLC	AUDIO DECODING WITH SUPPLEMENTAL SEMANTIC AUDIO RECOGNITION AND REPORT GENERATION	United States of America	Granted	9,158,760	2015-10-13	13/725,021	2012-12-21
The Nielsen Company (US), LLC	AUDIO MATCHING WITH SUPPLEMENTAL SEMANTIC AUDIO RECOGNITION AND REPORT GENERATION	United States of America	Granted	9,640,156	2017-05-02	14/862,508	2015-09-23
The Nielsen Company (US), LLC	MULTIPLE METER DETECTION AND PROCESSING USING MOTION DATA	Canada	Granted	2,875,354	2018-04-10	2,875,354	2013-08-12
The Nielsen Company (US), LLC	MULTIPLE METER DETECTION AND PROCESSING USING MOTION DATA	China	Granted	201380029270.9	2017-12-08	201380029270.9	2013-08-12
The Nielsen Company (US), LLC	MULTIPLE METER DETECTION AND PROCESSING USING MOTION DATA	Germany (Federal Republic of)	Granted	2926148	2019-07-31	13859416.3	2013-08-12
The Nielsen Company (US), LLC	MULTIPLE METER DETECTION AND PROCESSING USING MOTION DATA	European Patent	Published			19180491.3	2013-08-12

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	MULTIPLE METER DETECTION AND PROCESSING USING MOTION DATA	France	Granted	2926148	2019-07-31	13859416.3	2013-08-12
The Nielsen Company (US), LLC	MULTIPLE METER DETECTION AND PROCESSING USING MOTION DATA	United Kingdom	Granted	2926148	2019-07-31	13859416.3	2013-08-12
The Nielsen Company (US), LLC	MULTIPLE METER DETECTION AND PROCESSING USING MOTION DATA	Netherlands	Granted	2926148	2019-07-31	13859416.3	2013-08-12
The Nielsen Company (US), LLC	MULTIPLE METER DETECTION AND PROCESSING USING MOTION DATA	United States of America	Granted	9,696,336	2017-07-04	13/691,166	2012-11-30
The Nielsen Company (US), LLC	MULTIPLE METER DETECTION AND PROCESSING USING MOTION DATA	United States of America	Allowed			15/638,799	2017-06-30
The Nielsen Company (US), LLC	System and Method for Determining Meter Presence Utilizing Ambient Fingerprints	United States of America	Granted	9,332,363	2016-05-03	13/728,252	2012-12-27
The Nielsen Company (US), LLC	SYSTEMS, APPARATUS AND METHODS FOR ENCODING/DECODING PERSISTENT UNIVERSAL MEDIA CODES TO ENCODED AUDIO	United States of America	Granted	9,711,152	2017-07-18	13/955,245	2013-07-31
The Nielsen Company (US), LLC	APPARATUS, SYSTEM AND METHOD FOR MERGING CODE LAYERS FOR AUDIO ENCODING	United States of America	Granted	9,015,563	2015-04-21	14/023,226	2013-09-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AND DECODING AND ERROR CORRECTION THEREOF						
The Nielsen Company (US), LLC	APPARATUS, SYSTEM AND METHOD FOR MERGING CODE LAYERS FOR AUDIO ENCODING AND DECODING AND ERROR CORRECTION THEREOF	United States of America	Granted	9,336,784	2016-05-10	14/685,984	2015-04-14
The Nielsen Company (US), LLC	POWER EFFICIENT DETECTION OF WATERMARKS IN MEDIA SIGNALS	China	Granted	107113475	2020-04-21	201580071908.4	2015-12-28
The Nielsen Company (US), LLC	POWER EFFICIENT DETECTION OF WATERMARKS IN MEDIA SIGNALS	China	Application			202010237059.8	2015-12-28
The Nielsen Company (US), LLC	POWER EFFICIENT DETECTION OF WATERMARKS IN MEDIA SIGNALS	Germany (Federal Republic of)	Granted	602015040526.9	2019-10-23	15876106.4	2015-12-28
The Nielsen Company (US), LLC	POWER EFFICIENT DETECTION OF WATERMARKS IN MEDIA SIGNALS	European Patent	Published			19195530.1	2015-12-28
The Nielsen Company (US), LLC	POWER EFFICIENT DETECTION OF WATERMARKS IN MEDIA SIGNALS	France	Granted	3241355	2019-10-23	15876106.4	2015-12-28
The Nielsen Company (US), LLC	POWER EFFICIENT DETECTION OF WATERMARKS IN MEDIA SIGNALS	United Kingdom	Granted	3241355	2019-10-23	15876106.4	2015-12-28
The Nielsen Company (US), LLC	POWER EFFICIENT DETECTION OF WATERMARKS IN MEDIA SIGNALS	Hong Kong	Published			18102563.3	2018-02-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	POWER EFFICIENT DETECTION OF WATERMARKS IN MEDIA SIGNALS	Netherlands	Granted	3241355	2019-10-23	15876106.4	2015-12-28
The Nielsen Company (US), LLC	POWER EFFICIENT DETECTION OF WATERMARKS IN MEDIA SIGNALS	United States of America	Granted	9,418,395	2016-08-16	14/587,995	2014-12-31
The Nielsen Company (US), LLC	POWER EFFICIENT DETECTION OF WATERMARKS IN MEDIA SIGNALS	United States of America	Granted	9,641,857	2017-05-02	15/231,439	2016-08-08
The Nielsen Company (US), LLC	POWER EFFICIENT DETECTION OF WATERMARKS IN MEDIA SIGNALS	United States of America	Granted	9,904,968	2018-02-27	15/495,584	2017-04-24
The Nielsen Company (US), LLC	POWER EFFICIENT DETECTION OF WATERMARKS IN MEDIA SIGNALS	United States of America	Published			15/893,216	2018-02-09
The Nielsen Company (US), LLC	MEASURING SYSTEM	European Union	Granted	2470013	2014-05-23	2470013(0001-0006)	2014-05-23
The Nielsen Company (US), LLC	EXTRACTING STRUCTURED DATA FROM WEBLOGS	United States of America	Published			16/247,523	2019-01-14
The Nielsen Company (US), LLC	SYSTEM AND METHOD OF AD-HOC ANALYSIS OF DATA	United States of America	Granted	7,660,783	2010-02-09	11/897,984	2007-08-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE EFFECTS OF PROMOTIONAL ACTIVITY ON SALES	United States of America	Granted	8,265,989	2012-09-11	12/435,874	2009-05-05
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE EFFECTS OF PROMOTIONAL	United States of America	Granted	8,583,477	2013-11-12	13/571,575	2012-08-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ACTIVITY ON SALES						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO DETERMINE THE EFFECTS OF TRADE PROMOTIONS ON SUBSEQUENT	United States of America	Granted	8,364,516	2013-01-29	12/493,643	2009-06-29
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR USING COHERENCE OF BIOLOGICAL RESPONSES AS A MEASURE OF PERFORMANCE OF A MEDIA	United States of America	Granted	8,230,457	2012-07-24	11/804,517	2007-05-17
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR USING COHERENCE OF BIOLOGICAL RESPONSES AS A MEASURE OF PERFORMANCE OF A MEDIA	United States of America	Granted	8,973,022	2015-03-03	13/553,515	2012-07-19
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR RATING MEDIA AND EVENTS IN MEDIA BASED ON PHYSIOLOGICAL DATA	Japan	Granted	5746472	2015-05-15	2009-552656	2007-06-27
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR RATING MEDIA AND EVENTS IN MEDIA BASED ON PHYSIOLOGICAL DATA	United States of America	Granted	8,782,681	2014-07-15	11/804,555	2007-05-17

