PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7593938

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OATH INC.	10/05/2020

RECEIVING PARTY DATA

Name:	VERIZON MEDIA INC.
Street Address:	770 BROADWAY
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10003

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17967129

CORRESPONDENCE DATA

Fax Number:

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.

Phone:	2023444000
Email:	ptomail@venable.com
Correspondent Name:	VENABLE LLP (VERIZON MEDIA)
Address Line 1:	P.O. BOX 34385
Address Line 4:	WASHINGTON, D.C. 20043-9998

ATTORNEY DOCKET NUMBER:	146555.568967
NAME OF SUBMITTER:	MACKENZIE KALNITZKY
SIGNATURE:	/Mackenzie Kalnitzky/
DATE SIGNED:	10/17/2022

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PATENT ASSIGNMENT

This Patent Assignment ("Assignment") is entered into as of _5th_ October 2020 and effective 1 October 2020 ("Effective Date") by and between Oath Inc., a Delaware corporation ("Assignor") having an address at 770 Broadway, New York, NY 10003, and Verizon Media Inc., a Delaware corporation ("Verizon Media") having an address at 770 Broadway, New York, NY 10003.

WHEREAS, Verizon Media and Assignor have entered into that certain Contribution and Assignment Agreement, dated as of 1 October 2020 (the "Agreement"), pursuant to which Assignor has agreed to transfer certain assets to Verizon Media;

WHEREAS, Assignor owns all right, title and interest in and to certain patents, patent applications and/or other patent rights, including, without limitation, those listed in Schedule A of this Assignment; and

WHEREAS, Assignor desires to assign to Verizon Media, and Verizon Media desires to receive, all of Assignor's right, title and interest in and to such patents, patent applications and/or other patent rights.

NOW, THEREFORE, pursuant to the Agreement, and for good and valuable consideration given and received, the receipt and legal sufficiency of which is hereby acknowledged, Assignor and Verizon Media, intending to be legally bound hereby, agree as follows:

(A) Assignor hereby irrevocably transfers, conveys, assigns and delivers to Verizon Media, and Verizon Media hereby accepts:
(1) all of Assignor's right, title and interest throughout the world (including, without limitation, all rights provided by international conventions and treaties) in and to:
(a) all patents and patent applications owned by Assignor, including, without limitation, the patents and patent applications set forth in Exhibit 1 and any patents granted on any of the patent applications set forth in Exhibit 1;
(b) any patents or patent applications that claim priority to any of the items in (a) (including, without limitation, any continuations, divisionals, continuations-in-part, substitutes, reissues, reexaminations, extensions and renewals thereof, together with all priority rights and counterpart applications under the laws of the United States or any foreign country or jurisdiction or any international patent conventions, agreements or treaties in effect as of or after the Effective Date);
(c) any patents or patent applications to which any of the patents or patent applications in (a) or (b) claim priority and any foreign counterparts to any patents or patent applications in (a) or (b); and
(d) any other rights in the inventions described or disclosed in any of the patents and patent applications in (a), (b) or (c);
(all of the foregoing in (a), (b), (c) and (d), collectively, the "Assigned Patents");
(2) all rights to causes of action and remedies related to the Assigned Patents, including without limitation, the right to sue (including, without limitation, for damages and injunctive relief) for any past, present or future infringement, violation, dilution or other unauthorized use of any of the Assigned Patents;
(3) all rights to receive income, royalties, damages, payments or other consideration with respect to the Assigned Patents;
(4) all rights to prosecute and maintain the Assigned Patents; and
(5) all other rights and interests arising out of, in connection with or in relation to the Assigned Patents.

(B)   Assignor agrees, without further compensation, upon the request of Verizon Media (or its successors, assigns or legal representatives) to timely:
(1)   execute all oaths, assignments, powers and any other papers;
(2)   testify in all proceedings; and
(3)   otherwise take all actions, and fully cooperate with Verizon Media;
        in each case (1), (2) and (3), as may be necessary or appropriate, in the opinion of Verizon Media, to convey, establish, evidence, maintain, protect, defend and enforce Verizon Media's rights in the Assigned Patents or otherwise related to securing and enforcing Verizon Media's rights under this Assignment; and Assignor hereby irrevocably appoints Verizon Media and any of its officers as Assignor's attorney in fact to undertake such acts in Assignor's name.

(C)   Assignor agrees to deliver to Verizon Media accurate copies of all material correspondence with counsel, in Assignor's or its counsel's possession, relating to ownership, filing, prosecution, protection, infringement, validity, enforceability or enforcement of, the Assigned Patents, to the extent such has not already been delivered.

(D)   Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any other official of any applicable governmental authority, to record this Assignment and to issue any patents from any patent applications included in the Assigned Patents to and in the name of Verizon Media.

(E)   This Assignment, the rights and obligations of the parties under this Assignment, and any claim or controversy directly or indirectly based upon, arising out of or related to, this Assignment or the transactions contemplated by this Assignment (whether based upon contact, tort or any other theory), including, without limitation, all matters of construction, validity and performance, shall be governed by and construed in accordance with the laws of the State of California, without regard to any conflict of laws provisions that would require the application of the law of any other jurisdiction.

(F)   This Assignment may be executed in one or more counterparts (including by facsimile or electronic transmission), each of which will be deemed to be an original copy of this Assignment and all of which, when taken together, will be deemed to constitute one and the same agreement.

(G)   This Assignment shall be binding upon and inure to the benefit of the parties and their respective successors and permitted assigns.

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IN WITNESS WHEREOF, the undersigned have caused this Assignment to be duly executed and delivered as of the Effective Date first set forth above.

For Oath Inc. by:
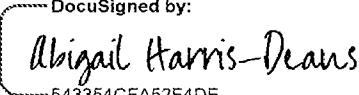
Signature:
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Abigail Harris-Deans
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Name: <u>Abigal Harris-Deans, Sr Legal Director</u>

Date: October 5th, 2020

For Verizon Media Inc. by:
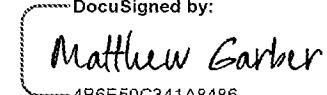
Signature:
DocuSigned by:
Matthew Garber
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Name: <u>Matthew Garber, VP</u>

Date: October 5th, 2020

EXHIBIT 1 – PATENTS AND PATENT APPLICATIONS

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1	US	Bid value determination	Djordje Gligorijevic, TIAN ZHOU, Bharatbhushan Shetty, Brendan Kitts, shengjun pan, Junwei Pan, Aaron Flores, Balaji Srinivasa Rao Paladugu, Sneha Thomas	Aug 17, 2020	16994930		
2	US	Bid Shading in The Brave New World of First-Price Auctions	Djordje Gligorijevic, TIAN ZHOU, Bharatbhushan Shetty, Brendan Kitts, shengjun pan, Junwei Pan, Aaron Flores, Hao He, Mao Tingyu, San Gultekin, Balaji Srinivasa Rao Paladugu, Jianlong Zhang, Sneha Thomas	Aug 17, 2020	16994976		
3	US	SYSTEMS AND METHODS FOR PROCESSING AND DISPLAYING USER-GENERATED CONTENT	Sangchul Song, Sudhir Achuthan, Thu Kyaw, Sean Christopher Timm, Aaron Soules, Vineet Mahajan	Jan 14, 2014	14155199	Jan 10, 2017	9542458
4	US	SYSTEMS AND METHODS FOR USING IMAGING TO AUTHENTICATE ONLINE	Scott Dorfman, Donald Sengpiehl	Jul 30, 2015	14813214	Mar 20, 2018	9923885
5	US	SYSTEMS AND METHODS FOR USING IMAGING TO AUTHENTICATE ONLINE	Scott Dorfman, Donald Sengpiehl	Jan 30, 2018	15883595	Jul 7, 2020	10708257

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
6	US	SYSTEMS AND METHODS FOR USING IMAGING TO AUTHENTICATE ONLINE	Scott Dorfman, Donald Sengpiehl	Jun 9, 2020	16896393		
7	US	SYSTEMS AND METHODS FOR SHARING AUDIO FEEDS	Bryce Barrand	Jun 11, 2015	14736461	Dec 6, 2016	9514224
8	US	SYSTEMS AND METHODS FOR SHARING AUDIO FEEDS	Bryce Barrand	Nov 1, 2016	15340352	Apr 7, 2020	10614123
9	US	SYSTEMS AND METHODS FOR SHARING AUDIO FEEDS	Bryce Barrand	Feb 28, 2020	16804488		
10	US	SYSTEMS AND METHODS FOR PROVIDING MOBILE MAPPING SERVICES INCLUDING TRIP PREDICTION AND ROUTE	George Fletcher	May 30, 2013	13906078	Oct 31, 2017	9803990
11	US	Systems and Methods for Providing Mobile Mapping Services Including Trip Prediction and Route Recommendation	George Fletcher	Sep 26, 2017	15715313		
12	US	SYSTEMS AND METHODS FOR REDUCED BANDWIDTH DATA TRANSMISSION BETWEEN NETWORK CONNECTED DEVICES	El Amine Raounak	Jun 27, 2013	13929511	Jan 5, 2016	9232022
13	US	SYSTEMS AND METHODS FOR REDUCED BANDWIDTH DATA TRANSMISSION BETWEEN NETWORK CONNECTED DEVICES	El Amine Raounak	Nov 30, 2015	14953578	Dec 6, 2016	9515959

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
14	US	Systems and Methods for Providing and Using an Internet Sentiment Index	John Pavley, Sangchul Song, Sean Christopher Timm, Thu Kyaw, Saad Mufti	Jul 29, 2013	13953151		
15	US	Systems and Methods for Multi-Layer User Content Navigation	David Blundell, Steffen Hoffman, Anil Narasipuram, Tessa Petrich	Jun 24, 2013	13925292		
16	US	SYSTEMS AND METHODS FOR MANAGING RESETTING OF USER ONLINE IDENTITIES OR ACCOUNTS	Lachlan Maxwell	Aug 29, 2013	14013972	Jul 5, 2016	9386011
17	US	SYSTEMS AND METHODS FOR MANAGING RESETTING OF USER ONLINE IDENTITIES OR ACCOUNTS	Lachlan Maxwell	May 31, 2016	15169234	Nov 27, 2018	10142302
18	US	Systems and Methods for Managing Resetting of User Online Identities or	Lachlan Maxwell	Oct 22, 2018	16167119	Feb 4, 2020	10554639
19	US	Systems and Methods for Managing Resetting of User Online Identities or	Lachlan Maxwell	Dec 23, 2019	16725813		
20	US	SYSTEMS AND METHODS FOR DISTRIBUTING NETWORK TRAFFIC BETWEEN SERVERS BASED ON ELEMENTS IN CLIENT	Kevin Eugene Mason, Scott T. Wilson, David Israel, Michael Harding	Sep 13, 2013	14026477	Oct 4, 2016	9461922
21	US	ELECTRONIC INFORMATION CACHING	Harry G. Morgan, Ronald Howard, Vinh Tran, Brian Sullivan	Dec 29, 2000	09750027	May 2, 2006	7039683

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
22	US	ELECTRONIC INFORMATION CACHING	Vinh Tran, Brian Sullivan, Harry G. Morgan, Ronald Howard	Apr 28, 2014	14263502	Apr 28, 2015	9021054
23	US	ELECTRONIC INFORMATION CACHING	Vinh Tran, Brian Sullivan, Harry G. Morgan, Ronald Howard	Mar 27, 2015	14670814	Jan 24, 2017	9553825
24	US	Announcing new users of an electronic communications system to existing users	Barry Appelman, Edmund J. Fish	Dec 12, 2013	14104878	Aug 9, 2016	9413699
25	US	Announcing new users of an electronic communications system to existing users	Barry Appelman, Edmund J. Fish	Jun 30, 2016	15198091	Apr 17, 2018	9948599
26	US	Announcing New Users of an Electronic Communications System to Existing Users	Barry Appelman, Edmund J. Fish	Mar 6, 2018	15912660	Mar 10, 2020	10587570
27	US	Announcing New Users of an Electronic Communications System to Existing Users	Barry Appelman, Edmund J. Fish	Oct 31, 2019	16669744		
28	US	SHARING SOCIAL NETWORK INFORMATION	Barry Appelman, Steve Greenberg	Aug 14, 2013	13967138	Aug 19, 2014	8812407
29	US	SHARING SOCIAL NETWORK INFORMATION	Barry Appelman, Steve Greenberg	Jul 14, 2014	14330897	Jul 10, 2018	10021151
30	US	PASSIVELY POPULATING A PARTICIPANT LIST WITH KNOWN CONTACTS	Barry Appelman, Edmund J. Fish	Dec 20, 2004	11015423	Nov 25, 2014	8898239
31	US	SHARING SOCIAL NETWORK INFORMATION	Barry Appelman, Steve Greenberg	Jun 11, 2018	16005066		

