

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6283371

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
SHAZAM INVESTMENTS LIMITED		05/07/2020
RECEIVING PARTY DATA		
Name:	APPLE INC.	
Street Address:	ONE APPLE PARK WAY	
City:	CUPERTINO	
State/Country:	CALIFORNIA	
Postal Code:	95014	
PROPERTY NUMBERS Total: 43		
Property Type	Number	
Patent Number:	8090579	
Patent Number:	8571864	
Patent Number:	9092518	
Application Number:	60651010	
Patent Number:	6990453	
Patent Number:	7853664	
Patent Number:	7346512	
Patent Number:	7865368	
Patent Number:	8190435	
Patent Number:	8386258	
Patent Number:	8700407	
Patent Number:	9401154	
Patent Number:	9899030	
Patent Number:	10497378	
Patent Number:	8725829	
Application Number:	60222023	
Patent Number:	7986913	
Patent Number:	8290423	
Patent Number:	8811855	
Patent Number:	9071371	

PATENT

Property Type	Number
Patent Number:	9225444
Application Number:	60545879
Application Number:	09734949
Patent Number:	8015123
Patent Number:	8688600
Patent Number:	9721287
Patent Number:	7359889
Application Number:	60273146
Patent Number:	8688248
Application Number:	14216142
Patent Number:	7739062
Application Number:	60582498
Patent Number:	9451048
Application Number:	13837222
Patent Number:	9390170
Patent Number:	9773058
Application Number:	14535666
Patent Number:	10129575
Application Number:	16156673
Patent Number:	10158907
Application Number:	16222481
Patent Number:	10166472
Application Number:	16232838

CORRESPONDENCE DATA

Fax Number: (713)228-6605

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	119-1689+_SHAZAM_INVEST
NAME OF SUBMITTER:	DANIEL R. PETERSON
SIGNATURE:	/Daniel R. Peterson/
DATE SIGNED:	09/03/2020

Total Attachments: 20

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ASSIGNMENT

This Assignment is made by **Shazam Investments Limited**, a private limited company duly organized under the laws of England and Wales and having an address at 100 New Bridge Street, London, United Kingdom, EC4V 6JA (hereinafter the "Assignor");

WHEREAS, Assignor is the owner of all of the worldwide rights, title and interest in and to the patents and patent applications set forth on Schedule A hereto (hereinafter the "Listed Patents and Applications");

WHEREAS, **Apple Inc.**, a corporation duly organized under and pursuant to the laws of the State of California, and having a principal place of business at One Apple Park Way, Cupertino, California 95014 (hereinafter the "Assignee"), is desirous of acquiring the entire worldwide right, title and interest in and to said Listed Patents and Applications and the Assigned Patents and Applications (as defined below);

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, said Assignor has sold, assigned, transferred and convey, and by this Assignment does hereby sell, assign, transfer and convey, unto said Assignee, its successors, legal representatives and assigns, Assignor's entire worldwide right, title and interest in and to the above-mentioned Listed Patents and Applications, and in and to any and all (a) applications (including, but not limited to, provisional applications) and patents from or to which any Listed Patents and Applications claim priority (in whole or in part) or that share common priority (in whole or in part) with any Listed Patents and Applications, (b) divisionals, continuations, continuations-in-part and foreign counterparts of any of the foregoing, (c) patents granted for, on, or extending any of any of the foregoing, (d) other types of patents, including, but not limited to, design patents, utility models, or other types of patents that derive from, extend, or claim priority based on any of any of the foregoing, (e) reissues, reexaminations and extensions of any of the foregoing, and (f) inventions described in any of the foregoing (collectively, the "Assigned Patents and Applications"), together with all rights under international treaties relating to intellectual property, including, but not limited to, the Paris Convention for the Protection of Industrial Property and the Patent Cooperation Treaty, and to claim all rights of priority resulting from the filing of any of the foregoing, all of the foregoing to be held and enjoyed by said Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms of any and all Assigned Patents and Applications for which patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale and assignment not been made. Assignor does hereby sell, assign, transfer, and convey to Assignee, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the Assigned Patents and Applications that may have accrued prior to the date of assignment to Assignee, or may accrue hereafter including, but not limited to, the right to sue for, collect, and retain damages for past, present and future infringement of any of the said Assigned Patents and Applications before or after issuance. To the extent that Schedule A hereto contains any typographical or administrative error but it is clear which patent or patent application was intended to be included in the sale, assignment, transfer and conveyance under this Assignment, Assignor and Assignee each acknowledge and agree that the intended patent or patent application is hereby sold, assigned, transferred and conveyed, along with all other rights, privileges and claims enumerated above with respect to such intended patent or patent application.