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	A METHOD AND SYSTEM FOR CREATING AN AGGREGATED VIEW OF USER RESPONSE OVER TIME-VARIANT MEDIA USING PHYSIOLOGICAL DATA	China	Granted	CN101755405B	2013-01-02	200780052869.9	2007-07-25
The Nielsen Company (US), LLC	DEVICE AND METHOD FOR SENSING ELECTRICAL ACTIVITY IN TISSUE	Japan	Granted	5065275	2012-08-17	2008-529085	2006-08-08
The Nielsen Company (US), LLC	DEVICE AND METHOD FOR SENSING ELECTRICAL ACTIVITY IN TISSUE	Japan	Granted	5568757	2014-07-04	2012-152836	2012-07-06
The Nielsen Company (US), LLC	DEVICE AND METHOD FOR SENSING ELECTRICAL ACTIVITY IN TISSUE	United States of America	Granted	9,351,658	2016-05-31	11/500,678	2006-08-08
The Nielsen Company (US), LLC	DEVICE AND METHOD FOR SENSING ELECTRICAL ACTIVITY IN TISSUE	United States of America	Granted	10,506,941	2019-12-17	15/156,866	2016-05-17
The Nielsen Company (US), LLC	DEVICE AND METHOD FOR SENSING ELECTRICAL ACTIVITY IN TISSUE	United States of America	Application			16/715,610	2019-12-16
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING AN	China	Granted	200780052893.2	2012-08-29	200780052893.2	2007-09-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	"ENGAGEMENT" RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA, PRODUCTS, OR ACTIVITIES USING PHYSIOLOGICAL SIGNALS						
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING AN "ENGAGEMENT" RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA, PRODUCTS, OR ACTIVITIES USING PHYSIOLOGICAL SIGNALS	China	Granted	201210244954.8	2015-04-01	201210244954.8	2007-09-24
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING AN "ENGAGEMENT" RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA, PRODUCTS, OR ACTIVITIES USING PHYSIOLOGICAL SIGNALS	Germany (Federal Republic of)	Granted	602007047953.3	2016-09-14	7838838.6	2012-09-24
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING AN "ENGAGEMENT" RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA, PRODUCTS, OR	United Kingdom	Granted	2134254	2016-09-14	7838838.6	2012-09-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ACTIVITIES USING PHYSIOLOGICAL SIGNALS						
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING AN "ENGAGEMENT" RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA, PRODUCTS, OR ACTIVITIES USING PHYSIOLOGICAL SIGNALS	Japan	Granted	5384371	2013-10-11	2009-552661	2007-09-24
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING AN "ENGAGEMENT" RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA, PRODUCTS, OR ACTIVITIES USING PHYSIOLOGICAL SIGNALS	United States of America	Granted	8,764,652	2014-07-01	11/845,993	2007-08-28
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING A POSITIVE OR NEGATIVE RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA, PRODUCTS OR ACTIVITIES USING PHYSIOLOGICAL SIGNALS	China	Granted	200780052855.7	2012-05-09	200780052855.7	2007-09-24

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING A RESPONSE USING PHYSIOLOGICAL SIGNALS	China	Granted	201210063607.5	2015-07-15	201210063607.5	2012-03-13
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING A POSITIVE OR NEGATIVE RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA, PRODUCTS OR ACTIVITIES USING PHYSIOLOGICAL SIGNALS	Germany (Federal Republic of)	Granted	602007045876.5	2016-04-13	7852430.3	2007-09-24
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING A POSITIVE OR NEGATIVE RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA, PRODUCTS OR ACTIVITIES USING PHYSIOLOGICAL SIGNALS	European Patent	Granted	2134255	2016-04-13	7852430.3	2007-09-24
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING A POSITIVE OR NEGATIVE RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA,	Hong Kong	Granted	1176265	2016-08-26	13103839.4	2013-03-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	PRODUCTS OR ACTIVITIES USING PHYSIOLOGICAL SIGNALS						
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING A POSITIVE OR NEGATIVE RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA, PRODUCTS OR ACTIVITIES USING PHYSIOLOGICAL SIGNALS	Japan	Granted	5616640	2014-09-19	2009-552660	2007-09-24
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING AND RANKING A POSITIVE OR NEGATIVE RESPONSE TO AUDIOVISUAL OR INTERACTIVE MEDIA, PRODUCTS OR ACTIVITIES USING PHYSIOLOGICAL SIGNALS	United States of America	Granted	8,473,044	2013-06-25	11/846,068	2007-08-28
The Nielsen Company (US), LLC	INTEGRATED SENSOR HEADSET	China	Granted	200880110604.4	2012-06-13	200880110604.4	2008-09-08
The Nielsen Company (US), LLC	SYSTEM FOR REMOTE ACCESS TO MEDIA, AND REACTION AND SURVEY DATA FROM VIEWERS OF THE MEDIA	United States of America	Granted	8,151,292	2012-04-03	12/244,748	2008-10-02
The Nielsen Company (US), LLC	SYSTEMS AND METHODS PROVIDING EN	United States of America	Granted	9,521,960	2016-12-20	12/263,331	2008-10-31

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MASS COLLECTION AND CENTRALIZATION PROCESSING OF PHYSIOLOGICAL RESPONSES FROM VIEWERS						
The Nielsen Company (US), LLC	SYSTEMS AND METHODS PROVIDING EN MASS COLLECTION AND CENTRALIZATION PROCESSING OF PHYSIOLOGICAL RESPONSES FROM VIEWERS	United States of America	Granted	10,580,018	2020-03-03	15/331,271	2016-10-21
The Nielsen Company (US), LLC	SYSTEMS AND METHODS PROVIDING EN MASS COLLECTION AND CENTRALIZATION PROCESSING OF PHYSIOLOGICAL RESPONSES FROM VIEWERS	United States of America	Application			16/790,164	2020-02-13
The Nielsen Company (US), LLC	SYSTEM PROVIDING ACTIONABLE INSIGHTS BASED ON PHYSIOLOGICAL RESPONSES FROM VIEWERS OF MEDIA	United States of America	Granted	8,327,395	2012-12-04	12/244,751	2008-10-02
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO DETERMINE MEDIA EFFECTIVENESS	United States of America	Granted	9,021,515	2015-04-28	13/659,592	2012-10-24
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO DETERMINE	United States of America	Granted	9,571,877	2017-02-14	14/673,077	2015-03-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	MEDIA EFFECTIVENESS						
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO DETERMINE MEDIA EFFECTIVENESS	United States of America	Granted	9,894,399	2018-02-13	15/400,357	2017-01-06
The Nielsen Company (US), LLC	PROVIDING ACTIONABLE INSIGHTS BASED ON PHYSIOLOGICAL RESPONSES FROM VIEWERS OF MEDIA	United States of America	Granted	8,332,883	2012-12-11	12/244,752	2008-10-02
The Nielsen Company (US), LLC	APPARATUS AND METHOD FOR OBJECTIVELY DETERMINING HUMAN RESPONSE TO MEDIA	United States of America	Granted	9,215,996	2015-12-22	11/681,265	2007-03-02
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR SENSING BLOOK OXYGEN	United States of America	Granted	8,376,952	2013-02-19	11/852,189	2007-09-07
The Nielsen Company (US), LLC	IDENTIFYING KEY MEDIA EVENTS AND MODELING CAUSAL RELATIONSHIPS BETWEEN KET EVENTS AND REPORTED FEELINGS	United States of America	Granted	8,347,326	2013-01-01	11/959,399	2007-12-18
The Nielsen Company (US), LLC	IDENTIFYING KEY MEDIA EVENTS AND MODELING CAUSAL RELATIONSHIPS BETWEEN KET EVENTS AND REPORTED FEELINGS	United States of America	Granted	8,793,715	2014-07-29	13/682,503	2012-11-20

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	ELECTROENCEPHALOGRAM (EEG) CLUSTER ELECTRODES	Germany (Federal Republic of)	Granted	112011100979	2017-08-24	112011100979.8	2011-03-21
The Nielsen Company (US), LLC	ELECTROENCEPHALOGRAM (EEG) CLUSTER ELECTRODES	Germany (Federal Republic of)	Application			112011106137.4	2017-06-27
The Nielsen Company (US), LLC	ELECTROENCEPHALOGRAM (EEG) CLUSTER ELECTRODES	United States of America	Granted	8,744,808	2014-06-03	13/053,016	2011-03-21
The Nielsen Company (US), LLC	ELECTROENCEPHALOGRAM (EEG) CLUSTER ELECTRODES	United States of America	Granted	8,774,894	2014-07-08	13/053,043	2011-03-21
The Nielsen Company (US), LLC	INDEX COMPRESSION AND DECOMPRESSION	United States of America	Granted	10,185,718	2019-01-22	15/683,891	2017-08-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GENERAGE RECOMMENDATIONS BASED ON ATTRIBUTE	United States of America	Application			16/695,169	2019-11-25
The Nielsen Company (US), LLC	Dynamic Watermarking of Media Based on Transport-Stream Metadata, to Facilitate Action by Downstream Entity	Taiwan	Application			109105761	2020-02-21
The Nielsen Company (US), LLC	Dynamic Watermarking of Media Based on Transport-Stream Metadata, to Facilitate Action by Downstream Entity	United States of America	Application			15/929,218	2020-02-06

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Dynamic Watermarking of Media Based on Transport-Stream Metadata, to Facilitate Action by Downstream Entity	Patent Cooperation Treaty	Application			PCT/US2020/017665	2020-02-11
The Nielsen Company (US), LLC	Use of Steganographically-Encoded Time Information as Basis to Establish a Time Offset, to Facilitate Taking Content-Related Action	United States of America	Application			15/929,220	2020-02-06
The Nielsen Company (US), LLC	Use of Steganographically-Encoded Time Information as Basis to Control Implementation of Dynamic Content Modification	United States of America	Application			16/836,449	2020-03-31
The Nielsen Company (US), LLC	Use of Watermarking to Trigger Fingerprint-Related Action	United States of America	Application			15/929,219	2020-02-06
The Nielsen Company (US), LLC	Use of Watermarking to Control Abandonment of Dynamic Content Modification	United States of America	Application			62/882,220	2019-08-02