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
32	US	Systems and methods of online interfaces for hierarchically arranged user-generated content	MacGregor Thomson, Tom Biegeleisen, Siobhan Dooley	Aug 7, 2014	14453812	Jan 9, 2018	9864814
33	US	Systems and methods of online interfaces for hierarchically arranged user-generated content	MacGregor Thomson, Tom Biegeleisen, Siobhan Dooley	Nov 30, 2017	15827714	Jun 18, 2019	10324999
34	US	SYSTEMS AND METHODS OF ONLINE INTERFACES FOR HIERARCHICALLY ARRANGED USER-GENERATED CONTENT	MacGregor Thomson, Tom Biegeleisen, Siobhan Dooley	May 3, 2019	16402856		
35	US	SYSTEMS AND METHODS FOR OPTIMIZING MESSAGE NOTIFICATION TIMING BASED ON GEOGRAPHIC	Bryce Barrand	Nov 18, 2013	14083035	Jul 14, 2015	9084082
36	US	SYSTEMS AND METHODS FOR OPTIMIZING MESSAGE NOTIFICATION TIMING BASED ON GEOGRAPHIC	Bryce Barrand	Jun 11, 2015	14736561	Oct 20, 2015	9167383
37	US	SYSTEMS AND METHODS FOR OPTIMIZING MESSAGE NOTIFICATION TIMING BASED ON GEOGRAPHIC	Bryce Barrand	Sep 11, 2015	14851489	Apr 5, 2016	9307362
38	US	SYSTEMS AND METHODS FOR OPTIMIZING MESSAGE NOTIFICATION TIMING BASED ON GEOGRAPHIC	Bryce Barrand	Feb 24, 2016	15051705	Jul 18, 2017	9712965

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
39	US	SYSTEMS AND METHODS FOR OPTIMIZING MESSAGE NOTIFICATION TIMING BASED ON GEOGRAPHIC	Bryce Barrand	Jun 15, 2017	15624256	Jan 15, 2019	10182310
40	US	Systems and Methods for Optimizing Message Notification Timing Based on Geographic Location	Bryce Barrand	Dec 6, 2018	16211979	Sep 29, 2020	10791416
41	US	METHODS AND SYSTEMS FOR DISPLAYING ELECTRONIC CONTENT TO INDIVIDUALS IN GEOGRAPHIC ZONE HAVING	Patrick McDevitt, Joeseph Hughes	Jan 24, 2014	14163799		
42	US	Systems and Methods for Dynamically Determining Promotions Associated with Digital Coupons	Patrick McDevitt	Mar 26, 2014	14226002		
43	US	SYNDICATION OF SLIDESHOW CONTENT THROUGH A WEB FEED	Colm Geraghty, Cliff Redmond	Jan 24, 2014	14163172	Jan 31, 2017	9557898
44	US	Syndication of Slideshow Content Through a Web	Colm Geraghty, Cliff Redmond	Dec 20, 2016	15384757	Jul 30, 2019	10366145
45	US	Syndication of Slideshow Content Through a Web	Colm Geraghty, Cliff Redmond	Jun 18, 2019	16444947		

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Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
46	US	SYSTEMS AND METHODS FOR OPTIMIZING MESSAGE NOTIFICATION TIMING BASED ON ELECTRONIC CONTENT CONSUMPTION ASSOCIATED WITH A GEOGRAPHIC LOCATION	Bryce Barrand, Patrick McDevitt	Feb 28, 2014	14194108	Apr 26, 2016	9325654
47	US	SYSTEMS AND METHODS FOR OPTIMIZING MESSAGE NOTIFICATION TIMING BASED ON ELECTRONIC CONTENT CONSUMPTION ASSOCIATED WITH A GEOGRAPHIC LOCATION	Bryce Barrand, Patrick McDevitt	Mar 21, 2016	15075367		
48	US	SYSTEMS AND METHODS FOR OPTIMIZING MESSAGE NOTIFICATION BASED ON GEOGRAPHIC LOCATION AND TIME	Peter Ferrara, Bryce Barrand	Mar 19, 2014	14219554	Aug 29, 2017	9749781
49	US	SYSTEMS AND METHODS FOR OPTIMIZING MESSAGE NOTIFICATION BASED ON GEOGRAPHIC LOCATION AND TIME	Peter Ferrara, Bryce Barrand	Jul 21, 2017	15656507	Mar 13, 2018	9918188
50	US	SYSTEMS AND METHODS FOR OPTIMIZING MESSAGE NOTIFICATION BASED ON GEOGRAPHIC LOCATION AND TIME	Peter Ferrara, Bryce Barrand	Jan 29, 2018	15882681	Sep 11, 2018	10075809

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
51	US	SYSTEMS AND METHODS FOR OPTIMIZING MESSAGE NOTIFICATION BASED ON GEOGRAPHIC LOCATION AND TIME	Peter Ferrara, Bryce Barrand	Aug 9, 2018	16059688		
52	US	SYSTEMS AND METHODS FOR OPTIMIZING MESSAGE NOTIFICATION BASED ON GEOGRAPHIC LOCATION AND TIME	Peter Ferrara, Bryce Barrand	Sep 30, 2020	17038699		
53	US	DETERMINING LOAD STATE OF REMOTE SYSTEMS USING DELAY AND PACKET LOSS	Kevin Eugene Mason, William White, Carla Dunagan	Apr 8, 2014	14247880	Aug 23, 2016	9426215
54	US	DETERMINING LOAD STATE OF REMOTE SYSTEMS USING DELAY AND PACKET LOSS	Kevin Eugene Mason, William White, Carla Dunagan	Jul 15, 2016	15211081	Apr 3, 2018	9936006
55	US	Determining Load State of Remote Systems Using Delay and Packet Loss Rate	Kevin Eugene Mason, William White, Carla Dunagan	Feb 21, 2018	15901237	Jul 23, 2019	10362100
56	US	Determining Load State of Remote Systems Using Delay and Packet Loss Rate	Kevin Eugene Mason, William White, Carla Dunagan	Jun 11, 2019	16438176		
57	US	SYSTEMS AND METHODS FOR DEPLOYING DYNAMIC GEO-FENCES BASED ON CONTENT CONSUMPTION LEVELS IN A GEOGRAPHIC	Bryce Barrand, Patrick McDevitt	May 21, 2014	14283932	Feb 28, 2017	9584968

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58	US	SYSTEMS AND METHODS FOR DEPLOYING DYNAMIC GEO-FENCES BASED ON CONTENT CONSUMPTION LEVELS IN A GEOGRAPHIC	Bryce Barrand, Patrick McDevitt	Dec 16, 2016	15381607	Jul 18, 2017	9712970
59	US	SYSTEMS AND METHODS FOR DEPLOYING DYNAMIC GEO-FENCES BASED ON CONTENT CONSUMPTION LEVELS IN A GEOGRAPHIC	Bryce Barrand, Patrick McDevitt	Jun 14, 2017	15623013		
60	US	SYSTEMS AND METHODS FOR DEPLOYING DYNAMIC GEO-FENCES BASED ON CONTENT CONSUMPTION LEVELS IN A GEOGRAPHIC	Bryce Barrand, Patrick McDevitt	Sep 21, 2020	17026786		
61	US	Systems and Methods for AD-Supported Mobile Data Plans OR IN-APP Purchases	Jeffrey (Jeff) Katz, Chad Gallagher, Lucas (Luke) Matyja	Nov 26, 2014	14554642	Feb 18, 2020	10565623
62	US	Systems and Methods for AD-Supported Mobile Data Plans OR IN-APP Purchases	Jeffrey (Jeff) Katz, Chad Gallagher, Lucas (Luke) Matyja	Jan 7, 2020	16735991		
63	US	SYSTEMS AND METHODS FOR LOCATION-BASED AUTHENTICATION	El Amine Raounak	Mar 7, 2014	14201248	Dec 20, 2016	9525972
64	US	SYSTEMS AND METHODS FOR LOCATION-BASED AUTHENTICATION	El Amine Raounak	Nov 14, 2016	15350704	Jan 9, 2018	9866544
65	US	Systems And Methods For Location-Based	El Amine Raounak	Nov 30, 2017	15827916	Mar 19, 2019	10237261

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
66	US	Systems And Methods For Location-Based	El Amine Raounak	Feb 5, 2019	16268196		
67	US	SYSTEMS AND METHODS FOR A SECONDARY WEBSITE WITH MIRRORED CONTENT FOR AUTOMATIC FAILOVER	Michael (Mike) Adler	Feb 4, 2015	14613590	Mar 7, 2017	9588854
68	US	Systems and Methods for Identity-Protected Advertising Network	Jeff Wilson	May 20, 2014	14282074	Aug 14, 2018	10049392
69	US	SYSTEMS AND METHODS FOR IDENTITY-PROTECTED DATA ELEMENT DISTRIBUTION NETWORK	Jeff Wilson	Jul 10, 2018	16031766		
70	US	ENTITY ANALYSIS SYSTEM	Amit Kapur, Steven Pearman, James (Jim) Benedetto	Aug 8, 2011	13205585	Dec 1, 2015	9202176
71	US	ENTITY ANALYSIS SYSTEM	Amit Kapur, Steven Pearman, James (Jim) Benedetto	Oct 29, 2015	14926059	Jan 31, 2017	9558456
72	US	ENTITY ANALYSIS SYSTEM	Amit Kapur, Steven Pearman, James (Jim) Benedetto	Dec 16, 2016	15381253		
73	US	PERSONALIZED CONTENT DELIVERY SYSTEM	Amit Kapur, Steven Pearman, James (Jim) Benedetto	Dec 14, 2010	12968251	Dec 24, 2013	8615442
74	US	Method and Medium for a Personalized Content Delivery System	Amit Kapur, Steven Pearman, James (Jim) Benedetto	Nov 20, 2013	14085585	Jul 9, 2019	10346436

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75	US	Personalized Content Delivery System	Amit Kapur, Steven Pearman, James (Jim) Benedetto	May 23, 2019	16420811		
76	US	Conversational Lexicon Analyzer	Amit Kapur, Steven Pearman, James (Jim) Benedetto	Dec 14, 2010	12968194	Sep 3, 2013	8527269
77	US	Systems and Methods for Optimizing and Refining Message Notification Timing	Patrick McDevitt, Joeseph Hughes, Jon Szymanski	Jun 10, 2014	14300866		
78	US	Systems and Methods for Enabling Access to Digital Content Based on Geographic Locations Visited by Mobile Device Users	Patrick McDevitt, Joeseph Hughes, Jon Szymanski	Jul 2, 2014	14322313	Feb 18, 2020	10565619
79	US	MACHINE LEARNING AND VALIDATION OF ACCOUNT NAMES, ADDRESSES, AND/OR IDENTIFIERS	Donald Jeffrey (Jeff) McQueen, Lachlan Maxwell	May 20, 2014	14282097	Mar 27, 2018	9928465
80	US	MACHINE LEARNING AND VALIDATION OF ACCOUNT NAMES, ADDRESSES, AND/OR IDENTIFIERS	Donald Jeffrey (Jeff) McQueen, Lachlan Maxwell	Feb 13, 2018	15895520	Sep 29, 2020	10789537
81	US	Machine Learning and Validation of Account Names, Addresses, and/or	Donald Jeffrey (Jeff) McQueen, Lachlan Maxwell	Aug 14, 2020	16994221		
82	US	SYSTEMS AND METHODS FOR OPTIMIZING THE SELECTION AND DISPLAY OF ELECTRONIC CONTENT	Dmytro Solomakha, Maggie Xiong, Adam Denenberg	Jun 10, 2014	14300645	Jul 18, 2017	9710559