IN TESTIMONY WHEREOF,

Shazam Investments Limited

By: P. R. Denwood

Name Peter R. Denwood

Title: Director

Date: 5/7/2020

Apple Inc.

By: _____

Name: Jeffrey L. Myers

Title: Assistant Secretary

Date: _____

ASSIGNMENT

This Assignment is made by **Shazam Investments Limited**, a private limited company duly organized under the laws of England and Wales and having an address at 100 New Bridge Street, London, United Kingdom, EC4V 6JA (hereinafter the "Assignor");

WHEREAS, Assignor is the owner of all of the worldwide rights, title and interest in and to the patents and patent applications set forth on Schedule A hereto (hereinafter the "Listed Patents and Applications");

WHEREAS, **Apple Inc.**, a corporation duly organized under and pursuant to the laws of the State of California, and having a principal place of business at One Apple Park Way, Cupertino, California 95014 (hereinafter the "Assignee"), is desirous of acquiring the entire worldwide right, title and interest in and to said Listed Patents and Applications and the Assigned Patents and Applications (as defined below);

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, said Assignor has sold, assigned, transferred and convey, and by this Assignment does hereby sell, assign, transfer and convey, unto said Assignee, its successors, legal representatives and assigns, Assignor's entire worldwide right, title and interest in and to the above-mentioned Listed Patents and Applications, and in and to any and all (a) applications (including, but not limited to, provisional applications) and patents from or to which any Listed Patents and Applications claim priority (in whole or in part) or that share common priority (in whole or in part) with any Listed Patents and Applications, (b) divisionals, continuations, continuations-in-part and foreign counterparts of any of the foregoing, (c) patents granted for, on, or extending any of any of the foregoing, (d) other types of patents, including, but not limited to, design patents, utility models, or other types of patents that derive from, extend, or claim priority based on any of any of the foregoing, (e) reissues, reexaminations and extensions of any of the foregoing, and (f) inventions described in any of the foregoing (collectively, the "Assigned Patents and Applications"), together with all rights under international treaties relating to intellectual property, including, but not limited to, the Paris Convention for the Protection of Industrial Property and the Patent Cooperation Treaty, and to claim all rights of priority resulting from the filing of any of the foregoing, all of the foregoing to be held and enjoyed by said Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms of any and all Assigned Patents and Applications for which patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale and assignment not been made. Assignor does hereby sell, assign, transfer, and convey to Assignee, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the Assigned Patents and Applications that may have accrued prior to the date of assignment to Assignee, or may accrue hereafter including, but not limited to, the right to sue for, collect, and retain damages for past, present and future infringement of any of the said Assigned Patents and Applications before or after issuance. To the extent that Schedule A hereto contains any typographical or administrative error but it is clear which patent or patent application was intended to be included in the sale, assignment, transfer and conveyance under this Assignment, Assignor and Assignee each acknowledge and agree that the intended patent or patent application is hereby sold, assigned, transferred and conveyed, along with all other rights, privileges and claims enumerated above with respect to such intended patent or patent application.

IN TESTIMONY WHEREOF,

Shazam Investments Limited

Apple Inc.

By: P.R. DenwoodBy: Jeffrey L. MyersName Peter R. DenwoodName: Jeffrey L. MyersTitle: DirectorTitle: Assistant SecretaryDate: 5/7/2020Date: 5/20/2020

See Attached Notary

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Contra Costa

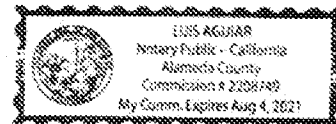
On May 20, 2020 before me, Luis Aguiar, Notary Public
(insert name and title of the officer)

personally appeared Jeffrey L. Myers
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Luis Aguiar (Seal)