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	PROSPECTIVE MEDIA CONTENT GENERATION USING NEURAL NETWORK MODELING	United States of America	Granted	8,983,885	2015-03-17	13/609,141	2012-09-10
The Nielsen Company (US), LLC	PROSPECTIVE MEDIA CONTENT GENERATION USING NEURAL NETWORK MODELING	United States of America	Granted	9,619,747	2017-04-11	14/644,092	2015-03-10
The Nielsen Company (US), LLC	PROSPECTIVE MEDIA CONTENT GENERATION USING NEURAL NETWORK MODELING	United States of America	Application			15/446,741	2017-03-01
The Nielsen Company (US), LLC	MEDIA CONTENT DISCOVERY AND CHARACTER ORGANIZATION TECHNIQUES	China	Published			201480022305 0	2014-03-14
The Nielsen Company (US), LLC	MEDIA CONTENT DISCOVERY AND CHARACTER ORGANIZATION TECHNIQUES	United States of America	Granted	8,572,097	2013-10-19	13/844,125	2013-03-15
The Nielsen Company (US), LLC	MEDIA CONTENT DISCOVERY AND CHARACTER ORGANIZATION TECHNIQUES	United States of America	Granted	8,819,031	2014-08-26	14/065,332	2013-10-28
The Nielsen Company (US), LLC	MEDIA CONTENT DISCOVERY AND CHARACTER ORGANIZATION TECHNIQUES	United States of America	Granted	9,122,684	2015-09-01	14/466,882	2014-08-22
The Nielsen Company (US), LLC	MEDIA CONTENT DISCOVERY AND CHARACTER ORGANIZATION TECHNIQUES	United States of America	Granted	9,442,931	2016-09-13	14/800,020	2015-07-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	MEDIA CONTENT DISCOVERY AND CHARACTER ORGANIZATION TECHNIQUES	United States of America	Granted	9805034	2017-10-31	15/238,677	2016-08-16
The Nielsen Company (US), LLC	MEDIA CONTENT DISCOVERY AND CHARACTER ORGANIZATION TECHNIQUES	United States of America	Granted	10,642,882	2020-05-05	15/786,351	2017-10-17
The Nielsen Company (US), LLC	MEDIA CONTENT DISCOVERY AND CHARACTER ORGANIZATION TECHNIQUES	United States of America	Application			16/116,250	2018-08-29
The Nielsen Company (US), LLC	MEDIA CONTENT DISCOVERY AND CHARACTER ORGANIZATION TECHNIQUES	United States of America	Application			16/116,281	2018-08-29
The Nielsen Company (US), LLC	MEDIA CONTENT DISCOVERY AND CHARACTER ORGANIZATION TECHNIQUES	United States of America	Application			16/116,310	2018-08-29
The Nielsen Company (US), LLC	MEDIA CONTENT DISCOVERY AND CHARACTER ORGANIZATION TECHNIQUES	United States of America	Application			16/123,238	2018-09-06
The Nielsen Company (US), LLC	CHARACTER BASED MEDIA ANALYTICS	European Patent	Published			15757812.1	2015-03-03
The Nielsen Company (US), LLC	CHARACTER BASED MEDIA ANALYTICS	United States of America	Granted	9,342,580	2016-05-17	14/636,067	2015-03-02
The Nielsen Company (US), LLC	CHARACTER BASED MEDIA ANALYTICS	United States of America	Granted	10,565,235	2020-02-18	15/132,197	2016-04-18
The Nielsen Company (US), LLC	CHARACTER BASED MEDIA ANALYTICS	United States of America	Application			16/130,915	2018-09-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	CHARACTER BASED MEDIA ANALYTICS	United States of America	Application			16/132,268	2018-09-14
The Nielsen Company (US), LLC	CHARACTER BASED MEDIA ANALYTICS	United States of America	Application			16/792,122	2020-02-14
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR CONDUCTING PRODUCT CONFIGURATION RESEARCH OVER A COMPUTER-BASED NETWORK	United States of America	Granted	7,398,233	2008-07-08	09/882,203	2001-06-15
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR CONDUCTING PRODUCT CONFIGURATION RESEARCH OVER A COMPUTER-BASED NETWORK	United States of America	Granted	7,890,387	2011-02-15	10/446,064	2003-05-27
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR CONDUCTING PRODUCT CONFIGURATION RESEARCH OVER A COMPUTER-BASED NETWORK	United States of America	Granted	7,822,632	2010-10-26	12/154,974	2008-05-29
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR MEASURING REACTIONS TO PRODUCT PACKAGING, ADVERTISING, OR PRODUCT FEATURES OVER A COMPUTER-BASED NETWORK	United States of America	Granted	7,302,475	2007-11-27	10/783,733	2004-02-20
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR MEASURING	United States of America	Granted	7,912,898	2011-03-22	11/974,582	2007-10-15

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	REACTIONS TO PRODUCT PACKAGING, ADVERTISING, OR PRODUCT FEATURES OVER A COMPUTER-BASED NETWORK						
The Nielsen Company (US), LLC	Computerized System and Method for Increasing the Effectiveness of Advertising	Australia	Granted	2008200279	2012-08-16	2008200279	2008-01-18
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR DETERMING AUDIENCE RESPONSE TO A SENSORY STIMULUS	Australia	Granted	2013273825	2015-10-22	2013273825	2013-12-23
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR DETERMING AUDIENCE RESPONSE TO A SENSORY STIMULUS	Canada	Granted	2,662,632	2016-08-02	2,662,632	2007-09-05
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR DETERMING AUDIENCE RESPONSE TO A SENSORY STIMULUS	India	Granted	319118	2019-08-27	946/KOLNP/2009	2007-09-05
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR DETERMING AUDIENCE RESPONSE TO A SENSORY STIMULUS	Japan	Granted	5194015	2013-02-08	2009-527401	2007-09-05
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR DETERMING	United States of America	Granted	8,296,172	2012-10-23	11/850,650	2007-09-05

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	AUDIENCE RESPONSE TO A SENSORY STIMULUS						
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR DETERMING AUDIENCE RESPONSE TO A SENSORY STIMULUS	United States of America	Granted	9,514,439	2016-12-06	13/657,432	2012-10-22
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR PREDICTING AUDIENCE VIEWING BEHAVIOR	India	Application			4090/KOLNP/2011	2010-03-30
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR PREDICTING AUDIENCE VIEWING BEHAVIOR	Japan	Granted	5756456	2015-06-05	2012-503596	2010-03-30
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR PREDICTING AUDIENCE VIEWING BEHAVIOR	United States of America	Granted	9,514,436	2016-12-06	12/749,376	2010-03-29
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR PREDICTING AUDIENCE VIEWING BEHAVIOR	United States of America	Granted	10,198,713	2019-02-05	15/147,308	2016-05-05
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR PREDICTING AUDIENCE VIEWING BEHAVIOR	United States of America	Published			16/264,220	2019-01-31
The Nielsen Company (US), LLC	SHORT IMAGERY TASK (SIT)	United States of America	Granted	8,684,742	2014-04-01	13/089,752	2011-04-19