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83	US	Systems and Methods for Optimizing the Selection and Display of Electronic	Dmytro Solomakha, Maggie Xiong, Adam Denenberg	Jun 16, 2017	15625744	Jul 23, 2019	10360275
84	US	Systems and Methods for Optimizing the Selection and Display of Electronic	Dmytro Solomakha, Maggie Xiong, Adam Denenberg	Jun 11, 2019	16438239		
85	US	METHODS AND SYSTEMS FOR EVALUATING THE DISPLAY OF ELECTRONIC CONTENT TO INDIVIDUALS IN GEOGRAPHIC ZONE HAVING INNER BOUNDARY	Patrick McDevitt, Joeseph Hughes	Jun 20, 2014	14310874		
86	US	SYSTEMS AND METHODS FOR TRACKING SHARING OF WEB CONTENT	Huan-Ling Chen, Dmytro Solomakha	Jul 15, 2014	14332095	Jan 3, 2017	9537963
87	US	Systems and Methods for Tracking Sharing of Web Content	Huan-Ling Chen, Dmytro Solomakha	Dec 13, 2016	15377180		
88	US	SYSTEMS AND METHODS FOR DYNAMIC MOBILE PRINTING BASED ON	Mohammed Abdul Majid, Maureen Jules-Perez	Jul 25, 2014	14341208	May 5, 2015	9025192
89	US	SYSTEMS AND METHODS FOR DYNAMIC MOBILE PRINTING BASED ON	Mohammed Abdul Majid, Maureen Jules-Perez	Apr 1, 2015	14675976	Aug 16, 2016	9417832
90	US	SYSTEMS AND METHODS FOR DYNAMIC MOBILE PRINTING BASED ON	Mohammed Abdul Majid, Maureen Jules-Perez	Jul 15, 2016	15211529	Jun 6, 2017	9671986
91	US	Systems and Methods for Directly Responding to Distributed Network Traffic	Michael Biancaniello	Sep 11, 2014	14483317	Dec 24, 2019	10516608

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92	US	Systems and Methods for Directly Responding to Distributed Network Traffic	Michael Biancaniello	Nov 15, 2019	16685428		
93	US	System and Method for Tracking Advertiser Return on Investment Using Set Top	Brendan Kitts, Dyng Au, Brian Burdick	Oct 18, 2019	16657387		
94	US	SYSTEMS AND METHODS FOR PROTECTING INTERNET ADVERTISING DATA	Jeff Wilson	Oct 20, 2014	14518111	Jan 31, 2017	9560023
95	US	SYSTEMS AND METHODS FOR PROTECTING INTERNET ADVERTISING DATA	Jeff Wilson	Oct 20, 2014	14518325	Dec 26, 2017	9853950
96	US	Systems and Methods for Protecting Internet Advertising Data	Jeff Wilson	Dec 30, 2016	15395074	Feb 5, 2019	10198752
97	US	SYSTEMS AND METHODS FOR PROTECTING INTERNET ADVERTISING DATA	Jeff Wilson	Nov 15, 2017	15813715	Dec 11, 2018	10154012
98	US	Systems and Methods for Protecting Internet Advertising Data	Jeff Wilson	Nov 8, 2018	16184365	Nov 26, 2019	10491572
99	US	Systems and Methods for Protecting Internet Advertising Data	Jeff Wilson	Dec 19, 2018	16225103	Jun 23, 2020	10692115
100	US	Systems and Methods for Protecting Internet Advertising Data	Jeff Wilson	Oct 18, 2019	16657085		

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101	US	Systems and Methods for Categorizing, Evaluating, and Displaying User Input With Publishing Content.	Jeff Wilson	Dec 8, 2014	14562941		
102	US	Systems and Methods for Providing Non-Intrusive Advertising Content.	Jeff Wilson	Nov 17, 2014	14543461		
103	US	Systems and methods for providing non-intrusive advertising content to set-top boxes	Jeff Wilson	Nov 26, 2014	14554834	Jan 10, 2017	9544659
104	US	Systems and methods for providing non-intrusive advertising content to set-top boxes	Jeff Wilson	Dec 2, 2016	15367957	Oct 3, 2017	9781491
105	US	SYSTEMS AND METHODS FOR PROVIDING NON-INTRUSIVE ADVERTISING CONTENT TO SET-TOP	Jeff Wilson	Aug 25, 2017	15686664		
106	US	Systems and Methods for Determining Segments of Online Users from Correlated DataSets	Jeff Wilson	Nov 14, 2014	14541321		
107	US	Systems and Methods for Dynamic Connection Paths for Devices Connected to Computer Networks	William White	Nov 20, 2014	14549248	Oct 15, 2019	10447590

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108	US	Systems and Methods for Dynamic Connection Paths for Devices Connected to Computer Networks	William White	Sep 4, 2019	16560532		
109	US	SYSTEMS AND METHODS FOR SOFTWARE DEFINED NETWORKING SERVICE FUNCTION CHAINING	Michael Biancaniello	Dec 9, 2014	14564844	Jan 9, 2018	9866472
110	US	Systems and Methods for Software Defined Networking Service Function	Michael Biancaniello	Nov 30, 2017	15827807	Apr 21, 2020	10630578
111	US	Systems and Methods for Software Defined Networking Service Function	Michael Biancaniello	Mar 16, 2020	16819346		
112	US	Systems And Methods For Opting-Out Of Targeted Advertising in an Online Advertising Environment	Jeff Wilson	Feb 11, 2015	14619753	Oct 29, 2019	10460349
113	US	Systems And Methods For Opting-Out Of Targeted Advertising in an Online Advertising Environment	Jeff Wilson	Sep 19, 2019	16576351		
114	US	Systems and Methods for Determining a Topology of a Network Comprising a Plurality of Intermediary Devices and Paths	John Barnes	Mar 9, 2015	14642280	Jul 16, 2019	10355937

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115	US	Systems and Methods for Determining a Topology of a Network Comprising a Plurality of Intermediary Devices and Paths	John Barnes	May 29, 2019	16425541		
116	US	SYSTEMS AND METHODS FOR DETERMINING USER ENGAGEMENT WITH ELECTRONIC DEVICES	Osnat Benari, Ruiheng Wang, Sasinda Rukshan Premarathna, Cheng Li, Bhagyasri Canumalla, Hsiao-Ching Lin, Yanbo Li, Davood Shamsi	Aug 21, 2017	15681810	Mar 3, 2020	10579493
117	US	SYSTEMS AND METHODS FOR DETERMINING USER ENGAGEMENT WITH ELECTRONIC DEVICES	Osnat Benari, Ruiheng Wang, Sasinda Rukshan Premarathna, Cheng Li, Bhagyasri Canumalla, Hsiao-Ching Lin, Yanbo Li, Davood Shamsi	Jan 24, 2020	16751704		
118	US	System and Method for Presenting Electronic Media Assets	Peter Jarvis, Christopher Webster	Dec 30, 2016	15395035	Nov 6, 2018	10123080
119	US	System and Method for Presenting Electronic Media Assets	Peter Jarvis, Christopher Webster	Oct 4, 2018	16151560	Jul 28, 2020	10728621
120	US	Systems and Methods for Streaming Media Menu Templates	Peter Jarvis, Christopher Webster, Christopher Habliston	Mar 30, 2017	15473874		
121	US	SYSTEMS AND METHODS FOR NETWORK TRAFFIC ANALYSIS	Lachlan Maxwell, Donald Jeffrey (Jeff) McQueen	May 9, 2017	15590303	Jan 8, 2019	10178117

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122	US	Systems And Methods For Network Traffic Analysis	Lachlan Maxwell, Donald Jeffrey (Jeff) McQueen	Nov 30, 2018	16205919	Sep 15, 2020	10778711
123	US	Systems And Methods For Network Traffic Analysis	Lachlan Maxwell, Donald Jeffrey (Jeff) McQueen	Aug 17, 2020	16995347		
124	US	SYSTEMS AND METHODS FOR ANALYZING NETWORK DATA TO IDENTIFY HUMAN AND NON-HUMAN USERS IN NETWORK	Donald Jeffrey (Jeff) McQueen, Lachlan Maxwell, William (Bill) Wakefield	May 24, 2017	15604354	Feb 18, 2020	10567421
125	US	SYSTEMS AND METHODS FOR ANALYZING NETWORK DATA TO IDENTIFY HUMAN AND NON-HUMAN USERS IN NETWORK	Lachlan Maxwell, Donald Jeffrey (Jeff) McQueen, William (Bill) Wakefield	Jan 10, 2020	16740098		
126	US	SYSTEMS AND METHODS FOR ELECTRONIC SIGNING OF ELECTRONIC CONTENT REQUESTS	Lachlan Maxwell, Andrew Braksator, George Fletcher	Jun 26, 2017	15633289	Mar 3, 2020	10581909
127	US	SYSTEMS AND METHODS FOR ELECTRONIC SIGNING OF ELECTRONIC CONTENT REQUESTS	Lachlan Maxwell, Andrew Braksator, George Fletcher	Jan 14, 2020	16742521		
128	US	SYSTEMS AND METHODS FOR VIDEO CONTENT RESTRICTION CATEGORIZATION AND	Christopher Webster, Davinder Singh, Samarpit Bhatia, Shannon Barnes	Jun 29, 2017	15637632		

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129	US	Methods and Systems for Determining Exposure to Outdoor Displays	Jay Cristal, Smitha Surapaneni	Sep 5, 2017	15695849		
130	US	SYSTEMS AND METHODS FOR FORECASTING BASED ON CATEGORIZED USER MEMBERSHIP PROBABILITY	John McClean, Tony Finn, Jiji Sasidharan	Aug 24, 2017	15685512		
131	US	GENERAL PROPERTY HIERARCHY SYSTEMS AND METHODS FOR WEB APPLICATIONS	Brendan McGee, Trevor McFarland	Oct 4, 2013	14046740	Mar 7, 2017	9588785
132	US	Handheld client framework system	Richard Doerksen, David Besbris	Oct 14, 2008	12251275	Jun 12, 2012	8200745
133	US	ASYNCHRONOUS DATA PROTOCOL	Robert D. Greenlee, Scott A. Quillen, Marc A. Katchay, Kenneth Carbone, Harry G. Morgan	Dec 22, 1998	09582297	Apr 14, 2015	9009345
134	US	Displaying advertisements in a computer network environment	Robert G. Watkins, Colin Anthony Steele, Harry W. Morris, David Lowell Lippke, Eric Bosco	Oct 17, 2000	09690007	Jun 14, 2011	7962604
135	US	Displaying advertisements in a computer network environment	Robert G. Watkins, Colin Anthony Steele, Harry W. Morris, David Lowell Lippke, Eric Bosco	May 24, 2011	13115040	Dec 25, 2012	8341264
136	US	ADVERTISEMENT DELIVERY	Harry W. Morris, David Lowell Lippke	Oct 26, 2000	09695844	Oct 8, 2013	8554628
137	US	Communication system and method	Yair Goldfinger	Aug 30, 2002	10231445	Mar 25, 2008	7349700

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138	US	Communication system and method	Yair Goldfinger	Mar 24, 2008	12053967	Mar 10, 2009	7502608
139	US	Communication system and method	Yair Goldfinger	Jan 29, 2009	12361618	Apr 26, 2011	7933588
140	US	Communication system and method	Yair Goldfinger	Apr 22, 2011	13092680	May 28, 2013	8452292
141	US	Communication system and method	Yair Goldfinger	May 24, 2013	13902611	Jul 12, 2016	9391931
142	US	ENABLING PROGRAMMING OF RECORDINGS	Peter Nush	Sep 30, 2002	10259791	Nov 20, 2012	8316399
143	US	ENABLING PROGRAMMING OF RECORDINGS	Peter Nush	Nov 13, 2012	13675170	Feb 12, 2019	10206007
144	US	ENABLING PROGRAMMING OF RECORDINGS	Peter Nush	Dec 21, 2018	16230677		
145	US	Media file format, system, and method	Justin Charles Frankel, Thomas Pepper	Dec 22, 2003	10740839	Jul 24, 2012	8230094
146	US	Media file format, system, and method	Justin Charles Frankel, Thomas Pepper	Jun 5, 2012	13489273	Feb 21, 2017	9578397
147	US	SYSTEMS AND METHODS FOR DISTRIBUTING STREAMS AND STREAM	Scott K. Brown, Stephen Loomis, David L. Biderman	Apr 23, 2004	10830407	Mar 10, 2015	8977763
148	US	SYSTEMS AND METHODS FOR DISTRIBUTING STREAMS AND STREAM	Scott K. Brown, Stephen Loomis, David L. Biderman	Jan 30, 2015	14611149	Sep 25, 2018	10084835
149	US	Filtering system for providing personalized information in the absence	Joshua Alspector, Aleksander Kolcz	Nov 22, 2000	09721008	Jul 28, 2009	7567958
150	US	Filtering system for providing personalized information in the absence	Joshua Alspector, Aleksander Kolcz	May 22, 2009	12470530	Feb 15, 2011	7890505