SCHEDULE "A" to Assignment

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
Canada - (CA)	Utility	2595634	02/08/2006	2595634	12/30/2014			AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS
China P.R. - (CN)	Utility	200680004136.3	02/08/2006			CN101189658A	05/28/2008	AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS
European Patent Convention - (EP)	Utility	06720563.3	02/08/2006			1864243	12/12/2007	AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS
European Patent Convention - (EP)	Utility	11186629.9	02/08/2006	2437255	02/03/2016	2437255	04/04/2012	AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS
Spain - (ES)	Utility	06720563.3	02/08/2006	2437255	02/03/2016	2437255	04/04/2012	AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS
Great Britain - (GB)	Utility	06720563.3	02/08/2006			EP1864243	12/12/2007	AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS
Hong Kong - (HK)	Utility	12109770.3	02/08/2006	1169208	02/10/2017	1169208	01/18/2013	AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS
Italy - (IT)	Utility	11186629.9	02/08/2006	502016000032465	02/03/2016	2437255	04/04/2012	AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN

								AUDIO SIGNALS
Japan - (JP)	Utility	2007- 554350	02/08 /2006	5150266	12/07/2 012	2008- 530597	08/07/200 8	AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS
United States - (US)	Utility	11/350,254	02/08 /2006	8,090,57 9	01/03/ 2012	US-2006- 0277047- A1	12/07/200 6	AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS
United States - (US)	Utility	13/309,985	12/02/ 2011	8,571,864	10/29/2 013	US-2012- 0076310- A1	03/29/201 2	AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS
United States - (US)	Utility	14/064,552	10/28/ 2013	9,092,518	07/28/ 2015	US-2014- 0052284- A1	02/20/201 4	AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS
United States - (US)	Utility	60/651,010	02/08 /2005					AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS
Patent Coopera tion Treaty - (WO)	Utility	PCT/US20 06/004593	02/08 /2006			WO 2006/086 556	08/17/200 6	AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS
Austria - (AT)	Utility	01969535. 2	07/26 /2001	1307833	06/07/ 2006	1307833	05/07/200 3	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
Belgium - (BE)	Utility	01969535. 2	07/26 /2001	1307833	06/07/ 2006	1307833	05/07/200 3	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION

Brazil - (BR)	Utility	PI0112901- 5	07/26 /2001	PI0112901 -5	12/22/2 015	PI0112901 -5	06/10/200 3	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
Switzerla nd - (CH)	Utility	01969535. 2	07/26 /2001	1307833	06/07/ 2006	1307833	05/07/200 3	METHOD FOR SEARCHING IN AN AUDIO DATABASE
China P.R. - (CN)	Utility	01813565. X	07/26 /2001	ZL018135 65.X	09/08/ 2010	CN159290 6A	03/09/200 5	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
China P.R. - (CN)	Utility	200610172 572.3	07/26 /2001	ZL200610 172572.3	09/09/ 2009	CN199630 7A	07/11/200 7	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
Denmark - (DK)	Utility	01969535. 2	07/26 /2001	1307833	06/07/ 2006	1307833	05/07/200 3	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
Spain - (ES)	Utility	01969535. 2	07/26 /2001	1307833	06/07/ 2006	1307833	05/07/200 3	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
Finland - (FI)	Utility	01969535. 2	07/26 /2001	1307833	06/07/ 2006	1307833	05/07/200 3	A method for searching an audio database
Great Britain - (GB)	Utility	01969535. 2	07/26 /2001	1307833	06/07/ 2006	1307833	05/07/200 3	METHOD FOR SEARCH IN AN AUDIO DATABASE

Greece - (GR)	Utility	01969535. 2	07/26 /2001	1307833	06/07/ 2006	1307833	05/07/200 3	METHOD FOR SEARCH IN AN AUDIO DATABASE
Hong Kong - (HK)	Utility	03103440. 7	07/26 /2001	1051248	09/22/ 2006	1051248	07/25/200 3	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
Ireland - (IE)	Utility	01969535. 2	07/26 /2001	1307833	06/07/ 2006	1307833	05/07/200 3	METHOD FOR SEARCH IN AN AUDIO DATABASE
Japan - (JP)	Utility	2002- 516764	07/26 /2001	4945877	03/16/ 2012	2004- 505328	02/19/200 4	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
Republic of Korea - (KR)	Utility	10-2003- 07001489	07/26 /2001	10- 776495	11/07/2 007	10-2003- 0059085	07/07/200 3	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
Portugal - (PT)	Utility	01969535. 2	07/26 /2001	1307833	06/07/ 2006	1307833	05/07/200 3	METHOD FOR SEARCH IN AN AUDIO DATABASE
Sweden - (SE)	Utility	01969535. 2	07/26 /2001	1307833	06/07/ 2006	1307833	05/07/200 3	METHOD FOR SEARCH IN AN AUDIO DATABASE
United States - (US)	Utility	09/839,47 6	04/20 /2001	6,990,45 3	01/24/ 2006	US-2002- 0083060- A1	06/27/200 2	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
United States - (US)	Utility	09/671,571	09/27 /2000	7,853,66 4	12/14/2 010			METHOD AND SYSTEM FOR PURCHASING