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	RESEARCH METHOD						
The Nielsen Company (US), LLC	SHORT IMAGERY TASK (SIT) RESEARCH METHOD	United States of America	Granted	9,454,646	2016-09-27	14/230,418	2014-03-31
The Nielsen Company (US), LLC	SHORT IMAGERY TASK (SIT) RESEARCH METHOD	United States of America	Granted	10,248,195	2019-04-02	15/238,333	2016-08-16
The Nielsen Company (US), LLC	SHORT IMAGERY TASK (SIT) RESEARCH METHOD	United States of America	Published			16/287,440	2019-02-27
The Nielsen Company (US), LLC	DATA COLLECTION SYSTEM FOR AGGREGATING BIOLOGICALLY BASED MEASURES IN ASYNCHRONOUS GEOGRAPHICALLY DISTRIBUTED PUBLIC ENVIRONMENTS	United States of America	Granted	9,292,858	2016-03-22	13/405,611	2012-02-27
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR GATHERING AND COMPUTING AN AUDIENCE'S NEUROLOGICALLY-BASED REACTIONS IN A DISTRIBUTED FRAMEWORK INVOLVING REMOTE STORAGE AND COMPUTING	United States of America	Granted	9,451,303	2016-09-20	13/779,528	2013-02-27
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR GATHERING AND ANALYZING	United States of America	Granted	9,569,986	2017-02-14	13/779,497	2013-02-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	BIOMETRIC USER FEEDBACK FOR USE IN SOCIAL MEDIA AND ADVERTISING APPLICATIONS						
The Nielsen Company (US), LLC	A SYSTEM AND METHOD FOR GATHERING AND ANALYZING BIOMETRIC USER FEEDBACK FOR USE IN SOCIAL MEDIA AND ADVERTISING APPLICATIONS	United States of America	Published			15/400,287	2017-01-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADJUST CONTENT PRESENTED TO AN INDIVIDUAL	United States of America	Granted	9,936,250	2018-04-03	15/155,543	2016-05-16
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO ADJUST CONTENT PRESENTED TO AN INDIVIDUAL	United States of America	Allowed			15/908,436	2018-02-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR IN-STORE MEDIA AND CONSUMER TRAFFIC RELATED TO RETAIL ENVIRONMENTS	United States of America	Granted	8,818,841	2014-08-26	12/110,146	2008-04-25
The Nielsen Company (US), LLC	SYSTEMS AND APPARATUS TO DETERMINE SHOPPER TRAFFIC IN RETAIL ENVIRONMENTS	United States of America	Granted	8,229,781	2012-07-24	12/110,095	2008-04-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR	United States of America	Granted	9,288,268	2016-03-15	12/164,819	2008-06-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	SHOPPERS IN A RETAIL ENVIRONMENT						
The Nielsen Company (US), LLC	PROTECTIVE GUARDS FOR MOUNTING AN IDENTIFICATION TAG ON A SHOPPING CARRIER	United States of America	Granted	7,911,347	2011-03-22	12/239,245	2008-09-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR SHOPPERS IN A RETAIL ENVIRONMENT	United States of America	Granted	8,239,277	2012-08-07	12/415,506	2009-03-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR SHOPPERS IN A RETAIL ENVIRONMENT	United States of America	Granted	9,269,093	2016-02-23	13/475,571	2012-05-18
The Nielsen Company (US), LLC	ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS USING CENTRAL NERVOUS SYSTEM, AUTONOMIC NERVOUS SYSTEM, AND EFFECTOR DATA	United States of America	Granted	8,484,081	2013-07-09	12/056,190	2008-03-26
The Nielsen Company (US), LLC	ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS USING CENTRAL NERVOUS SYSTEM, AUTONOMIC NERVOUS SYSTEM, AND EFFECTOR DATA	United States of America	Allowed			15/967,939	2018-05-01

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS USING CENTRAL NERVOUS SYSTEM, AUTONOMIC NERVOUS SYSTEM, AND EFFECTOR DATA	United States of America	Application			16/863,671	2020-04-30
The Nielsen Company (US), LLC	PROTOCOL GENERATOR AND PRESENTER DEVICE FOR ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS	United States of America	Granted	8,473,345	2013-06-25	12/056,211	2008-03-26
The Nielsen Company (US), LLC	NEURO-INFORMATICS REPOSITORY SYSTEM	United States of America	Granted	8,386,312	2013-02-26	12/113,863	2008-05-01
The Nielsen Company (US), LLC	NEURO-FEEDBACK BASED STIMULUS COMPRESSION DEVICE	United States of America	Granted	9,886,981	2018-02-06	12/113,870	2008-05-01
The Nielsen Company (US), LLC	NEURO-PHYSIOLOGY AND NEURO-BEHAVIORAL BASED STIMULUS TARGETING SYSTEM	United States of America	Granted	8,392,253	2013-03-05	12/122,262	2008-05-16
The Nielsen Company (US), LLC	NEURO-PHYSIOLOGY AND NEURO-BEHAVIORAL BASED STIMULUS TARGETING SYSTEM	United States of America	Granted	10,580,031	2020-03-03	15/989,987	2018-05-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	NEURO-PHYSIOLOGY AND NEURO-BEHAVIORAL BASED STIMULUS TARGETING SYSTEM	United States of America	Application			16/790,160	2020-02-13
The Nielsen Company (US), LLC	AUDIENCE RESPONSE ANALYSIS USING SIMULTANEOUS ELECTROENCEPHALOGRAPHY (EEG) AND FUNCTIONAL MAGNETIC RESONANCE IMAGING	United States of America	Granted	8,494,905	2013-07-23	12/135,074	2008-06-06
The Nielsen Company (US), LLC	NEURO-RESPONSE STIMULUS AND STIMULUS ATTRIBUTE RESONANCE ESTIMATOR	Germany (Federal Republic of)	Granted	602008058221.30005	2018-12-05	8796890.5	2008-07-30
The Nielsen Company (US), LLC	NEURO-RESPONSE STIMULUS AND STIMULUS ATTRIBUTE RESONANCE ESTIMATOR	United Kingdom	Granted	2170161	2018-12-05	8796890.5	2008-07-30
The Nielsen Company (US), LLC	NEURO-RESPONSE STIMULUS AND STIMULUS ATTRIBUTE RESONANCE ESTIMATOR	United States of America	Granted	8,533,042	2013-09-10	12/182,874	2008-07-30
The Nielsen Company (US), LLC	NEURO-RESPONSE STIMULUS AND STIMULUS ATTRIBUTE RESONANCE ESTIMATOR	United States of America	Allowed			16/183,131	2018-11-07

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	STIMULUS PLACEMENT SYSTEM USING SUBJECT NEURO-RESPONSE MEASUREMENTS	United States of America	Granted	8,386,313	2013-02-26	12/199,557	2008-08-27
The Nielsen Company (US), LLC	STIMULUS PLACEMENT SYSTEM USING SUBJECT NEURO-RESPONSE MEASUREMENTS	United States of America	Granted	10,127,572	2018-11-13	13/730,541	2012-12-28
The Nielsen Company (US), LLC	STIMULUS PLACEMENT SYSTEM USING SUBJECT NEURO-RESPONSE MEASUREMENTS	United States of America	Published			16/151,044	2018-10-03
The Nielsen Company (US), LLC	CONSUMER EXPERIENCE ASSESSMENT SYSTEM	United States of America	Granted	8,392,254	2013-03-05	12/199,583	2008-08-27
The Nielsen Company (US), LLC	CONSUMER EXPERIENCE PORTRAYAL EFFECTIVENESS ASSESSMENT SYSTEM	United States of America	Granted	8,635,105	2014-01-21	12/199,596	2008-08-27
The Nielsen Company (US), LLC	CONTENT BASED SELECTION AND META TAGGING OF ADVERTISEMENT BREAKS	United States of America	Granted	8,392,255	2013-03-05	12/200,813	2008-08-28
The Nielsen Company (US), LLC	CONTENT BASED SELECTION AND META TAGGING OF ADVERTISEMENT BREAKS	United States of America	Granted	10,140,628	2018-11-27	13/730,564	2012-12-28
The Nielsen Company (US), LLC	CONTENT BASED SELECTION AND META TAGGING OF	United States of America	Published			16/151,050	2018-10-03

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	ADVERTISEMENT BREAKS						
The Nielsen Company (US), LLC	PERSONALIZED CONTENT DELIVERY USING NEURO-RESPONSE PRIMING DATA	United States of America	Published			16/193,930	2018-11-16
The Nielsen Company (US), LLC	ANALYSIS OF MARKETING AND ENTERTAINMENT EFFECTIVENESS USING MAGNETOENCEPHALOGRAPHY	United States of America	Granted	8,494,610	2013-07-23	12/234,388	2008-09-19
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR PROVIDING VIDEO WITH EMBEDDED MEDIA	United States of America	Granted	8,270,814	2012-09-18	12/357,302	2009-01-21
The Nielsen Company (US), LLC	DRY ELECTRODES FOR ELECTROENCEPHALOGRAPHY	United States of America	Published			12/546,586	2009-08-24
The Nielsen Company (US), LLC	NEUROLOGICAL PROFILES FOR MARKET MARCHING AND STIMULUS PRESENTATION	United States of America	Application			16/561,980	2019-09-05
The Nielsen Company (US), LLC	PRESENTATION MEASURE USING NEUROGRAPHICS	United States of America	Published			16/421,864	2019-05-24
The Nielsen Company (US), LLC	PERSONALIZED STIMULUS PLACEMENT IN VIDEO GAMES	United States of America	Application			16/692,511	2019-11-22
The Nielsen Company (US), LLC	ANALYSIS OF THE MIRROR NEURON SYSTEM FOR EVALUATION OF STIMULUS	United States of America	Granted	8,655,437	2014-02-18	12/545,455	2009-08-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	ANALYSIS OF CONTROLLED AND AUTOMATIC ATTENTION FOR INTRODUCTION OF STIMULUS MATERIAL	United States of America	Granted	9,560,984	2017-02-07	12/608,660	2009-10-29
The Nielsen Company (US), LLC	ANALYSIS OF CONTROLLED AND AUTOMATIC ATTENTION FOR INTRODUCTION OF STIMULUS MATERIAL	United States of America	Granted	10,068,248	2018-09-04	15/299,752	2016-10-21
The Nielsen Company (US), LLC	ANALYSIS OF CONTROLLED AND AUTOMATIC ATTENTION FOR INTRODUCTION OF STIMULUS MATERIAL	United States of America	Granted	10,269,036	2019-04-23	16/037,666	2018-07-17
The Nielsen Company (US), LLC	ANALYSIS OF CONTROLLED AND AUTOMATIC ATTENTION FOR INTRODUCTION OF STIMULUS MATERIAL	United States of America	Published			16/360,282	2019-03-21
The Nielsen Company (US), LLC	GENERATING RATINGS PREDICTIONS USING NEURO-RESPONSE DATA	United States of America	Published			16/152,980	2018-10-05
The Nielsen Company (US), LLC	INTRACLUSTER CONTENT MANAGEMENT USING NEURO-RESPONSE PRIMING DATA	United States of America	Granted	8,209,224	2012-06-26	12/608,696	2009-10-29
The Nielsen Company (US), LLC	INTRACLUSTER CONTENT MANAGEMENT USING NEURO-	United States of America	Granted	8,762,202	2014-06-24	13/444,149	2012-04-11