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151	US	Filtering system for providing personalized information in the absence	Joshua Alspector, Aleksander Kolcz	Jan 7, 2011	12987046	Nov 15, 2011	8060507
152	US	Filtering system for providing personalized information in the absence	Joshua Alspector, Aleksander Kolcz	Nov 4, 2011	13289222	Jan 7, 2014	8626758
153	US	Managing access to digital content sources	Scott K. Brown, David L. Biderman, Keith Peters	Oct 31, 2003	10697804	Oct 16, 2012	8291062
154	US	Managing access to digital content sources	Scott K. Brown, David L. Biderman, Keith Peters	Sep 13, 2012	13615375	Jun 30, 2015	9071655
155	US	Managing access to digital content sources	Scott K. Brown, David L. Biderman, Keith Peters	May 29, 2015	14726425	Jan 9, 2018	9866624
156	US	SOCIAL NETWORKING PERMISSIONS	Jeremy Liew	Mar 15, 2005	11079524	Nov 26, 2013	8595146
157	US	Social Networking	Jeremy Liew	Nov 25, 2013	14089677	Jul 30, 2019	10367860
158	US	Social Networking	Jeremy Liew	May 17, 2019	16415705		
159	US	VOICE OVER INTERNET PROTOCOL CALL HANDLING APPLICATIONS	Peter Bates	Apr 12, 2010	12758494	Oct 7, 2014	8855287
160	US	Selective call routing and blocking	Peter Bates	Jun 7, 2005	11146284	Oct 4, 2016	9462122
161	US	Conference calls and meetings via electronic messaging interface	Stephen Murphy, Karl Renner	Dec 12, 2005	11298981	Jan 22, 2013	8358762
162	US	Conference Calls and Meetings Via Electronic Messaging Interface	Stephen Murphy, Karl Renner	Sep 14, 2012	13617934	Jan 7, 2020	10530926
163	US	CONFERENCE CALLS AND MEETINGS VIA ELECTRONIC MESSAGING INTERFACE	Karl Renner, Stephen Murphy	Nov 15, 2019	16685828		

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164	US	Relevant multimedia advertising targeted based upon search query	Srinivasan (Vas) Sudanagunta, Karen Howe, Jennifer Lynn Kolar	Jul 1, 2005	11173799	Mar 6, 2018	9910920
165	US	Systems and Methods for Providing Media Content Over an Electronic Network	Srinivasan (Vas) Sudanagunta, Karen Howe, Jennifer Lynn Kolar	Feb 6, 2018	15890328	Sep 29, 2020	10789624
166	US	Systems and Methods for Providing Media Content Over an Electronic Network	Srinivasan (Vas) Sudanagunta, Karen Howe, Jennifer Lynn Kolar	Aug 25, 2020	17002528		
167	US	Promoting Interoperability of Presence-based Systems through the use of Ubiquitous online Identities	Larry L. Lu	Nov 20, 2006	11561877	Mar 31, 2015	8996620
168	US	Promoting Interoperability of Presence-based Systems through the use of Ubiquitous online Identities	Larry L. Lu	Nov 20, 2006	11561880	Jul 12, 2016	9392069
169	US	PRESENCE-BASED SYSTEMS AND METHODS USING ELECTRONIC MESSAGING	Larry L. Lu	Jun 24, 2016	15191752	Nov 21, 2017	9825889
170	US	Promoting Interoperability of Presence-based Systems through the use of Ubiquitous online Identities	Larry L. Lu	Nov 20, 2006	11561882	Mar 12, 2013	8396922
171	US	Presence-Based Systems and Methods Using Electronic Messaging Activity Data	Larry L. Lu	Nov 20, 2017	15817669	May 5, 2020	10645038

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172	US	Presence-Based Systems and Methods Using Electronic Messaging Activity Data	Larry L. Lu	Mar 31, 2020	16836165		
173	US	Searching Recent Content Publication Activity	Chris Armstrong, Alan Keister, Lark Dunham, Jennifer Granito, Steve Greenberg, Rakesh Agrawal, Michael Sommers, Carol Glover	Jan 10, 2007	11621924	Apr 24, 2012	8166061
174	US	Systems and methods for distributing published content among users of a social network	Chris Armstrong, Alan Keister, Lark Dunham, Jennifer Granito, Steve Greenberg, Rakesh Agrawal, Michael Sommers, Carol Glover	Jun 9, 2015	14735053	Jun 25, 2019	10334071
175	US	SYSTEMS AND METHODS FOR DISTRIBUTING PUBLISHED CONTENT AMONG USERS OF A SOCIAL NETWORK	Chris Armstrong, Alan Keister, Lark Dunham, Jennifer Granito, Steve Greenberg, Rakesh Agrawal, Michael Sommers, Carol Glover	May 10, 2019	16409100		
176	US	Rule-based playlist engine	Scott K. Brown, Allen Tom	Jan 3, 2007	11619554	Sep 24, 2013	8544050
177	US	Biasing of Search Result Clustering to Ensure more Effective Point of Interest (POI) Targeting	James Ridgeway	Aug 16, 2006	11465009	Jul 20, 2010	7761350

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178	US	Biasing of Search Result Clustering to Ensure more Effective Point of Interest (POI) Targeting	James Ridgeway	Jul 9, 2010	12833533	Feb 4, 2014	8645235
179	US	Digital Content Distribution and Subscription System	Depeng (Edward) Bi, Christopher S. Gladwin, Troy S. Denkinger, Timothy Scott Franklin, Bart Richard Cilfone, Anne Marie Walsh, Jeff J. Spurgat	Nov 6, 2001	10416321	Dec 10, 2013	8606684
180	US	Digital Content Distribution and Subscription System	Depeng (Edward) Bi, Christopher S. Gladwin, Troy S. Denkinger, Timothy Scott Franklin, Bart Richard Cilfone, Anne Marie Walsh, Jeff J. Spurgat	Dec 9, 2013	14100863	Jul 19, 2016	9397991
181	US	Digital Content Distribution and Subscription System	Depeng (Edward) Bi, Christopher S. Gladwin, Troy S. Denkinger, Timothy Scott Franklin, Bart Richard Cilfone, Anne Marie Walsh, Jeff J. Spurgat	Jun 20, 2016	15186838	Feb 6, 2018	9886566

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182	US	DIGITAL CONTENT DISTRIBUTION AND SUBSCRIPTION SYSEM	Depeng (Edward) Bi, Christopher S. Gladwin, Troy S. Denkinger, Timothy Scott Franklin, Bart Richard Cilfone, Anne Marie Walsh, Jeff J. Spurgat	Dec 22, 2017	15852155		
183	US	Displaying Complex Messaging Threads into a	Eric Staats	Aug 5, 2006	11462701	Jun 12, 2012	8200762
184	US	Displaying Complex Messaging Threads into a	Eric Staats	Jun 11, 2012	13493281	Dec 2, 2014	8903928
185	US	Displaying Complex Messaging Threads into a	Eric Staats	Dec 1, 2014	14557054	Nov 21, 2017	9825894
186	US	Displaying Complex Messaging Threads into a	Eric Staats	Oct 17, 2017	15786598	Dec 25, 2018	10163073
187	US	Displaying Complex Messaging Threads into a	Eric Staats	Nov 13, 2018	16188796	Jun 23, 2020	10692046
188	US	Internet Content Marking	Rakesh Agrawal	Oct 12, 2006	11548785	Jan 21, 2014	8635166
189	US	Internet Content Marking	Rakesh Agrawal	Jan 13, 2014	14153696		
190	US	Sharing Network Addresses	Timothy O'Shaughnessy	Oct 12, 2006	11548944	Dec 3, 2013	8601162
191	US	Sharing Network Addresses	Timothy O'Shaughnessy	Nov 8, 2013	14075610	Aug 29, 2017	9749392
192	US	Sharing Network Addresses	Timothy O'Shaughnessy	Aug 28, 2017	15688853	Mar 19, 2019	10237332
193	US	Sharing Network Addresses	Timothy O'Shaughnessy	Jan 29, 2019	16260874		
194	US	Exchanging Digital Content	David S. Bill	Dec 29, 2006	11618475	Nov 22, 2011	8064894
195	US	Exchanging Digital Content	David S. Bill	Oct 31, 2011	13285964	Sep 17, 2013	8538400
196	US	Exchanging Digital Content	David S. Bill	Sep 16, 2013	14027747	Dec 1, 2015	9203882
197	US	Exchanging Digital Content	David S. Bill	Nov 17, 2015	14943657	May 2, 2017	9641577
198	US	Location-based Parental Controls	David S. Bill	Dec 29, 2006	11618689	Dec 17, 2013	8611928

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199	US	Enabling an IM user to navigate a virtual world	David S. Bill	Sep 5, 2007	11850235	May 13, 2014	8726195
200	US	Enabling an IM user to navigate a virtual world	David S. Bill	May 6, 2014	14270744	Sep 12, 2017	9760568
201	US	ENABLING AN IM USER TO NAVIGATE A VIRTUAL	David S. Bill	Aug 14, 2017	15676994		
202	US	Server Evaluation of Client-Side Script	Richard Sanford, Jennifer Kolar, Tony Wiegering, Abdur Chowdhury	Apr 17, 2007	11736467	May 14, 2013	8443346
203	US	Popularity of Content Items	Abdur Chowdhury, Harmannus Vandermolen	Nov 1, 2006	11555526	Jan 29, 2013	8364669
204	US	Popularity of Content Items	Abdur Chowdhury, Harmannus Vandermolen	Jan 25, 2013	13750202	Apr 19, 2016	9317568
205	US	Popularity of Content Items	Abdur Chowdhury, Harmannus Vandermolen	Mar 11, 2016	15068487	May 16, 2017	9652539
206	US	Authority Management for Electronic Searches	Michael Sommers, Harmannus Vandermolen	Oct 10, 2006	11548055	Oct 28, 2014	8874586
207	US	Identifying Callers	Peter Bates, Monica Ingudam, Carolyn Cimmet	May 9, 2007	11746243	May 20, 2014	8731163
208	US	IP ADDRESS MANAGEMENT OF MULTIPLE DHCP SERVICES	Jasdip Singh, Kasper van Benten, Paul Roach, Jeff Isaksen, Markus Baur	Nov 16, 2007	11941897	Jun 12, 2018	9998423

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
209	US	IP Address Management of Multiple DHCP and DNS Servers	Jasdip Singh, Kasper van Benten, Markus Baur, Jeff Isaksen, Paul Roach, Christos Liacouras	Nov 16, 2007	11941901	Oct 14, 2014	8862735
210	US	Translating a network configuration request for a network control apparatus	Jasdip Singh, Kasper van Benten, Paul Roach, Jeff Isaksen, Markus Baur	May 9, 2018	15975561	Aug 11, 2020	10742597
211	US	Generating and Implementing A-lists to Manage User Relationships	Richard Landsman, William Wetherell, David Louie, Karl Dotter, Richard Kramer	Apr 25, 2008	12110052	Apr 10, 2012	8156098
212	US	Generating and Implementing A-lists to Manage User Relationships	Richard Landsman, William Wetherell, David Louie, Karl Dotter, Richard Kramer	Apr 9, 2012	13442621	Nov 15, 2016	9495685
213	US	Dynamic Aggregation and Display of Contextually Relevant Content	Eric Newman, James Lockett	Jun 18, 2007	11764462	Mar 29, 2011	7917840
214	US	Dynamic Aggregation and Display of Contextually Relevant Content	Eric Newman, James Lockett	Mar 22, 2011	13053917	Feb 18, 2014	8656264
215	US	Dynamic Aggregation and Display of Contextually Relevant Content	Eric Newman, James Lockett	Jan 8, 2014	14150450	Apr 4, 2017	9613008
216	US	Filtering incoming mails	Michael Connelly, Alex Quilici	May 15, 2008	12121268	Mar 4, 2014	8667069
217	US	Intelligent Deliverable Message Annotation	Kevin Luman, Trevor McFarland	Dec 7, 2007	11952424	Jun 7, 2016	9363239

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
218	US	Intelligent Deliverable Message Annotation	Kevin Luman, Trevor McFarland	Jun 1, 2016	15169800	Jul 25, 2017	9716682
219	US	Systems and Methods for Caching and Serving Dynamic Content	John Panzer, Vishwanathan Ramamurthy, Mohan Rao	Mar 28, 2008	12058547	Feb 5, 2013	8370424
220	US	Systems and Methods for Caching and Serving Dynamic Content	John Panzer, Vishwanathan Ramamurthy, Mohan Rao	Jan 22, 2013	13747302	May 27, 2014	8738691
221	US	Systems and Methods for Caching and Serving Dynamic Content	John Panzer, Vishwanathan Ramamurthy, Mohan Rao	May 23, 2014	14286935	Aug 28, 2018	10063615
222	US	Systems and Methods for Caching and Serving Dynamic Content	John Panzer, Vishwanathan Ramamurthy, Mohan Rao	Jul 23, 2018	16042322	Dec 3, 2019	10498797
223	US	Systems and Methods for Caching and Serving Dynamic Content	John Panzer, Vishwanathan Ramamurthy, Mohan Rao	Nov 8, 2019	16678437		
224	US	Electronic Mail Forwarding Service	Keith Martin Hamburg	Mar 4, 2009	12398044	Jul 3, 2012	8214443
225	US	Electronic Mail Forwarding Service	Keith Martin Hamburg	Jul 2, 2012	13540400	Jul 14, 2015	9082110
226	US	Systems and Methods for Forwarding Electronic Mail	Keith Martin Hamburg	Jun 22, 2015	14746267	Jul 18, 2017	9712469