								PRE-RECORDED MUSIC
United States - (US)	Utility	11/337,450	01/23/2006	7,346,512	03/18/2008	US-2006-0122839-A1	06/08/2006	METHODS FOR RECOGNIZING UNKNOWN MEDIA SAMPLES USING CHARACTERISTICS OF KNOWN MEDIA SAMPLES
United States - (US)	Utility	12/048,825	03/14/2008	7,865,368	01/04/2011	US-2008-0208891-A1	08/28/2008	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
United States - (US)	Utility	12/954,004	11/24/2010	8,190,435	05/29/2012	US-2011-0071838-A1	03/24/2011	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
United States - (US)	Utility	13/460,079	04/30/2012	8,386,258	02/26/2013	US-2012-0221131-A1	08/30/2012	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
United States - (US)	Utility	13/749,243	01/24/2013	8,700,407	04/15/2014	US-2013-0138442-A1	05/30/2013	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
United States - (US)	Utility	14/252,433	04/14/2014	9,401,154	07/26/2016	US-2014-0316787-A1	10/23/2014	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION

United States - (US)	Utility	15/213,969	07/19/2016	9,899,030	02/20/2018	US-2016-0328473-A1	11/10/2016	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
United States - (US)	Utility	15/877,955	01/23/2018	10,497,378	12/03/2019	US-2018-0374491-A1	12/27/2018	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
United States - (US)	Utility	10/831,945	04/26/2004	8,725,829	05/13/2014	US-2004-0199387-A1	10/07/2004	METHOD AND SYSTEM FOR IDENTIFYING SOUND SIGNALS
United States - (US)	Utility	60/222,023	07/31/2000					METHOD AND APPARATUS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
Patent Cooperation Treaty - (WO)	Utility	PCT/EP2001/008709	07/26/2001			WO 2002/011123	02/07/2002	SYSTEM AND METHODS FOR RECOGNIZING SOUND AND MUSIC SIGNALS IN HIGH NOISE AND DISTORTION
Patent Cooperation Treaty - (WO)	Utility	PCT/US2001/029728	06/24/2001			WO 2002/027600	04/24/2002	METHOD AND SYSTEM FOR PURCHASING PRE-RECORDED MUSIC
Canada - (CA)	Utility	2,556,552	02/18/2005	2,556,552	02/17/2015	2556552	09/01/2005	METHOD AND APPARATUS FOR IDENTIFICATION OF BROADCAST SOURCE
China P.R. - (CN)	Utility	200580008802.6	02/18/2005	ZL200580008802.6	04/06/2011	CN1998168A	07/11/2007	METHOD AND APPARATUS FOR IDENTIFICATION OF BROADCAST SOURCE