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	RESPONSE PRIMING DATA						
The Nielsen Company (US), LLC	ADVERTISEMENT EXCHANGE USING NEURO-RESPONSE DATA	United States of America	Granted	8,335,715	2012-12-18	12/622,292	2009-11-19
The Nielsen Company (US), LLC	MULTIMEDIA ADVERTISEMENT EXCHANGE	United States of America	Granted	8,335,716	2012-12-18	12/622,312	2009-11-19
The Nielsen Company (US), LLC	NEURO-RESPONSE DATA SYNCHRONIZATION	United States of America	Granted	8,655,428	2014-02-18	12/778,828	2010-05-12
The Nielsen Company (US), LLC	NEURO-RESPONSE DATA SYNCHRONIZATION	United States of America	Granted	9,336,535	2016-05-10	14/177,698	2014-02-11
The Nielsen Company (US), LLC	NEURO-RESPONSE EVALUATED STIMULUS IN VIRTUAL REALITY ENVIRONMENTS	United States of America	Granted	8,392,250	2013-03-05	12/853,197	2010-08-09
The Nielsen Company (US), LLC	EFFECTIVE VIRTUAL REALITY ENVIRONMENTS FOR PRESENTATION OF MARKETING MATERIALS	United States of America	Granted	8,396,744	2013-03-12	12/868,531	2010-08-25
The Nielsen Company (US), LLC	EFFECTIVE VIRTUAL REALITY ENVIRONMENTS FOR PRESENTATION OF MARKETING MATERIALS	United States of America	Granted	8,548,852	2013-10-01	13/569,711	2012-08-08
The Nielsen Company (US), LLC	LOCATION AWARE PRESENTATION OF STIMULUS	United States of America	Granted	8,392,251	2013-03-05	12/853,213	2010-08-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SENSOR SYSTEM FOR NONINVASIVE DETECTION OF ELECTROCARDIOGRAM SIGNALS	Germany (Federal Republic of)	Application			DE102010005551.4	2010-01-22
The Nielsen Company (US), LLC	SENSOR SYSTEM FOR NON-INVASIVE DETECTION OF ELECTROMAGNETIC SIGNALS OF BIOLOGICAL ORIGIN	Germany (Federal Republic of)	Published			DE102010017415.7	2010-06-17
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	China	Granted	201310471815.3	2016-05-11	201310471815.3	2013-08-17
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	China	Granted	ZL201610246021.0	2019-10-11	201610246021	2016-04-20
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	China	Published			201910870153.4	2013-08-17
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Germany (Federal Republic of)	Granted	602013044364.5	2018-10-03	13004052	2013-08-14

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	European Patent	Published			18187703.6	2013-08-14
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United Kingdom	Granted	2698099	2018-10-03	13004052	2013-08-14
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Hong Kong	Granted	1196522B	2017-08-18	14110048.5	2014-10-09
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Hong Kong	Published			17102110.2	2017-02-27
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Hong Kong	Application			42020002131.9	2020-02-03
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	India	Published			3633/CHE/2013	2013-08-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Japan	Granted	5665205	2014-12-19	2013-169723	2013-08-19
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Granted	9,060,671	2015-06-23	13/728,900	2012-12-27
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Granted	8,989,835	2015-03-24	13/728,913	2012-12-27
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Granted	9,215,978	2015-12-22	14/610,473	2015-01-30
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Granted	9,907,482	2018-03- 06	14/746,440	2015-06-22
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Published			15/044,488	2016-02-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEMS AND METHODS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Allowed			15/880,236	2018-01-25
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Brazil	Application			BR112014030219	2014-03-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	China	Granted	201480001432.2	2017-03-08	201480001432.2	2014-03-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	China	Granted	107095667	2020-04-24	201710130134.9	2017-03-07
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Germany (Federal Republic of)	Granted	602014025307.5	2018-05-09	14774102.9	2014-03-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	European Patent	Published			18158088.7	2014-03-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Spain	Granted	2967407	2018-05-09	14774102.9	2014-03-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	France	Granted	2967407	2018-05-09	14774102.9	2014-03-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United Kingdom	Granted	2967407	2018-05-09	14774102.9	2014-03-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Hong Kong	Published			18102641.9	2018-02-23
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	India	Published			10100/DELNP/2014	2014-03-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Italy	Granted	2967407	2018-05-09	502018000023257	2014-03-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Japan	Granted	6080278	2017-01-27	2015-524516	2014-03-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Japan	Granted	6279114	2018-01-26	2017-004227	2014-03-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Japan	Granted	6447852	2018-12-14	2018-004809	2014-03-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Mexico	Granted	341321	2016-08-15	MX/a/2014/014739	2014-03-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Granted	9,320,450	2016-04-26	13/829,849	2013-03-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Granted	9,668,694	2017-06-06	15/078,547	2016-03-23

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Published			15/584,258	2017-05-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Granted	9,622,702	2017-04-18	14/293,557	2014-06-02
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Granted	9,622,703	2017-04-18	14/859,871	2015-09-21
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Published			15/449,564	2017-03-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	China	Granted	106163393	2020-03-13	201580013245	2015-03-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	China	Application			202010096325.X	2015-03-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	European Patent	Published			15761746.5	2015-03-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United Kingdom	Published			1614625	2015-03-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Hong Kong	Published			17105041.9	2017-05-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Israel	Allowed			247734	2015-03-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	India	Application			201617023931	2015-03-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Japan	Granted	6332709	2018-05-11	2016-554396	2015-03-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Japan	Granted	6659176	2020-02-10	2017-199248	2015-03-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Japan	Application			2020-017327	2015-03-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	Mexico	Granted	367178	2019-08-07	MX/a/2016/009407	2015-03-10
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Granted	9,398,864	2016-07-26	14/206,529	2014-03-12
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA	United States of America	Published			15/192,659	2016-06-24
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR ESTIMATING PREVALENCE OF DIGITAL CONTENT ON THE WORLD-WIDE-WEB	United States of America	Granted	8,661,111	2014-02-25	09/695,216	2000-10-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR ESTIMATING PREVALENCE OF DIGITAL CONTENT ON THE WORLD-WIDE-WEB	United States of America	Granted	9,514,479	2016-12-06	14/147,618	2014-01-06
The Nielsen Company (US), LLC	COMPUTER IMPLEMENTED METHODS FOR DATA MINING AND THE PRESENTATIO N OF BUSINESS MATRICS FOR ANALYSIS	United States of America	Granted	6,611,839	2003-08-26	09/810,389	2001-03-15
The Nielsen Company (US), LLC	METHODS FOR DYNAMICALLY ACCESSING, PROCESSING, AND PRESENTING DATA AQUIRED FROM DISAPARATE DATA SOURCES	United States of America	Granted	6,643,635	2003-11-04	09/810,676	2001-03-15
The Nielsen Company (US), LLC	METHODS FOR DYNAMICALLY ACCESSING, PROCESSING, AND PRESENTING DATA AQUIRED FROM DISAPARATE DATA SOURCES	United States of America	Granted	6,959,306	2005-10-25	10/654,541	2003-09-02
The Nielsen Company (US), LLC	METHODS AND ABSTRACTING DATA FROM VARIOUS DATA STRUCTURES AND MANAGEING THE PRESENTATION OF THE DATA	United States of America	Granted	6,775,675	2004-08-10	09/826,618	2001-04-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR MONITORING SECURE DATA ON A NETWORK	United States of America	Granted	8,271,778	2012-09- 18	10/202,338	2002-07-24
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR MONITORING SECURE DATA ON A NETWORK	United States of America	Granted	8,799,643	2014-08-05	13/618,448	2012-09-14
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR MONITORING SECURE DATA ON A NETWORK	United States of America	Granted	9,401,897	2016-07-26	14/451,224	2014-08-04