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
227	US	Systems and Methods for Reporter-Based Filtering of Electronic Communications and Messages	Elena Zheleva	Jun 30, 2009	12458076	Sep 2, 2014	8825769
228	US	Systems and Methods for Reporter-Based Filtering of Electronic Communications and Messages	Elena Zheleva	Sep 1, 2014	14474282	May 31, 2016	9355245
229	US	Systems and Methods for Reporter-Based Filtering of Electronic Communications and Messages	Elena Zheleva	May 4, 2016	15146003	Nov 1, 2016	9485269
230	US	Systems and Methods for Creating and Updating Reputation Records	James Sargent, Sylvia Margot Romary, Jean-Jacques (JJ) Moortgat, Lachlan Maxwell, Michael Adkins, Ding Xiao	Sep 30, 2009	12570998	Nov 27, 2012	8321516
231	US	Systems and Methods for Creating and Updating Reputation Records	James Sargent, Sylvia Margot Romary, Jean-Jacques (JJ) Moortgat, Lachlan Maxwell, Michael Adkins, Ding Xiao	Sep 14, 2012	13620409	Oct 13, 2015	9160568
232	US	Systems and Methods for Improved Web Searching	Sean Christopher Timm, Sudhir Achuthan	Jun 1, 2010	12791481	May 8, 2012	8176069
233	US	Systems and Methods for Improved Web Searching	Sean Christopher Timm, Sudhir Achuthan	May 7, 2012	13465466	Mar 12, 2013	8396885
234	US	Systems and Methods for Improved Web Searching	Sean Christopher Timm, Sudhir Achuthan	Mar 11, 2013	13794534	Nov 18, 2014	8892592

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235	US	Systems and Methods for Improved Web Searching	Sean Christopher Timm, Sudhir Achuthan	Nov 17, 2014	14543752	Sep 20, 2016	9449101
236	US	Systems and Methods for Improved Web Searching	Sean Christopher Timm, Sudhir Achuthan	Aug 15, 2016	15237463		
237	US	Systems and Methods for Electronic Distribution of Messages Over Communication Channels	William Wetherell, David Louie, Jeff Sabat	Jan 20, 2011	13010265	Nov 6, 2018	10122662
238	US	Systems and Methods for Electronic Distribution of Messages Over Communication Channels	William Wetherell, David Louie, Jeff Sabat	Oct 4, 2018	16152016		
239	US	Systems and Methods for Transferring Application State Between Devices Based on Gestural Input	Norihiro Edwin Aoki, Christina Ann Wick, Todd Brannam, Leotis Givens	Mar 30, 2012	13436171	Apr 21, 2020	10630795
240	US	Systems and Methods for Transferring Application State Between Devices Based on Gestural Input	Norihiro Edwin Aoki, Christina Ann Wick, Todd Brannam, Leotis Givens	Mar 11, 2020	16816066		
241	US	Systems and Methods for Analyzing and Clustering Search Queries	Sudhir Achuthan, Sangchul Song, Sean Christopher Timm, Vineet Mahajan, Travis Walker	Jan 24, 2012	13357385	Aug 4, 2015	9098571
242	US	System and methods for profiling client devices	Scott Dorfman, Richard Rodriguez-Val	Dec 14, 2012	13714745	Dec 9, 2014	8910254
243	US	Systems and Methods for Profiling Client Devices	Scott Dorfman, Richard Rodriguez-Val	Dec 8, 2014	14563886	Jun 21, 2016	9374372

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244	US	Systems and Methods for Profiling Client Devices	Scott Dorfman, Richard Rodriguez-Val	Jun 20, 2016	15186858	May 16, 2017	9654480
245	US	Systems and Methods for Providing and Updating Live-Streaming Online Content in an Interactive Web Platform	Gabriel Lewis, Roy Sekoff, Mitchell R. Semel, Kim-Leigh Pontin, Adam Denenberg	Jan 7, 2013	13735927	Feb 5, 2019	10198152
246	US	Systems and Methods for Providing and Updating Live-Streaming Online Content in an Interactive Web Platform	Gabriel Lewis, Roy Sekoff, Mitchell R. Semel, Kim-Leigh Pontin, Adam Denenberg	Dec 19, 2018	16226300		
247	US	Systems and Methods for Processing and Organizing Electronic Content	William Wetherell, Josh Ramirez, Marc A. Katchay, Gabriela Moore, David Louie, Douglas Hamman, Brian Behnke, Kiersten Lammerding	May 2, 2013	13886211	Nov 7, 2017	9811586
248	US	Systems and Methods for Processing and Organizing Electronic Content	William Wetherell, Joshua Ramirez, Marc A. Katchay, Gabriela Moore, David Louie, Douglas Hamman, Brian Behnke, Kiersten Lammerding	Oct 18, 2017	15787385	Dec 24, 2019	10515107

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249	US	Systems and Methods for Processing and Organizing Electronic Content	William Wetherell, Joshua Ramirez, Marc A. Katchay, Gabriela Moore, David Louie, Douglas Hamman, Brian Behnke, Kiersten Lammerding	Nov 15, 2019	16685716		
250	US	Systems and Methods for Providing Social Games for Computing Devices	Sol Lipman, Luan Tran, Julie Vaughn, Jacob Knobel, Ethan Nagel, Stacy Nagel, David Blundell, David Robinson	Mar 15, 2013	13837204	Mar 15, 2016	9283477
251	US	Systems and Methods for Generating and Presenting Augmented Video Content	Nicholas Roveta, Leon Farrell, Alexander Marshall	Nov 6, 2013	14073683	Sep 3, 2019	10403042
252	US	Systems and Methods for Generating and Presenting Augmented Video Content	Nicholas Roveta, Leon Farrell, Alexander Marshall	Jul 11, 2019	16509120		
253	US	Systems and Methods for Facilitating the Sharing of Digital Bundles of Services Between Users	Benjamin Hills, Umesh Chhatre, George Fletcher, Joyce Cruickshank	May 3, 2013	13887255	Jan 31, 2017	9558333
254	US	Systems and Methods for Providing Meta-Social Graphs	George Fletcher, Lachlan Maxwell, Travis Walker	Oct 28, 2013	14065216	Apr 25, 2017	9633376
255	US	COMPUTER-IMPLEMENTED SYSTEMS AND METHODS FOR SERVICE ACCESS CONTROL	Benjamin Hills, Umesh Chhatre, George Fletcher, Joyce Cruickshank	Feb 12, 2018	15894915		

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256	US	Systems and Methods For Aggregating Information and Providing Access To Multiple Web Services Through An Interactive User Interface	Oliver Steele, David Temkin, Jim Sabia	Mar 14, 2014	14212658	Mar 21, 2017	9600158
257	US	Systems and Methods for Challenge-response Animation and	Scott Dorfman	Mar 18, 2010	12726708	Aug 20, 2013	8516606
258	US	Systems and Methods for Challenge-response Animation and	Scott Dorfman	Sep 14, 2012	13620347	Jul 1, 2014	8769707
259	US	Systems and Methods for Challenge-response Animation and	Scott Dorfman	Aug 19, 2013	13969852	Dec 9, 2014	8910308
260	US	Computer-Implemented Methods and Systems for Testing Online Systems and Content	Jeff Wilson	Dec 9, 2010	12964420	Oct 1, 2013	8549357
261	US	Computer-Implemented Methods and Systems for Testing Online Systems and Content	Jeff Wilson	Sep 30, 2013	14040882	Jul 29, 2014	8793534
262	US	Computer-Implemented Methods and Systems for Testing Online Systems and Content	Jeff Wilson	Jun 27, 2014	14317085	Sep 13, 2016	9442820
263	US	Systems And Methods For Electronic Distribution of Job Listings	Alexander Rudloff	Oct 26, 2010	12912644	Feb 2, 2016	9251516

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264	US	Systems and Methods for Building and Using Social Networks In Image Analysis	Barry Appelman, Sharon M. Perlmutter, Keren Perlmutter	Aug 5, 2008	12186270	Jun 21, 2016	9373076
265	US	Systems and Methods for Building and Using Social Networks In Image Analysis	Barry Appelman, Sharon M. Perlmutter, Keren Perlmutter	May 23, 2016	15162097	Jul 11, 2017	9704026
266	US	Systems and Methods for Protecting Consumer Privacy in Online Advertising Environments	Jeff Wilson	Mar 7, 2011	13041768	Sep 17, 2013	8538817
267	US	Router-host Logging	Jeffrey Damick, Sean Cunningham	Apr 3, 2006	11395540	Sep 6, 2016	9438683
268	US	Router-host Logging	Jeffrey Damick, Sean Cunningham	Aug 15, 2016	15237273	Jun 2, 2020	10673985
269	US	Systems and Methods for Online Search Recirculation and Query Categorization	Vaijanath N. Rao, Ian Holsman	Jun 9, 2011	13156724	Apr 29, 2014	8712999
270	US	Personalized Content	Gilbert G. Weigand	Nov 27, 2006	11563663	Nov 18, 2014	8893196
271	US	Enhanced Buddy List Interface	Mitchell Green, Roger Chickering	Nov 18, 2003	10715205	Aug 4, 2015	9100218
272	US	Enhanced Buddy List Interface	Mitchell Green, Roger Chickering, David Gang	Jul 17, 2015	14802923	Jul 12, 2016	9391941
273	US	Enhanced Buddy List Interface	Mitchell Green, Roger Chickering	Jul 8, 2016	15206059	Apr 11, 2017	9621502
274	US	IM Application Configuration Based On Virtual World Activities	David S. Bill	Aug 18, 2014	14462500		
275	US	Annotated Communication	Yan Cheng, Larry L. Lu	Nov 7, 2007	11936373	Sep 13, 2016	9444898

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276	US	Systems and Methods for Identifying and Notifying Users of Electronic Content Based on Biometric	Rajani Chand C, Guoning Hu, Abhinav Sarje	Jun 9, 2011	13156747	Dec 3, 2013	8601076
277	US	Systems and Methods for Identifying and Notifying Users of Electronic Content Based on Biometric	Rajani Chand C, Guoning Hu, Abhinav Sarje	Dec 2, 2013	14094119	Nov 8, 2016	9489626
278	US	Conditional Advertising For Instant Messaging	Orey Gilliam	Jul 23, 2007	11781484	Jul 25, 2017	9715677
279	US	CONDITIONAL ADVERTISING FOR INSTANT MESSAGING	Orey Gilliam	Jun 23, 2017	15632292		
280	US	Packaging Web Content for Reuse	Shawn Carnell, Joseph Dzikiewicz, Kevin Lawver, Paul Maneesilasan	Oct 30, 2006	11554449	Aug 24, 2010	7783967
281	US	Configuring output controls on a per-online identity and/or a per-online resource	Alexander Franco, David S. Bill	Oct 2, 2007	11865852	May 10, 2016	9338399
282	US	Configuring Output Controls on a Per-Online Identity or a Per-Online Resource Basis	Alexander Franco, David S. Bill	Apr 18, 2016	15131245		
283	US	Concatenated Audio Messages	Barry Appelman, Stephen Murphy	Dec 30, 2003	10747699	Mar 2, 2010	7672439
284	US	Concatenated Audio Messages	Barry Appelman, Stephen Murphy	Feb 26, 2010	12713254	Apr 12, 2011	7924996
285	US	Popularity Index	Andrew L. Wick, Jeremy Rephlo, June Herold, Eric Bosco	Aug 15, 2006	11464816	Aug 22, 2017	9742615