European Patent Convention - (EP)	Utility	05723304.1	02/18/2005			1719273	11/08/2006	METHOD AND APPARATUS FOR IDENTIFICATION OF BROADCAST SOURCE
European Patent Convention - (EP)	Utility	11184533.5	02/18/2005			2408126	01/18/2012	METHOD AND APPARATUS FOR IDENTIFICATION OF BROADCAST SOURCE
Hong Kong - (HK)	Utility	12106512.2	02/18/2005			1165755A	10/12/2012	METHOD AND APPARATUS FOR IDENTIFICATION OF BROADCAST SOURCE
United States - (US)	Utility	10/589,543	02/18/2005	7,986,913	07/26/2011	US-2007-0143777-A1	06/21/2007	METHOD AND APPARATUS FOR IDENTIFICATION OF BROADCAST SOURCE
United States - (US)	Utility	13/164,069	06/20/2011	8,290,423	10/16/2012	US-2011-0244784-A1	10/06/2011	METHOD AND APPARATUS FOR IDENTIFICATION OF BROADCAST SOURCE
United States - (US)	Utility	13/614,329	09/13/2012	8,811,855	08/19/2014	US-2013-0010204-A1	01/10/2013	METHOD AND APPARATUS FOR IDENTIFICATION OF BROADCAST SOURCE
United States - (US)	Utility	14/328,163	07/10/2014	9,071,371	06/30/2015	US-2014-0323034-A1	10/30/2014	METHOD AND APPARATUS FOR IDENTIFICATION OF BROADCAST SOURCE
United States - (US)	Utility	14/751,302	06/26/2015	9,225,444	12/29/2015	US-2015-0295667-A1	10/15/2015	METHOD AND APPARATUS FOR IDENTIFICATION OF BROADCAST SOURCE
United States - (US)	Utility	60/545,879	02/19/2004					METHOD AND APPARATUS FOR IDENTIFICATION OF BROADCAST SOURCE
United States - (US)	Utility	09/734,949	12/12/2000			US-2002-0072982-A1	06/13/2002	METHOD AND SYSTEM FOR INTERACTING WITH A USER IN AN EXPERIENTIAL

								ENVIRONMENT
United States - (US)	Utility	12/204,526	09/04/2008	8,015,123	09/06/2011	US 2009-0012849-A1	01/08/2009	METHOD AND SYSTEM FOR INTERACTING WITH A USER IN AN EXPERIENTIAL ENVIRONMENT
United States - (US)	Utility	13/193,205	07/28/2011	8,688,600	04/01/2014	US 2011-0314132-A1	12/22/2011	METHOD AND SYSTEM FOR INTERACTING WITH A USER IN AN EXPERIENTIAL ENVIRONMENT
United States - (US)	Utility	14/230,061	03/31/2014	9,721,287	08/01/2017	US 2014-0214532-A1	07/31/2014	Method and System for Interacting with a User in an Experimental Environment
United States - (US)	Utility	10/087,204	03/01/2002	7,359,889	04/15/2008	US 2002-0161741-A1	10/31/2002	METHOD AND APPARATUS FOR AUTOMATICALLY CREATING DATABASE FOR USE IN AUTOMATED MEDIA RECOGNITION SYSTEM
United States - (US)	Utility	60/273,146	03/02/2001					METHOD AND APPARATUS FOR AUTOMATICALLY CREATING DATABASE FOR USE IN AUTOMATED MEDIA RECOGNITION SYSTEM
European Patent Convention - (EP)	Utility	12153688.2	04/19/2005			2464107	06/13/2012	METHOD AND SYSTEM FOR CONTENT SAMPLING AND IDENTIFICATION
Hong Kong - (HK)	Utility	12110554.3	10/24/2012			1169898	02/08/2013	METHOD AND SYSTEM FOR CONTENT

								SAMPLING AND IDENTIFICATION
United States - (US)	Utility	11/547,996	10/31/2006	8,688,248	04/01/2014	US 2008-0154401-A1	06/26/2008	METHOD AND SYSTEM FOR CONTENT SAMPLING AND IDENTIFICATION
United States - (US)	Utility	14/216,142	03/17/2014			US 2014-0214190-A1	07/31/2014	METHOD AND SYSTEM FOR CONTENT SAMPLING AND IDENTIFICATION
Belgium - (BE)	Utility	05763735.7	06/24/2005	1774348	08/08/2018	1774348	04/18/2007	METHOD OF CHARACTERIZING THE OVERLAP OF TWO MEDIA SEGMENTS
Germany - (DE)	Utility	05763735.7	06/24/2005	60 2005 054 386.4	08/08/2018	1774348	04/18/2007	METHOD OF CHARACTERIZING THE OVERLAP OF TWO MEDIA SEGMENTS
European Patent Convention - (EP)	Utility	05763735.7	06/24/2005	1774348	08/08/2018	1774348	04/18/2007	METHOD OF CHARACTERIZING THE OVERLAP OF TWO MEDIA SEGMENTS
European Patent Convention - (EP)	Utility	12176673.7	06/24/2005			2602630	06/12/2013	METHOD OF CHARACTERIZING THE OVERLAP OF TWO MEDIA SEGMENTS
France - (FR)	Utility	05763735.7	06/24/2005	1774348	08/08/2018	1774348	04/18/2007	METHOD OF CHARACTERIZING THE OVERLAP OF TWO MEDIA SEGMENTS
Great Britain - (GB)	Utility	05763735.7	06/24/2005	1774348	08/08/2018	1774348	04/18/2007	METHOD OF CHARACTERIZING THE OVERLAP OF TWO MEDIA SEGMENTS
Ireland - (IE)	Utility	05763735.7	06/24/2005	1774348	08/08/2018	1774348	04/18/2007	METHOD OF CHARACTERIZING THE OVERLAP OF TWO MEDIA SEGMENTS
Italy - (IT)	Utility	05763735.7	06/24/2005	50201800 0032716	08/08/2018	1774348	04/18/2007	METHOD OF CHARACTERIZING THE OVERLAP