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Detecting Channel Change in Automatic Content Recognition Fingerprint Matching	China	Granted	107852252	2019-10-22	201680043941.0	2016-05-26
The Nielsen Company (US), LLC	Detecting Channel Change in Automatic Content Recognition Fingerprint Matching	China	Published			201910904897.3	2016-05-26
The Nielsen Company (US), LLC	Detecting Channel Change in Automatic Content Recognition Fingerprint Matching	China	Published			201910905526.7	2019-09-24
The Nielsen Company (US), LLC	Detecting Channel Change in Automatic Content Recognition Fingerprint Matching	European Patent	Published			16808025.7	2016-05-26
The Nielsen Company (US), LLC	Detecting Channel Change in Automatic Content Recognition Fingerprint Matching	Hong Kong	Application			42020004698.5	2020-03-23
The Nielsen Company (US), LLC	Detecting Channel Change in Automatic Content Recognition Fingerprint Matching	Hong Kong	Application			42020004690.2	2020-03-23
The Nielsen Company (US), LLC	Detecting Channel Change in Automatic Content Recognition Fingerprint Matching	Japan	Granted	6672454	2020-03-06	2018-517124	2016-05-26
The Nielsen Company (US), LLC	Detecting Channel Change in Automatic Content Recognition Fingerprint Matching	Japan	Published			2019-094709	2016-05-26
The Nielsen Company (US), LLC	Detecting Channel Change in Automatic Content Recognition Fingerprint Matching	Korea, Republic of (KR)	Granted	10-2054912	2019-12-05	10-2018-7001098	2016-05-26
The Nielsen Company (US), LLC	Detecting Channel Change in Automatic Content Recognition Fingerprint Matching	Korea, Republic of (KR)	Application			10-2019-7036058	2016-05-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Sequentially Overlaying Media Content	China	Published			201680063089.3	2016-09-27
The Nielsen Company (US), LLC	Sequentially Overlaying Media Content	United Kingdom	Published			1805115.1	2016-09-27
The Nielsen Company (US), LLC	Sequentially Overlaying Media Content	Hong Kong	Published			19101474.2	2016-09-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Sequentially Overlaying Media Content	Korea, Republic of (KR)	Granted	2076642		10-2018-7012371	2016-09-27
The Nielsen Company (US), LLC	Sequentially Overlaying Media Content	Korea, Republic of (KR)	Application			10-2020-7003558	2020-02-06
The Nielsen Company (US), LLC	Sequentially Overlaying Media Content	Mexico	Published			MX/a/2018/003808	2016-09-27
The Nielsen Company (US), LLC	Frequency Capping for Multimedia Content	China	Published			201680062705.3	2016-09-27
The Nielsen Company (US), LLC	Frequency Capping for Multimedia Content	United Kingdom	Published			1805116.9	2016-09-27
The Nielsen Company (US), LLC	Frequency Capping for Multimedia Content	Hong Kong	Published			19101472.4	2016-09-27

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Frequency Capping for Multimedia Content	Korea, Republic of (KR)	Granted	10-1993913	2019-06-21	10-2018-7012363	2016-09-27
The Nielsen Company (US), LLC	Frequency Capping for Multimedia Content	Korea, Republic of (KR)	Application			10-2019-7017960	2018-09-27
The Nielsen Company (US), LLC	Frequency Capping for Multimedia Content	Mexico	Application			MX/a/2018/003807	2016-09-27
The Nielsen Company (US), LLC	Dynamic Video Advertisement Replacement	China	Published			201680057676.1	2016-08-16
The Nielsen Company (US), LLC	Dynamic Video Advertisement Replacement	United Kingdom	Published			1805117.7	2016-08-16
The Nielsen Company (US), LLC	Dynamic Video Advertisement Replacement	Korea, Republic of (KR)	Granted	10-2075512	2020-02-04	10-2018-7009915	2016-08-16
The Nielsen Company (US), LLC	Dynamic Video Advertisement Replacement	Korea, Republic of (KR)	Application			10-2020-7003289	2020-02-04
The Nielsen Company (US), LLC	Dynamic Video Advertisement Replacement	Mexico	Application			MX/a/2018/002966	2016-08-16

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Media Content Matching and Indexing	China	Published			201680062405.5	2016-09-27
The Nielsen Company (US), LLC	Media Content Matching and Indexing	United Kingdom	Published			1805125.0	2016-09-27
The Nielsen Company (US), LLC	Media Content Matching and Indexing	Hong Kong	Published			19101473.3	2016-09-27
The Nielsen Company (US), LLC	Media Content Matching and Indexing	Korea, Republic of (KR)	Granted	10-2083996	2020-02-26	10-2018-7014587	2016-09-27
The Nielsen Company (US), LLC	Media Content Matching and Indexing	Korea, Republi	Application			10-2020-7005598	2020-02-26

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
		c of (KR)					
The Nielsen Company (US), LLC	Media Content Matching and Indexing	Mexico	Application			MX/a/2018/003806	2016-09-27
The Nielsen Company (US), LLC	Digital Overlay Offers on Connected Media Devices	China	Published			201680054373.4	2016-09-13
The Nielsen Company (US), LLC	Digital Overlay Offers on Connected Media Devices	United Kingdom	Published			1805114.4	2016-09-13
The Nielsen Company (US), LLC	Digital Overlay Offers on Connected Media Devices	Korea, Republic of (KR)	Published			10-2018-7010846	2016-09-13
The Nielsen Company (US), LLC	Digital Overlay Offers on Connected Media Devices	Mexico	Application			MX/a/2018/003399	2016-09-13

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Fingerprint Layouts for Content Fingerprinting	China	Published			201780064956.X	2017-03-09
The Nielsen Company (US), LLC	Fingerprint Layouts for Content Fingerprinting	European Patent	Published			17844056.6	2017-03-09
The Nielsen Company (US), LLC	Fingerprint Layouts for Content Fingerprinting	Hong Kong	Published			19127286.3	2017-03-09
The Nielsen Company (US), LLC	Fingerprint Layouts for Content Fingerprinting	Japan	Published			2019-511582	2017-03-09

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Fingerprint Layouts for Content Fingerprinting	Korea, Republic of (KR)	Application			2019-7007862	2017-03-09
The Nielsen Company (US), LLC	Automatic Content Recognition Fingerprint Sequence Matching	China	Published			201680023388.4	2016-04-21
The Nielsen Company (US), LLC	Automatic Content Recognition Fingerprint Sequence Matching	European Patent	Published			16783829.1	2016-04-21
The Nielsen Company (US), LLC	Automatic Content Recognition Fingerprint Sequence Matching	Japan	Granted	6438628	2018-11-22	2018-506796	2016-04-21
The Nielsen Company (US), LLC	Automatic Content Recognition	Korea, Republi	Granted	10-2063117	2019-12-31	10-2017-7033908	2016-04-21

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	Fingerprint Sequence Matching	c of (KR)					
The Nielsen Company (US), LLC	Automatic Content Recognition Fingerprint Sequence Matching	Korea, Republic of (KR)	Application			10-2019-7038947	2019-12-31
The Nielsen Company (US), LLC	Automatic Content Recognition Fingerprint Sequence Matching	China	Published			201680023473.0	2016-04-25
The Nielsen Company (US), LLC	Automatic Content Recognition Fingerprint Sequence Matching	European Patent	Published			16784091.7	2016-04-25
The Nielsen Company (US), LLC	Automatic Content Recognition Fingerprint Sequence Matching	Japan	Granted	6612432	2019-11-08	2018-506816	2016-04-25
The Nielsen Company (US), LLC	Automatic Content Recognition Fingerprint Sequence Matching	Japan	Published			2019-197011	2019-10-30

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Targeted Content Placement Using Overlays	China	Published			201880022785.9	2018-03-28
The Nielsen Company (US), LLC	Targeted Content Placement Using Overlays	European Patent	Published			18717816.5	2018-03-28
The Nielsen Company (US), LLC	Targeted Content Placement Using Overlays	Japan	Published			2019-553182	2018-03-28
The Nielsen Company (US), LLC	Targeted Content Placement Using Overlays	Korea, Republic of (KR)	Application			2019-7028430	2018-03-28
The Nielsen Company (US), LLC	Enabling Interactive Control of Live Television Broadcast Streams	Korea, Republic of (KR)	Application			2019-7027609	2018-03-23