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286	US	Systems and methods for determining the popularity of a user based on aggregated popularity measurements of other	Andrew L. Wick, Jeremy Rephlo, June Herold, Eric Bosco, Justin Uberti	Aug 2, 2017	15667588	Jun 9, 2020	10681170
287	US	Systems And Methods For Customized Electronic Communications	Marcel Becker, Seth Halvaksz, William Wetherell, Alan Eyzaguirre	Sep 23, 2011	13242301	Dec 17, 2013	8612477
288	US	Systems And Methods For Customized Electronic Communications	Marcel Becker, Seth Halvaksz, William Wetherell, Alan Eyzaguirre	Dec 4, 2013	14096135	Jul 14, 2015	9081824
289	US	Systems And Methods For Customized Electronic Communications	Marcel Becker, Seth Halvaksz, William Wetherell, Alan Eyzaguirre	Jun 22, 2015	14745559	Oct 30, 2018	10114869
290	US	Systems And Methods For Customized Electronic Communications	Marcel Becker, Seth Halvaksz, William Wetherell, Alan Eyzaguirre	Sep 17, 2018	16133138		
291	US	Online Adaptive Filtering of Messages	Joshua Alspector, Aleksander Kolcz	Dec 23, 2003	10743015	Jul 3, 2012	8214437
292	US	Online Adaptive Filtering of Messages	Joshua Alspector, Aleksander Kolcz	Jul 3, 2012	13541033	Aug 5, 2014	8799387
293	US	Online Adaptive Filtering of Messages	Joshua Alspector, Aleksander Kolcz	Aug 5, 2014	14452224	Feb 23, 2016	9270625
294	US	Matching Members with Shared Interests	David Gang	Nov 10, 2003	10703662	Feb 7, 2017	9563708

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295	US	Window Resizing in a Graphical User Interface	Roy Ben-Yoseph, Iain Langridge, Cian Chang	May 11, 2007	11747819	Jun 11, 2013	8464177
296	US	Systems and Methods for Query Optimization	Tao Cheng	Oct 12, 2011	13271561	Sep 8, 2015	9128983
297	US	Systems and Methods for Query Optimization	Tao Cheng	Aug 7, 2015	14821381	Apr 4, 2017	9613088
298	US	Electronic Processing and Presentation of Search Results	Tony Wiegering, Harmannus Vandermolen	Oct 31, 2006	11589991	Feb 9, 2016	9256675
299	US	Storing Fingerprints of Multimedia Streams For The Presentation of Search	Tony Wiegering, Harmannus Vandermolen	Jan 11, 2016	14993038	May 23, 2017	9659094
300	US	Managing Advertising Inventory	G. Thomas Des Jardins, Paul Miller, Jeffrey D. Porter, Bryan Slavin	Mar 24, 2005	11088263		
301	US	Mobile communications	Joshua Weinstein	Dec 29, 2004	11023632	Feb 23, 2016	9270769
302	US	Client Web Cache	Richard Landsman, Sailu Reddy	Feb 6, 2008	12026772	Aug 12, 2014	8805950
303	US	Community Generated	Adam Beguelin	Jan 7, 2008	11970461	Jul 19, 2016	9396195
304	US	Collaborative User Query Refinement	Abdur Chowdhury, Harmannus Vandermolen, Eric C. Jensen	Dec 19, 2006	11613004	Mar 30, 2010	7689540
305	US	Systems and Methods for Performing Contextual Classification Using Supervised and	Thu Kyaw, Sangchul Song, Vineet Mahajan, Elena Haliczer	Oct 3, 2012	13573727	Aug 11, 2015	9104655

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306	US	SYSTEMS AND METHOD FOR PERFORMING CONTEXTUAL CLASSIFICATION USING SUPERVISED AND UNSUPERVISED TRAINING	Thu Kyaw, Sangchul Song, Vineet Mahajan, Elena Haliczer	Jul 6, 2015	14792585	Feb 18, 2020	10565519
307	US	SYSTEMS AND METHOD FOR PERFORMING CONTEXTUAL CLASSIFICATION USING SUPERVISED AND UNSUPERVISED TRAINING	Thu Kyaw, Sangchul Song, Vineet Mahajan, Elena Haliczer	Jan 8, 2020	16737581		
308	US	Systems and methods for testing online systems and content	Jeff Wilson	Feb 8, 2013	13763343	Dec 13, 2016	9521166
309	US	Systems and Methods For Processing Electronic Content	Conor-White Sullivan, Brandon Diamond, Michael DiScala, Matthew Conlen, Andrew Sass	May 31, 2017	15610546	Oct 16, 2018	10102207
310	US	Systems and Methods For Processing Electronic Content	Conor-White Sullivan, Brandon Diamond, Michael DiScala, Matthew Conlen, Andrew Sass	Sep 7, 2018	16125356		
311	US	Distributed Image Storage Architecture	Gary Tessman, Pat Lippert, Tim Hayman	Dec 10, 2001	10007696	Mar 27, 2007	7197513
312	US	Distributed Image Storage Architecture	Gary Tessman, Pat Lippert, Tim Hayman	Sep 25, 2006	11534920	Apr 28, 2009	7526511
313	US	Identifying Unauthorized Communication Systems Based on Their Memory	Andrew L. Wick, Robert G. Watkins	Sep 1, 2005	11216027	Apr 7, 2009	7516496

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314	US	Systems and Methods for Managing Digital Assets	Travis Walker, Shawn Carnell, Stephanie Vaughn Hapke, Edward Deegan, Patrick Fitzsimmons	Apr 18, 2014	14256622		
315	US	SYSTEMS AND METHODS FOR GENERATING AND MANAGING AUDIO	Brandon Diamond, Alexandra Berke, Ilana Sufrin, Robb Monn	Oct 10, 2014	14512334		
316	US	Computerized Systems and Methods for Graph Data Modeling	Travis Walker, Mohammad Suhale MALANG KHADER	Dec 1, 2014	14557410	May 14, 2019	10290126
317	US	Computerized Systems and Methods for Graph Data Modeling	Travis Walker, Mohammad Suhale MALANG KHADER	Apr 2, 2019	16373109		
318	US	Pairing Systems and Methods For Electronic Communications	Lachlan Maxwell, Donald Jeffrey (Jeff) McQueen	Dec 8, 2015	14963164	Feb 5, 2019	10198517
319	US	PAIRING SYSTEMS AND METHODS FOR ELECTRONIC COMMUNICATIONS	Lachlan Maxwell, Donald Jeffrey (Jeff) McQueen	Dec 21, 2018	16229366		
320	US	Method of Disseminating Advertisements using an Embedded Media Player	Monte Duane Hayward	Oct 24, 2001	10415021	Feb 21, 2012	8122236
321	US	Method of Disseminating Advertisements Using an Embedded Media Player	Monte Duane Hayward	Feb 17, 2012	13399602	Nov 26, 2013	8595475
322	US	Method of Disseminating Advertisements Using an Embedded Media Player	Monte Duane Hayward	Oct 9, 2013	14049827	Aug 26, 2014	8819404

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323	US	Method of Disseminating Advertisements Using an Embedded Media Player	Monte Duane Hayward	Jul 3, 2014	14323977	Mar 14, 2017	9595050
324	US	Methods And Systems For Collecting Data For Media	Monte Duane Hayward	Oct 24, 2001	10415216	Dec 7, 2010	7849160
325	US	Method of Sizing an Embedded Media Player	Monte Duane Hayward	Oct 24, 2001	10415210	Dec 23, 2014	8918812
326	US	Systems and Methods for Rendering Content	Monte Duane Hayward	Dec 4, 2014	14560044	Sep 27, 2016	9454775
327	US	Digital Asset Management System (DAMS)	Lucas McGregor, Michael Depoli, Adrian Gould, Chad Hill, Michael Thomas Ritchie, Kyle Kincaid, Glenn Lingle, Joseph Provost, Maria Vazquez	Oct 7, 2015	14877911	Nov 7, 2017	9811576
328	US	Digital Asset Management System (DAMS)	Lucas McGregor, Michael Depoli, Adrian Gould, Chad Hill, Michael Thomas Ritchie, Kyle Kincaid, Glenn Lingle, Joseph Provost, Maria Vazquez	Oct 23, 2017	15790311		
329	US	Systems and Methods for Administering an Online Advertiser Bidding Interface	Jamie Fellows, Brent Halliburton, Eric Bosco	Sep 23, 2009	12565187		
330	US	METHODS AND SYSTEMS FOR VISUALLY DISTINGUISHING USER ATTRIBUTE SIMILARITIES	Rakesh Agrawal	Dec 18, 2007	12000846	Apr 2, 2013	8413060

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331	US	METHODS AND SYSTEMS FOR RESTRICTING ELECTRONIC CONTENT ACCESS BASED ON GUARDIAN CONTROL	Chin Hew, Thu Kyaw	Dec 18, 2007	12000843	Jan 1, 2013	8346953
332	US	METHODS AND SYSTEMS FOR RESTRICTING ELECTRONIC CONTENT ACCESS BASED ON GUARDIAN CONTROL	Chin Hew, Thu Kyaw	Dec 19, 2012	13720443	Mar 18, 2014	8677000
333	US	Methods and system for providing location-based communication services	Vincent Oh	Aug 28, 2008	12230357	Oct 1, 2013	8548503
334	US	Methods and system for providing location-based communication services	Vincent Oh	Sep 13, 2013	14026047	Oct 6, 2015	9154561
335	US	Methods and system for providing location-based communication services	Vincent Oh	Sep 29, 2015	14868772	Jul 11, 2017	9705996
336	US	Systems and methods for improved web-based document retrieval and object manipulation	David Ryan Artz	Jun 19, 2009	12457758	Oct 17, 2017	9792385
337	US	Systems and Methods for Improved Web-Based Document Retrieval and Object Manipulation	David Ryan Artz	Sep 22, 2017	15713568	Sep 17, 2019	10417300

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338	US	Systems and Methods for Improved Web-Based Document Retrieval and Object Manipulation	David Ryan Artz	Aug 7, 2019	16534686		
339	US	Systems and Methods for Identifying Electronic	Pallavi Palleti, Rohini Uppuluri, Ian Holsman	Apr 9, 2010	12757342	Sep 12, 2017	9760643
340	US	Establishing Access Controls in A Premise-Based	Larry L. Lu, Patrick Meenan	Dec 30, 2002	10330542	Jun 18, 2013	8468578
341	US	Establishing Access Controls in A Premise-Based	Larry L. Lu, Patrick Meenan	Jun 17, 2013	13919969	Nov 22, 2016	9503459
342	US	Chat Preview	Kristine Krantz, Peiliang Pan, Daniel Ernest Smith	Dec 23, 2004	11019537	May 14, 2013	8443041
343	US	Chat Room Viewing	Kristine Krantz, Peiliang Pan, Daniel Ernest Smith	May 13, 2013	13893233	Jan 19, 2016	9240963
344	US	Systems and Methods for Previewing Communications Sessions	Kristine Krantz, Peiliang Pan, Daniel Ernest Smith	Dec 29, 2015	14983389	Jan 31, 2017	9559994
345	US	Application Unlock	Chin Hew, Thu Kyaw	Mar 23, 2015	14665161	Jun 21, 2016	9374379
346	US	Client Application Fingerprinting Based on Analysis of Client Requests	William Salusky, Mark Thomas	Jul 21, 2008	12176603	Aug 14, 2012	8244799
347	US	Client Application Fingerprinting Based on Analysis of Client Requests	William Salusky, Mark Thomas	Aug 13, 2012	13584494	Apr 8, 2014	8694608
348	US	Client Application Fingerprinting Based on Analysis of Client Requests	William Salusky, Mark Thomas	Mar 26, 2014	14225583	Feb 2, 2016	9251258
349	US	Client Application Fingerprinting Based on Analysis of Client Requests	William Salusky, Mark Thomas	Dec 31, 2015	14985848	Jan 1, 2019	10169460

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350	US	Client Application Fingerprinting Based on Analysis of Client Requests	William Salusky, Mark Thomas	Nov 21, 2018	16197516		
351	US	Method and System For Rule Based Indexing of Multiple Data Structures	Jonathan Nowitz, Jennifer Weis, Julie L. Trott, Srinivasan (Vas) Sudanagunta, Austin David Dahl, Michael Gerald Maitlen	Jul 23, 2003	10625141	Dec 11, 2007	7308464
352	US	Metadata Quality Improvement	Charles A. Porter, Aram Christian Abajian, Ken Alan Berkun, Austin David Dahl, John Anthony Derosa, Eric Carl Rehm, Srinivasan (Vas) Sudanagunta, Jonathan Nowitz, Robin Andrew Alexander, Scott Chao-Chueh Lee	Jun 8, 2001	09876942	Apr 12, 2011	7925967
353	US	Messaging Gateway For Directory And Anonymous Services	John Ernest Keeling, Barry Appelman	Sep 15, 2005	11226455	Jul 8, 2014	8774381
354	US	Messaging Gateway For Directory And Anonymous Services	John Ernest Keeling, Barry Appelman	Jun 27, 2014	14318152	Jul 12, 2016	9391991
355	US	Personalizing Content Using An Intermediary Bridge	David S. Bill	May 30, 2003	10448316	Jul 10, 2007	7243104
356	US	Personalizing Content Based On Mood	David S. Bill	Dec 30, 2004	11025881	Jul 27, 2010	7764311