								OF TWO MEDIA SEGMENTS
United States - (US)	Utility	11/629,393	06/24/2005	7,739,062	06/15/2010	US-2008-0091366-A1	04/17/2008	METHOD OF CHARACTERIZING THE OVERLAP OF TWO MEDIA SEGMENTS
United States - (US)	Utility	60/582,498	06/24/2004					METHOD OF CHARACTERIZING THE OVERLAP OF TWO MEDIA SEGMENTS
United States - (US)	Utility	13/795,194	03/12/2013	9,451,048	09/20/2016	US 2014-0280265-A1	09/18/2014	METHODS AND SYSTEMS FOR IDENTIFYING INFORMATION OF A BROADCAST STATION AND INFORMATION OF BROADCASTED CONTENT
Patent Cooperation Treaty - (WO)	Utility	PCT/US2014/023342	03/11/2014			WO 2014/164728	10/09/2014	METHODS AND SYSTEMS FOR IDENTIFYING INFORMATION OF A BROADCAST STATION AND INFORMATION OF BROADCASTED CONTENT
United States - (US)	Utility	13/837,222	03/15/2013			US 2014-0278845	09/18/2014	METHODS AND SYSTEMS FOR IDENTIFYING TARGET MEDIA CONTENT AND DETERMINING SUPPLEMENTAL INFORMATION ABOUT THE TARGET MEDIA CONTENT
Patent Cooperation Treaty - (WO)	Utility	PCT/US2014/023317	03/11/2014			WO 2014/150458	09/25/2014	METHODS AND SYSTEMS FOR IDENTIFYING TARGET MEDIA CONTENT AND

								DETERMINING SUPPLEMENTAL INFORMATION ABOUT THE TARGET MEDIA CONTENT
Canada - (CA)	Utility	2,905,385	03/12/2014	2,905,385	08/22/2017	2905385	09/25/2014	METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS
European Patent Convention - (EP)	Utility	14719144.9	03/12/2014			2973030	01/20/2016	METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS
United States - (US)	Utility	13/837,284	03/15/2013	9,390,170	07/12/2016	US-2014-0280233-A1	09/18/2014	METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS
Patent Cooperation Treaty - (WO)	Utility	PCT/US2014/024117	03/12/2014			WO 2014/150746	09/25/2014	METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS
Belgium - (BE)	Utility	14720780.7	03/13/2014	2973067	01/03/2018	2973067	01/20/2016	METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS
Canada - (CA)	Utility	2,905,654	03/13/2014	2,905,654	05/21/2019			METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS
Germany - (DE)	Utility	14720780.7	03/13/2014	602014019377.3	01/03/2018	2973067	01/20/2016	METHOD AND SYSTEMS FOR ARRANGING

								AND SCANNING A DATABASE WITH MEDIA CONTENT RECORDS
European Patent Convention - (EP)	Utility	14720780.7	03/13/2014	2973067	01/03/2018	2973067	01/20/2016	METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS
France - (FR)	Utility	14720780.7	03/13/2014	2973067	01/03/2018	2973067	01/20/2016	METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS
Great Britain - (GB)	Utility	14720780.7	03/13/2014	2973067	01/03/2018	2973067	01/20/2016	METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS
Ireland - (IE)	Utility	14720780.7	03/13/2014	EP2973034	01/03/2018	EP2973034	01/20/2016	METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS
Italy - (IT)	Utility	14720780.7	03/13/2014	502018000007637	01/03/2018	EP2973034	01/20/2016	METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS
United States - (US)	Utility	13/837,711	03/15/2013	9,773,058	09/26/2017	US-2014-0280127-A1	09/18/2014	METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS
Patent Cooperation Treaty -	Utility	PCT/US2014/025575	03/13/2014			WO 2014/151365	09/25/2014	METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING