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Cold Matching by Automatic Content Recognition	Australia	Application			2018331314	2018-09-10
The Nielsen Company (US), LLC	Cold Matching by Automatic Content Recognition	Brazil	Application			112020005084 9	2018-09-10
The Nielsen Company (US), LLC	Cold Matching by Automatic Content Recognition	Canada	Application			3075730	2018-09-10
The Nielsen Company (US), LLC	Cold Matching by Automatic Content Recognition	China	Application			201880059344.6	2018-09-10
The Nielsen Company (US), LLC	Cold Matching by Automatic Content Recognition	European Patent	Application			18782578.1	2018-09-10
The Nielsen Company (US), LLC	Cold Matching by Automatic Content Recognition	Japan	Application			2020-515170	2018-09-10
The Nielsen Company (US), LLC	Cold Matching by Automatic Content Recognition	Korea, Republic of (KR)	Application			2020-7010283	2018-09-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Flagging Advertisement Frames for Automatic Content Recognition	Australia	Application			2018331308	2018-09-10
The Nielsen Company (US), LLC	Flagging Advertisement Frames for Automatic Content Recognition	Brazil	Application			112020005086 5	2018-09-10
The Nielsen Company (US), LLC	Flagging Advertisement Frames for Automatic Content Recognition	Canada	Application			3075620	2018-09-10
The Nielsen Company (US), LLC	Flagging Advertisement Frames for Automatic Content Recognition	China	Published			201880059810.0	2018-09-10
The Nielsen Company (US), LLC	Flagging Advertisement Frames for Automatic Content Recognition	European Patent	Application			18782247.3	2018-09-10
The Nielsen Company (US), LLC	Flagging Advertisement Frames for Automatic Content Recognition	Japan	Application			2020-515215	2018-09-10
The Nielsen Company (US), LLC	Flagging Advertisement Frames for Automatic Content Recognition	Korea, Republic of (KR)	Application			2020-7008760	2018-09-10

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Frame Certainty for Automatic Content Recognition	China	Published			201880025752.X	2018-06-29
The Nielsen Company (US), LLC	Frame Certainty for Automatic Content Recognition	European Patent	Published			18752314.7	2018-06-29
The Nielsen Company (US), LLC	Frame Certainty for Automatic Content Recognition	Japan	Published			2019-552201	2018-06-29
The Nielsen Company (US), LLC	Frame Certainty for Automatic Content Recognition	Korea, Republic of (KR)	Application			2019-7027218	2018-06-29
The Nielsen Company (US), LLC	System and Method for Collection and Redistribution of Video Conferences	United States of America	Granted	7,583,286	2009-09-01	10/831,430	2004-04-23

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Content Modification System with Responsive Transmission of Reference Fingerprint Data Feature	Taiwan	Application			109115458	2020-05-08

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING MARKET-SHARE FOR AN ENTIRE TELECOMMUNICATION MARKET	United States of America	Granted	7,933,392	2011-04-26	11/445,069	2006-05-31
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING MARKET-SHARE FOR AN ENTIRE TELECOMMUNICATION MARKET	United States of America	Granted	8,433,047	2013-04-30	12/911,044	2010-10-25
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR PROVIDING MARKET ANALYSIS FOR WIRELESS VOICE MARKETS	United States of America	Granted	7,991,661	2011-08-02	11/732,758	2007-04-03
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR PROVIDING MARKET ANALYSIS FOR WIRELESS DATA MARKETS	United States of America	Granted	7,987,123	2011-07-26	11/732,613	2007-04-03
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR COLLECTING WIRELESS INFORMATION TRANSPARENTLY AND NON-INTRUSIVELY	United States of America	Granted	8,014,726	2011-09-06	11/809,464	2007-05-31
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR COLLECTING WIRELESS	United States of America	Granted	8,538,343	2013-09-17	13/218,109	2011-08-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	INFORMATION TRANSPARENTLY AND NON-INTRUSIVELY						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT WIRELESS INFORMATION	United States of America	Granted	9,008,586	2015-04-14	14/026,777	2013-09-13
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT WIRELESS INFORMATION	United States of America	Granted	9,432,868	2016-08-30	14/681,881	2015-04-08
The Nielsen Company (US), LLC	METHOD AND APPARATUS FOR COLLECTING INFORMATION ABOUT PORTABLE DEVICE USAGE	United States of America	Granted	8,260,252	2012-09-04	11/824,276	2007-06-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR COLLECTING INFORMATION ABOUT PORTABLE DEVICE USAGE	United States of America	Granted	8,463,233	2013-06-11	13/563,147	2012-07-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR COLLECTING INFORMATION ABOUT PORTABLE DEVICE USAGE	United States of America	Granted	9,225,845	2015-12-29	13/914,278	2013-06-10
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR GENERATING INFORMATION ABOUT PORTABLE DEVICE ADVERTISING	United States of America	Granted	10,169,781	2019-01-01	11/805,497	2007-05-22

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPARATUS FOR GENERATING INFORMATION ABOUT PORTABLE DEVICE ADVERTISING	United States of America	Published			16/215,134	2018-12-10
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR COLLECTING DATA ON A WIRELESS DEVICE	United States of America	Granted	8,321,556	2012-11-27	11/825,933	2007-07-09
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR COLLECTING DATA ON A WIRELESS DEVICE	United States of America	Granted	9,203,642	2015-12-01	13/685,689	2012-11-26
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR MOBILE DEVICES	United States of America	Granted	8,503,991	2013-08-06	12/418,266	2009-04-03
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MARKET SHARE FOR VOICE OVER INTERNET PROTOCOL CARRIERS	Germany (Federal Republic of)	Granted	602009035503.1	2016-01-06	09012467.8-2413	2009-10-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MARKET SHARE FOR VOICE OVER INTERNET PROTOCOL CARRIERS	France	Granted	2178285	2016-01-06	09012467.8-2413	2009-10-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MARKET SHARE FOR VOICE OVER INTERNET	Italy	Granted	2178285	2016-01-06	09012467.8-2413	2009-10-01

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	PROTOCOL CARRIERS						
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MARKET SHARE FOR VOICE OVER INTERNET PROTOCOL CARRIERS	United States of America	Granted	8,279,852	2012-10-02	12/243,633	2008-10-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MARKET SHARE FOR VOICE OVER INTERNET PROTOCOL CARRIERS	United States of America	Granted	8,824,459	2014-09-02	13/616,650	2012-09-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR SUBSCRIBER ACTIVITY	Brazil	Published			PI0917969-0	2009-09-30
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR SUBSCRIBER ACTIVITY	European Patent	Application			20152876.7	2009-10-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR SUBSCRIBER ACTIVITY	United States of America	Granted	8,837,699	2014-09-16	12/243,699	2008-10-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MONITOR SUBSCRIBER ACTIVITY	United States of America	Granted	9,509,839	2016-11-29	14/486,627	2014-09-15
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR GATHERING DATA FROM WIRELESS	Taiwan	Granted	164958	2003-03-04	89104890	2000-08-25

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	COMMUNCATION S NETWORKS						
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR GATHERING DATA FROM WIRELESS COMMUNICATION S NETWORKS	United States of America	Granted	7,013,136	2006-03-14	10/230,525	2002-08-28
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR GATHERING DATA FROM WIRELESS COMMUNICATION S NETWORKS	United States of America	Granted	7,505,765	2009-03-17	11/362,378	2006-02-24
The Nielsen Company (US), LLC	MONITORING OF NETWORK PERFORMANCE S IN A MOBILE NETWORK	Germany (Federal Republi	Granted	1374481	2005-11-23	60115294.8	2001-07-06
The Nielsen Company (US), LLC	MONITORING OF NETWORK PERFORMANCE S IN A MOBILE NETWORK	United Kingdom	Granted	1374481	2005-11-23	1984202	2001-07-06
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR MEASURING DATA QUALITY OF SERVICE IN A WIRELESS NETWORK USING MULTIPLE REMOTE UNITS AND A BACK END PROCESSOR	United States of America	Granted	6,928,280	2005-08-09	09/550,955	2000-04-17
The Nielsen Company (US), LLC	BITWISE MONITORING OF NETWORK PERFORMANCE	United States of America	Granted	7,319,847	2008-01-15	09/899,955	2001-07-06
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR MEASURING	Canada	Granted	2,420,238	2011-05-31	2,420,238	2001-08-31