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357	US	Personalizing Content Based On Mood	David S. Bill	Jun 30, 2010	12827788	Feb 12, 2013	8373768
358	US	Personalizing Content Based On Mood	David S. Bill	Feb 4, 2013	13758514	Sep 1, 2015	9122752
359	US	Searching Electronic Content in Instant-Messaging	Jennifer Granito	Sep 29, 2005	11238129	Oct 12, 2010	7814100
360	US	Page views for proxy servers	Eric O'Laughlen, Karl Renner, Kevin Greene	Dec 30, 2005	11321043	Sep 27, 2011	8028059
361	US	Page views for proxy servers	Eric O'Laughlen, Karl Renner, Kevin Greene	Sep 23, 2011	13243828	Jul 22, 2014	8788616
362	US	Page views for proxy servers	Eric O'Laughlen, Karl Renner, Kevin Greene	Jun 20, 2014	14311234	Oct 16, 2018	10104191
363	US	ANNOTATION OF DIGITAL ITEMS IN A SHARED LIST	June Herold	Oct 18, 2005	11252012	Apr 3, 2012	8151358
364	US	ANNOTATION OF DIGITAL ITEMS IN A SHARED LIST	June Herold	Mar 16, 2012	13423001	Jun 2, 2020	10671803
365	US	Providing a user interface	David G. Besbris, Joseph Raymond Hewitt, Sreekant Kotay, Ke Ning, John D. Robinson, Michael Gary Wright, Veronica Marie Early, Rizwan Sattar, Peter David Hirschberg, Corey Robert Lucier, Todd Brannam	Apr 25, 2006	11410301	Sep 22, 2015	9141402

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
366	US	Providing a user interface	David G. Besbris, Joseph Raymond Hewitt, Sreekant Kotay, Ke Ning, John D. Robinson, Michael Gary Wright, Veronica Marie Early, Rizwan Sattar, Peter David Hirschberg, Corey Robert Lucier, Todd Brannam	Sep 15, 2015	14855311	Mar 6, 2018	9910567
367	US	SYSTEMS AND METHODS FOR WEB SITE CUSTOMIZATION BASED ON	Jeff Reynar, Robert Sewell, Jason Watson	Oct 20, 2011	13277664	Apr 25, 2017	9633122
368	US	Systems and Methods for Identifying and Managing Topical Content for	Ian Holsman, Sultana Darya	Aug 8, 2011	13205172	Aug 26, 2014	8819022
369	US	Systems and Methods for Identifying and Managing Topical Content for	Ian Holsman, Sultana Darya	Jul 9, 2014	14327473	May 12, 2020	10650074
370	US	EVALUATING SUPPLY OF ELECTRONIC CONTENT RELATING TO KEYWORDS	Ian Holsman	Mar 21, 2011	13052607	Aug 5, 2014	8799297
371	US	Personalized Content	Gilbert G. Weigand	Oct 24, 2014	14523158	Aug 9, 2016	9414103
372	US	PERSONALIZED CONTENT	Gilbert G. Weigand	Jul 26, 2016	15219970	Oct 10, 2017	9788038
373	US	Personalized Content	Gilbert G. Weigand	Sep 13, 2017	15703931	Jul 16, 2019	10356463
374	US	Personalized Content	Gilbert G. Weigand	Jun 5, 2019	16432761	Sep 8, 2020	10771834
375	US	REDUCING LATENCIES IN WEB PAGE RENDERING	Sailu Reddy, Sripal Togaru, Christian Trillo	Jul 18, 2005	11183184	Oct 13, 2015	9158845

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
376	US	USING RELEVANCE FEEDBACK IN FACE RECOGNITION	Joshua Alspector, Sharon M. Perlmutter, Keren Perlmutter, Pietro Perona, Alex Holub, Andrew Zisserman, Mark Everingham	May 10, 2006	11382671	Aug 24, 2010	7783085
377	US	USING RELEVANCE FEEDBACK IN FACE RECOGNITION	Joshua Alspector, Sharon M. Perlmutter, Keren Perlmutter, Pietro Perona, Alex Holub, Andrew Zisserman, Mark Everingham	Aug 3, 2010	12849134	Jun 5, 2012	8194939
378	US	USING RELEVANCE FEEDBACK IN FACE RECOGNITION	Keren Perlmutter, Sharon M. Perlmutter, Joshua Alspector, Mark Everingham, Alex Holub, Andrew Zisserman, Pietro Perona	Oct 23, 2013	14061522	Sep 26, 2017	9773160
379	US	MECHANISM FOR RENDERING ADVERTISING OBJECTS INTO FEATURED	David S. Bill	Aug 4, 2006	11462565	Apr 2, 2013	8413182
380	US	MECHANISM FOR RENDERING ADVERTISING OBJECTS INTO FEATURED	David S. Bill	Feb 28, 2013	13780044	Jun 3, 2014	8745660
381	US	USING A HOME-NETWORKING GATEWAY TO MANAGE	Jean-Emmanuel Fontaine	Dec 29, 2003	10746560	Jun 28, 2011	7970863

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382	US	USING A HOME-NETWORKING GATEWAY TO MANAGE	Jean-Emmanuel Fontaine	Jun 10, 2011	13157559	Mar 25, 2014	8683011
383	US	USING A HOME-NETWORKING GATEWAY TO MANAGE	Jean-Emmanuel Fontaine	Dec 30, 2013	14143766	Aug 30, 2016	9432246
384	US	Systems And Methods For Managing Electronic Content	Eric Passmore, Sudhir Achuthan, Sean Christopher Timm, Travis Walker, Vineet Mahajan	Jul 28, 2010	12845307		
385	US	DETECTING FACIAL SIMILARITY BASED ON HUMAN PERCEPTION OF FACIAL SIMILARITY	Sharon M. Perlmutter, Keren Perlmutter, Joshua Alspector, Alex Holub, Mark Everingham, Pietro Perona, Andrew Zisserman	May 10, 2006	11382657	Mar 15, 2011	7907755
386	US	DETECTING FACIAL SIMILARITY BASED ON HUMAN PERCEPTION OF FACIAL SIMILARITY	Sharon M. Perlmutter, Keren Perlmutter, Joshua Alspector, Alex Holub, Mark Everingham, Pietro Perona, Andrew Zisserman	Feb 10, 2011	13024383	Jul 31, 2012	8233679

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387	US	DETECTING FACIAL SIMILARITY BASED ON HUMAN PERCEPTION OF FACIAL SIMILARITY	Sharon M. Perlmutter, Keren Perlmutter, Joshua Alspector, Alex Holub, Mark Everingham, Pietro Perona, Andrew Zisserman	Jul 16, 2012	13549959	Sep 24, 2013	8542888
388	US	DETECTING FACIAL SIMILARITY BASED ON HUMAN PERCEPTION OF FACIAL SIMILARITY	Sharon M. Perlmutter, Keren Perlmutter, Joshua Alspector, Alex Holub, Mark Everingham, Pietro Perona, Andrew Zisserman	Aug 29, 2013	14013096	Sep 22, 2015	9141878
389	US	SORTING ELECTRONIC MESSAGES USING ATTRIBUTES OF THE SENDER	Phillip Goldman, Richard Landsman	Apr 18, 2003	10418373	Oct 30, 2007	7290033
390	US	SORTING ELECTRONIC MESSAGES USING ATTRIBUTES OF THE SENDER	Phillip Goldman, Richard Landsman	Aug 21, 2007	11842792	Nov 10, 2009	7617286
391	US	SORTING ELECTRONIC MESSAGES USING ATTRIBUTES OF THE SENDER	Phillip Goldman, Richard Landsman	Mar 30, 2009	12414568	May 17, 2011	7945633
392	US	SORTING ELECTRONIC MESSAGES USING ATTRIBUTES OF THE SENDER	Phillip Goldman, Richard Landsman	Apr 7, 2011	13081705	Oct 9, 2012	8285803
393	US	SORTING ELECTRONIC MESSAGES USING ATTRIBUTES OF THE SENDER	Phillip Goldman, Richard Landsman	Sep 14, 2012	13616441	Dec 3, 2013	8601111

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394	US	SORTING ELECTRONIC MESSAGES USING ATTRIBUTES OF THE SENDER	Phillip Goldman, Richard Landsman	Oct 31, 2013	14068978	Aug 4, 2015	9100358
395	US	SORTING ELECTRONIC MESSAGES USING ATTRIBUTES OF THE SENDER	Phillip Goldman, Richard Landsman	Jul 15, 2015	14799701	May 30, 2017	9667583
396	US	CONTENT DISTRIBUTION TRACKING THROUGH WIRELESS MESH NETWORKS	David S. Bill	Aug 9, 2006	11463371	Nov 26, 2013	8595348
397	US	Systems and Methods for Adjusting a Wireless Network Based on	David S. Bill	Oct 31, 2013	14068723	Mar 29, 2016	9300567
398	US	Systems and Methods for Providing a Topology of a Wireless Network	David S. Bill	Mar 1, 2016	15058059	Mar 3, 2020	10581693
399	US	Systems and Methods for Providing a Topology of a Wireless Network	David S. Bill	Jan 23, 2020	16750394		
400	US	Systems and Methods for Web Page Optimization	Ian Holsman, Sultana Darya	Aug 23, 2011	13215818	Nov 15, 2016	9495681
401	US	MIGRATING CONFIGURATION INFORMATION BASED ON	Patrick Meenan, Fady Semaan	Oct 31, 2002	10284486	Jul 6, 2010	7752329
402	US	MIGRATING CONFIGURATION INFORMATION BASED ON	Patrick Meenan, Fady Semaan	Jun 21, 2010	12819448	Sep 25, 2012	8275900
403	US	MIGRATING CONFIGURATION INFORMATION BASED ON	Patrick Meenan, Fady Semaan	Sep 14, 2012	13616006	Jan 24, 2017	9553738

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
404	US	NETWORK PERSONAL DIGITAL VIDEO RECORDER SYSTEM	Brett O'Brien, Sean Whiteley, Lucas McGregor, Martin Hald	Jul 12, 2019	16509851		
405	US	Systems and Methods for Providing a Spam Database and Identifying Spam Communications	Rakesh Nigam, Santosh B.C., Sivakumar Ekambaram, James Sargent, Jean-Jacques (JJ) Moortgat, Senthil Selvaraj	Jul 11, 2011	13179863	Aug 2, 2016	9407463
406	US	Systems And Methods For Organizing And Displaying Electronic Media Content	Rajani Chand C, Moninder Jheeta, Brett Barros	Mar 11, 2011	13046253	Jun 14, 2016	9367615
407	US	Systems And Methods For Organizing And Displaying Electronic Media Content	Rajani Chand C, Moninder Jheeta, Brett Barros	May 17, 2016	15156836		
408	US	Systems and Methods for Location Tracking in a Social Network	Gregory Cypes, Shawn Carnell, Rizwan Sattar, Steve Chipman, Justin Cohen, Neil Cohen, Andrew L. Wick, Amy M. Craig	Mar 11, 2011	13046373	Jan 17, 2017	9547844
409	US	Providing Geocoded Targeted Web Content	Robert Deeming, Steven B. Johnson	Sep 9, 2008	12207086	Jun 25, 2013	8473335
410	US	Providing Geocoded Targeted Web Content	Robert Deeming, Steven B. Johnson	Jun 6, 2013	13911653	Jan 22, 2019	10187453
411	US	Providing Geocoded Targeted Web Content	Robert Deeming, Steven B. Johnson	Dec 7, 2018	16213798		

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
412	US	Systems and Methods for Providing a Content Item Database and Identifying Content Items	Santosh B.C, Saurabh Sohoney, Sivakumar Ekambaram, Rakesh Nigam	Jul 11, 2011	13179940	Feb 10, 2015	8954458
413	US	PERSONALIZATION TECHNIQUES USING IMAGE CLOUDS	Mike Macadaan, David Liu, William Wetherell, James Simmons, Sudhir Tonse, Arun Ranganathan	Jan 23, 2008	12018524	Jul 25, 2017	9715543
414	US	PERSONALIZATION TECHNIQUES USING IMAGE CLOUDS	Mike Macadaan, David Liu, William Wetherell, James Simmons, Sudhir Tonse, Arun Ranganathan	Jun 30, 2017	15640431	Jul 7, 2020	10706112
415	US	PERSONALIZATION TECHNIQUES USING IMAGE CLOUDS	Mike Macadaan, David Liu, James Simmons, Wendy Charlene Perlson, William Wetherell, Rob Metzgar	Jan 23, 2008	12018622	Aug 2, 2016	9405830
416	US	PEER-TO-PEER ACCESS OF PERSONALIZED PROFILES USING CONTENT INTERMEDIARY	Sudhir Tonse, Arun Ranganathan, Brock Daniel LaPorte, Mike Macadaan, David Liu	Feb 14, 2008	12031389	Dec 17, 2013	8612869
417	US	PEER-TO-PEER ACCESS OF PERSONALIZED PROFILES USING CONTENT INTERMEDIARY	Sudhir Tonse, Arun Ranganathan, Brock Daniel LaPorte, Mike Macadaan, David Liu	Dec 16, 2013	14107989	Sep 22, 2015	9141972