(WO)								A DATABASE OF MEDIA CONTENT RECORDINGS
Canada - (CA)	Utility	2,965,360	11/05/2015			2965360		METHOD AND SYSTEMS FOR PERFORMING CONTENT RECOGNITION FOR A SURGE OF INCOMING RECOGNITION QUERIES
European Patent Convention - (EP)	Utility	15857975.5	11/05/2015			3215959	09/13/2017	METHOD AND SYSTEMS FOR PERFORMING CONTENT RECOGNITION FOR A SURGE OF INCOMING RECOGNITION QUERIES
United States - (US)	Utility	14/535,666	11/07/2014			US-2016-0132600-A1	05/12/2016	METHOD AND SYSTEMS FOR PERFORMING CONTENT RECOGNITION FOR A SURGE OF INCOMING RECOGNITION QUERIES
Patent Cooperation Treaty - (WO)	Utility	PCT/US2015/059258	11/05/2015			WO 2016/073730	05/12/2016	METHOD AND SYSTEMS FOR PERFORMING CONTENT RECOGNITION FOR A SURGE OF INCOMING RECOGNITION QUERIES
United States - (US)	Utility	15/793,319	10/25/2017	10,129,575	11/13/2018			METHODS AND SYSTEMS FOR DETERMINING A LATENCY BETWEEN A SOURCE AND AN ALTERNATIVE FEED OF THE SOURCE
United States - (US)	Utility	16/156,673	10/10/2018			US-2019-0124380-A1	04/25/2019	METHODS AND SYSTEMS FOR DETERMINING A

								LATENCY BETWEEN A SOURCE AND AN ALTERNATIVE FEED OF THE SOURCE
Patent Cooperation Treaty - (WO)	Utility	PCT/IB2018/058347	10/25/2018					METHODS AND SYSTEMS FOR DETERMINING A LATENCY BETWEEN A SOURCE AND AN ALTERNATIVE FEED OF THE SOURCE
United States - (US)	Utility	15/729,104	10/10/2017	10,158,907	12/18/2018			SYSTEMS AND METHODS FOR PERFORMING PLAYOUT OF MULTIPLE MEDIA RECORDINGS BASED ON A MATCHING SEGMENT AMONG THE RECORDINGS
United States - (US)	Utility	16/222,481	12/17/2018			US-2019-0141388-A1	05/09/2019	SYSTEMS AND METHODS FOR PERFORMING PLAYOUT OF MULTIPLE MEDIA RECORDINGS BASED ON A MATCHING SEGMENT AMONG THE RECORDINGS
Patent Cooperation Treaty - (WO)	Utility	PCT/IB2018/057865	10/10/2018					SYSTEMS AND METHODS FOR PERFORMING PLAYOUT OF MULTIPLE MEDIA RECORDINGS BASED ON A MATCHING SEGMENT AMONG THE RECORDINGS
China P.R. - (CN)	Utility	201880029415.8	05/01/2018			CN110691633A	01/14/2020	METHODS AND SYSTEMS FOR DETERMINING A

								REACTION TIME FOR A RESPONSE AND SYNCHRONIZING USER INTERFACE(S) WITH CONTENT BEING RENDERED
United States - (US)	Utility	15/587,273	05/04/2017	10,166,472	01/01/2019	US-2018-0318711-A1	11/08/2018	METHODS AND SYSTEMS FOR DETERMINING A REACTION TIME FOR A RESPONSE AND SYNCHRONIZING USER INTERFACE(S) WITH CONTENT BEING RENDERED
United States - (US)	Utility	16/232,838	12/26/2018			US-2019-0143212-A1	05/16/2019	METHODS AND SYSTEMS FOR DETERMINING A REACTION TIME FOR A RESPONSE AND SYNCHRONIZING USER INTERFACE(S) WITH CONTENT BEING RENDERED
Patent Cooperation Treaty - (WO)	Utility	PCT/IB2018/000550	05/01/2018			WO 2018-203131	11/08/2018	METHODS AND SYSTEMS FOR DETERMINING A REACTION TIME FOR A RESPONSE AND SYNCHRONIZING USER INTERFACE(S) WITH CONTENT BEING RENDERED