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
	WIRELESS DEVICE AND NETWORK USAGE AND PERFORMANCE METRICS						
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR MEASURING WIRELESS DEVICE AND NETWORK USAGE AND PERFORMANCE METRICS	China	Granted	ZL018164 36.6	2009-08-05	1816436.6	2001-08-31
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR MEASURING WIRELESS DEVICE AND NETWORK USAGE AND PERFORMANCE METRICS	China	Granted	CN101605 149B	2013-01-02	20091014532 1.X	2001-08-31
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR MEASURING WIRELESS DEVICE AND NETWORK USAGE AND PERFORMANCE METRICS	Hong Kong	Granted	HK11352 54	2013-10-04	10101663.3	2010-02-12
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR MEASURING WIRELESS DEVICE AND NETWORK USAGE AND PERFORMANCE METRICS	United States of America	Granted	6,745,011	2004-06-01	09/654,486	2000-09-01
The Nielsen Company (US), LLC	SYSTEM AND METHOD FOR MEASURING WIRELESS DEVICE AND NETWORK USAGE AND PERFORMANCE METRICS	United States of America	Granted	6,754,470	2004-06-22	09/944,843	2001-08-31

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	METHODS AND APPRATUS TO COLLECT BROADBAND MARKET DATA	Australia	Granted	2013203834	2016-02-04	2013203834	2013-04-11
The Nielsen Company (US), LLC	METHODS AND APPRATUS TO MEASURE BROADBAND MARKET DATA	United States of America	Granted	8,280,996	2012-10-02	12/576,805	2009-10-09
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO COLLECT BROADBAND MARKET DATA	United States of America	Granted	9,189,796	2015-11-17	13/616,693	2012-09-14
The Nielsen Company (US), LLC	METHOD AND SYSTEM FOR COLLECTING AND ANALYZING MARKET DATA IN A MOBILE COMMUNICATIONS SYSTEM	United States of America	Granted	8,639,557	2014-01-28	10/237,478	2002-09-06
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY WIRELESS CARRIER PERFORMANCE EFFECTS	United States of America	Granted	8,285,218	2012-10-09	12/550,752	2009-08-31
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY WIRELESS CARRIER PERFORMANCE EFFECTS	United States of America	Granted	8,688,053	2014-04-01	13/616,714	2012-09-14
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY WIRELESS CARRIER PERFORMANCE EFFECTS	United States of America	Granted	9,185,589	2015-11-10	14/138,907	2013-12-23

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	ACTIVITY-BASED FLOWSHARE MEASUREMENT	United States of America	Granted	8,369,826	2013-02-05	12/406,538	2009-03-18
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO IDENTIFY WIRELESS SUBSCRIBER ACTIVITY STATUS	United States of America	Granted	8,792,855	2014-07-29	13/757,255	2013-02-01
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MARKET STATISTICS	Australia	Granted	2010208227	2014-09-25	2010208227	2010-01-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MARKET STATISTICS	United States of America	Granted	9,129,293	2015-09-08	12/695,793	2010-01-28
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MARKET STATISTICS	United States of America	Granted	10,484,277	2019-11-19	14/845,608	2015-09-04
The Nielsen Company (US), LLC	METHODS AND APPARATUS TO MEASURE MARKET STATISTICS	United States of America	Application			16/682,636	2019-11-13
The Nielsen Company (US), LLC	METHOD FOR APPARATUS FOR MEASURING COMMUNICATION MARKET STATISTICS	China	Granted	201010206959.2	2013-12-25	201010206959.2	2010-06-07
The Nielsen Company (US), LLC	WIRELESS NETWORK MONITORING	United States of America	Granted	6,807,515	2004-10-19	09/953,488	2001-09-14
The Nielsen Company (US), LLC	WIRELESS NETWORK MONITORING	United States of America	Granted	7,359,835	2008-04-15	10/966,850	2004-10-15
The Nielsen Company (US), LLC	WIRELESS NETWORK MONITORING	United States of America	Granted	7,835,886	2010-11-16	12/044,675	2008-03-07

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Content-Modification System with Responsive Transmission of Reference Fingerprint Data Feature	Taiwan	Application			109115458	5/8/2020
The Nielsen Company (US), LLC	Content-Modification System with Determination of Input-Buffer Switch Delay Feature	Taiwan	Application			109115457	5/8/2020
The Nielsen Company (US), LLC	Content-Modification System with Determination of Input-Buffer Switch Delay Feature	Patent Cooperation Treaty	Application			PCT/US2020/03120	5/8/2020

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Content Modification System with Fingerprint Data Match and Mismatch Detection Feature	Taiwan	Application			109115459	5/8/2020
The Nielsen Company (US), LLC	Content-Modification System with Use of Multiple Fingerprint Data Types Feature	Taiwan	Application			109115461	5/8/2020
The Nielsen Company (US), LLC	Content Modification System with Issue Detection and Responsive Action Feature	Taiwan	Application			109115462	5/8/2020
The Nielsen Company (US), LLC	Content-Modification System with Volume Level Adjustment Feature	Taiwan	Application			109115456	5/8/2020

Owner	Patent	Country	Status	Patent Number	Grant Date	App. Number	App. Date
The Nielsen Company (US), LLC	Content-Modification System with Responsive Transmission of Reference Fingerprint Data Feature	Taiwan	Application			109115460	5/8/2020
The Nielsen Company	COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS	European Patent	Application			20156296.4	2005-04-19

Schedule of Patents
Reel/Frame: 019817/0774

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
1.	NETRATINGS, INC.	METHOD AND APPARATUS FOR TRACKING CLIENT INTERACTION WITH A NETWORK	10864071	06/08/2004		
2.	NETRATINGS, INC.	SYSTEM AND METHOD FOR MONITORING THE USE OF A RESOURCE BY A CLIENT	10653696	09/02/2003		
3.	NETRATINGS, INC.	METHOD AND SYSTEM OF MEASURING AND RECORDING USER DATA IN A COMMUNICATIONS NETWORK	10544118	04/18/2007		
4.	NETRATINGS, INC.	SYSTEM AND METHOD FOR MONITORING SECURE DATA ON A NETWORK	10202338	07/24/2002		
5.	NETRATINGS, INC.	METHOD OF OPTIMISING CONTENT PRESENTED TO A USER WITHIN A COMMUNICATION NETWORK	10477979	11/01/2004		
6.	NETRATINGS, INC.	METHOD FOR MEASURING AND ANALYSING AUDIENCE ON COMMUNICATION NETWORKS	10148370	10/10/2002		
7.	NETRATINGS, INC.	SYSTEM AND METHOD FOR ESTIMATING PREVALENCE OF DIGITAL CONTENT ON THE WORLDWIDE-WEB	11144110	06/03/2005		
8.	NETRATINGS, INC.	SYSTEM AND METHOD FOR ESTIMATING PREVALENCE OF DIGITAL CONTENT ON THE WORLD-WIDE-WEB	09695216	10/25/2000		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
9.	NETRATINGS, INC.	METHOD AND APPARATUS FOR TRACKING CLIENT INTERACTION WITH A NETWORK RESOURCE AND CREATING CLIENT PROFILES AND RESOURCE DATABASE	08821534	03/21/1997	5796952	08/18/1998
10.	NETRATINGS, INC.	METHOD AND APPARATUS FOR TRACKING CLIENT INTERACTION WITH A NETWORK RESOURCE AND CREATING CLIENT INTERACTIONS WITH A NETWORK RESOURCE AND CREATING CLIENT PROFILES AND RESOURCE DATABASE	09120376	07/21/1998	6138155	10/24/2000
11.	NETRATINGS, INC.	METHOD AND APPARATUS FOR TRACKING CLIENT INTERACTION WITH A NETWORK RESOURCE AND CREATING CLIENT PROFILES AND RESOURCE DATABASE	09210235	12/11/1998	6643696	11/04/2003
12.	NETRATINGS, INC.	METHOD AND APPARATUS FOR TRACKING CLIENT INTERACTION WITH A NETWORK RESOURCE DOWNLOADED FROM A SERVER	10224766	08/20/2002	6763386	07/13/2004
13.	NETRATINGS, INC.	METHODS FOR DYNAMICALLY ACCESSING, PROCESSING, AND PRESENTING DATA ACQUIRED FROM DISPARATE DATA SOURCES	09810676	03/15/2001	6643635	11/04/2003
14.	NETRATINGS, INC.	COMPUTER IMPLEMENTED METHODS FOR DATA MINING AND THE PRESENTATION OF BUSINESS METRICS FOR ANALYSIS	09810389	03/15/2001	6611839	08/26/2003

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
15.	NETRATINGS, INC.	METHODS FOR ABSTRACTING DATA FROM VARIOUS DATA STRUCTURES AND MANAGING THE PRESENTATION OF THE DATA	09826618	04/04/2001	6775675	08/10/2004
16.	NETRATINGS, INC.	METHODS FOR DYNAMICALLY ACCESSING. PROCESSING, AND PRESENTING DATA ACQUIRED FROM DISPARATE DATA SOURCES	10654541	09/02/2003	6959306	10/25/2005

17.	COMSCORE, INC.	CONTENT DISPLAY MONITOR	08707279	09/03/1996	6108637	08/22/2000