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
418	US	PEER-TO-PEER ACCESS OF PERSONALIZED PROFILES USING CONTENT INTERMEDIARY	Sudhir Tonse, Arun Ranganathan, Brock Daniel LaPorte, Mike Macadaan, David Liu	Sep 3, 2015	14844727	Jan 24, 2017	9552424
419	US	CONTENT RECOMMENDATION USING THIRD PARTY PROFILES	Mike Macadaan, William Wetherell, David Liu	Feb 26, 2008	12037700	Oct 23, 2012	8296660
420	US	CONTENT RECOMMENDATION USING THIRD PARTY PROFILES	Mike Macadaan, William Wetherell, David Liu	Sep 13, 2012	13614816	Jun 24, 2014	8762859
421	US	CONTENT RECOMMENDATION USING THIRD PARTY PROFILES	Mike Macadaan, William Wetherell, David Liu	Apr 29, 2014	14264546	Sep 15, 2015	9135641
422	US	CONTENT RECOMMENDATION USING THIRD PARTY PROFILES	Mike Macadaan, William Wetherell, David Liu	Jun 22, 2015	14745618	Oct 17, 2017	9792366
423	US	PERSONALIZATION TECHNIQUES USING IMAGE CLOUDS	Mike Macadaan, David Liu, William Wetherell, James Simmons, Sudhir Tonse, Arun Ranganathan	Jun 19, 2020	16906762		
424	US	DOWNLOAD AND UPLOAD OF EMAIL MESSAGES USING CONTROL COMMANDS IN A CLIENT/SERVER WEB APPLICATION	Richard Landsman	Dec 5, 2005	11294182	Dec 3, 2013	8601475
425	US	Generic Download and Upload Functionality in a Client/Server Web	Richard Landsman	Nov 18, 2013	14082404	May 26, 2015	9043783

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426	US	Generic Download and Upload Functionality in a Client/Server Web	Richard Landsman	May 1, 2015	14701909	May 2, 2017	9641594
427	US	USER INTERFACE SYSTEM FOR HANDHELD DEVICES	Joseph Van Valen	Dec 16, 2005	11303289	Dec 4, 2012	8327297
428	US	USER INTERFACE SYSTEM FOR HANDHELD DEVICES	Joseph Van Valen	Sep 14, 2012	13615703	Feb 25, 2014	8661347
429	US	Systems and Methods for Manipulating Electronic Content Based on Speech	Peter F Kocks, Guoning Hu, Ping Hao (Nick) Wu	Jun 9, 2011	13156780	Apr 12, 2016	9311395
430	US	Systems and Methods for Manipulating Electronic Content Based on Speech	Peter F Kocks, Guoning Hu, Ping Hao (Nick) Wu	Mar 1, 2016	15057414	Jul 24, 2018	10032465
431	US	Systems and Methods for Manipulating Electronic Content Based on Speech	Peter F Kocks, Guoning Hu, Ping Hao (Nick) Wu	Jun 21, 2018	16014178	May 19, 2020	10657985
432	US	Systems and Methods for Manipulating Electronic Content Based on Speech	Peter F Kocks, Guoning Hu, Ping Hao (Nick) Wu	Mar 31, 2020	16836500		
433	US	SYSTEMS AND METHODS FOR IDENTIFYING ELECTRONIC CONTENT USING VIDEO GRAPHS	Rajani Chand C, Guoning Hu, Ping Hao (Nick) Wu	Jun 26, 2012	13533398	Jun 16, 2015	9058385
434	US	SYSTEMS AND METHODS FOR IDENTIFYING ELECTRONIC CONTENT USING VIDEO GRAPHS	Rajani Chand C, Guoning Hu, Ping Hao (Nick) Wu	Jun 3, 2015	14730140	Jun 13, 2017	9679069
435	US	Systems And Methods for Identifying Electronic Content Using Video Graphs	Rajani Chand C, Guoning Hu, Ping Hao (Nick) Wu	May 22, 2017	15600823	Oct 15, 2019	10445387

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436	US	SYSTEMS AND METHODS FOR INTERNET VIDEO DELIVERY	Rajani Chand C, Rami El Mawas, Ping Hao (Nick) Wu	Nov 23, 2011	13303348	Jan 2, 2018	9860604
437	US	SYSTEMS AND METHODS FOR INTERNET VIDEO DELIVERY	Rajani Chand C, Rami El Mawas, Ping Hao (Nick) Wu	Dec 5, 2017	15832579	Feb 25, 2020	10575064
438	US	SYSTEMS AND METHODS FOR INTERNET VIDEO DELIVERY	Rajani Chand C, Rami El Mawas, Ping Hao (Nick) Wu	Jan 21, 2020	16748184		
439	US	SYSTEMS AND METHODS FOR CATEGORIZING AND MODERATING USER-GENERATED CONTENT IN AN ONLINE ENVIRONMENT	Jeffrey Revesz, Christopher Wiggins	May 20, 2011	13112556	Feb 10, 2015	8954316
440	US	SYSTEMS AND METHODS FOR CATEGORIZING AND MODERATING USER-GENERATED CONTENT IN AN ONLINE ENVIRONMENT	Jeffrey Revesz, Christopher Wiggins	Feb 9, 2015	14617402	Nov 21, 2017	9824141
441	US	Systems and Methods for Categorizing and Moderating User-Generated Content in an Online	Jeffrey Revesz, Christopher Wiggins	Oct 23, 2017	15791099	Nov 19, 2019	10482117
442	US	Systems and Methods for Categorizing and Moderating User-Generated Content in an Online	Jeffrey Revesz, Christopher Wiggins	Oct 7, 2019	16595058		
443	US	SYSTEMS AND METHODS FOR MANAGING ELECTRONIC	Robert West, Charles G. Woods, Andrew B. Warner, Donald Le	Aug 5, 2013	13959454	Nov 6, 2018	10122656

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444	US	Enhanced favorites service for web browsers and web applications	Aditya Khosla, Brock Daniel LaPorte, Alberto Cobas, Collin Chang, Joseph Van Valen	Aug 3, 2005	11197681	May 27, 2014	8739020
445	US	Enhanced favorites service for web browsers and web applications	Timothy O'Shaughnessy, Aditya Khosla, Brock Daniel LaPorte, Alberto Cobas, Collin Chang	Jun 15, 2006	11424452	Feb 23, 2016	9268867
446	US	Enhanced favorites service for web browsers and web applications	Timothy O'Shaughnessy, Aditya Khosla, Brock Daniel LaPorte, Alberto Cobas, Collin Chang	Feb 9, 2016	15019122	Jan 1, 2019	10169306
447	US	Enhanced favorites service for web browsers and web applications	Aditya Khosla, Brock Daniel LaPorte, Alberto Cobas, Collin Chang, Joseph Van Valen	May 20, 2014	14283099	Sep 5, 2017	9754042
448	US	Enhanced favorites service for web browsers and web applications	Timothy O'Shaughnessy, Aditya Khosla, Brock Daniel LaPorte, Alberto Cobas, Collin Chang	Nov 21, 2018	16197688		
449	US	Smart payment instrument selection	James A. Roskind	Jul 30, 2002	10209559	Jan 6, 2015	8930270
450	US	METHOD AND APPARATUS FOR SMART PAYMENT INSTRUMENT SELECTION	James A. Roskind	Nov 11, 2014	14538512		

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451	US	DISPLAY SCREEN WITH AN ANIMATED GRAPHICAL USER INTERFACE	Jim Sabia, Neal Rosen	Jan 30, 2014	29480844	Jan 5, 2016	D746859
452	US	Display screen with animated graphical user interface	James Sabia, Neal Rosen	Dec 16, 2015	29548691	Oct 25, 2016	D769933
453	US	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE	Jim Sabia, Neal Rosen	Jan 30, 2014	29480857	May 24, 2016	D757032
454	US	Alerts for Monitoring User Status	Jennifer Granito	Oct 27, 2006	11553768	Oct 6, 2015	9154563
455	US	Alerts for Monitoring User Status	Jennifer Granito	Sep 11, 2015	14851781	May 9, 2017	9648115
456	US	Systems and Methods for Determining Whether to Publish an Advertisement on a Web Page Associated with a Web Page Article or to Exclude Advertisements from Publication on the Web Page Associated with the Web Page Article Based on the Comparison of a First Numeric Likelihood to a First Set of Threshold Values	Jeffrey Revesz	Oct 13, 2011	13272813	Oct 14, 2014	8862521
457	US	Systems and Methods for Managing Publication of Online Advertisements	Jeffrey Revesz	Oct 13, 2014	14513181	Dec 29, 2015	9224155
458	US	SYSTEMS AND METHODS FOR ASSOCIATING ELECTRONIC CONTENT	Rajani Chand C, Guoning Hu, Ping Hao (Nick) Wu	Jun 26, 2012	13533429	Jun 23, 2015	9064154

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459	US	SYSTEMS AND METHODS FOR ASSOCIATING ELECTRONIC CONTENT	Rajani Chand C, Guoning Hu, Ping Hao (Nick) Wu	Jun 22, 2015	14746062	May 2, 2017	9641879
460	US	SYSTEM AND METHOD FOR USING A STREAMING PROTOCOL	David Pare, David L. Biderman, Stephen Loomis, Scott K. Brown, Michael Wise, David Wexelblat, Conor Cahill, David S. Bill	Oct 9, 2009	12576784	Jan 21, 2014	8634552
461	US	SYSTEM AND METHOD FOR USING A STREAMING PROTOCOL	David Pare, David L. Biderman, Stephen Loomis, Scott K. Brown, Michael Wise, David Wexelblat, Conor Cahill, David S. Bill	Dec 2, 2013	14094744	Nov 10, 2015	9184916
462	US	SYSTEM AND METHOD FOR USING A STREAMING PROTOCOL	David Pare, David L. Biderman, Stephen Loomis, Scott K. Brown, Michael Wise, David Wexelblat, Conor Cahill, David S. Bill	Sep 30, 2015	14872079	Jun 6, 2017	9674254
463	US	Methods and Systems for Identifying Local Search Queries	Sean Christopher Timm, Sudhir Achuthan, Mikhail Barrett	Oct 2, 2012	13633488	Sep 19, 2017	9767185
464	US	Methods and Systems for Identifying Local Search Queries	Sean Christopher Timm, Sudhir Achuthan, Mikhail Barrett	Aug 21, 2017	15682490	Jul 21, 2020	10719538

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465	US	SYSTEMS AND METHODS FOR PROVIDING PERSONALIZED RECOMMENDATIONS FOR ELECTRONIC CONTENT	Thu Kyaw, Sangchul Song, Sean Christopher Timm, Sudhir Achuthan, Mikhail Barrett, Vineet Mahajan	Dec 10, 2012	13710293	Aug 1, 2017	9721019
466	US	DISPLAY SCREEN PORTION WITH GRAPHICAL USER INTERFACE	William Wetherell, David Louie, Douglas Hamman, Brian Behnke, Kiersten Lammerding, Jeremiah Shaw	Oct 17, 2012	29434893	Oct 6, 2015	D740299
467	US	INTELLIGENT MANAGEMENT OF APPLICATION	Philip Flack	Dec 29, 2006	11618548	Aug 28, 2012	8255466
468	US	INTELLIGENT MANAGEMENT OF APPLICATION	Philip Flack	Aug 27, 2012	13595415	Dec 17, 2013	8612589
469	US	INTELLIGENT MANAGEMENT OF APPLICATION	Philip Flack	Nov 18, 2013	14082430	Jun 28, 2016	9379953
470	US	Intelligent Management of Application Connectivity	Philip Flack	Jun 20, 2016	15187050	Aug 18, 2020	10749871
471	US	MOOD-BASED ORGANIZATION AND DISPLAY OF INSTANT	David S. Bill	Dec 30, 2005	11321063	Apr 5, 2011	7921369
472	US	MOOD-BASED ORGANIZATION AND DISPLAY OF INSTANT	David S. Bill	Mar 31, 2011	13077573	May 14, 2013	8443290
473	US	Mood-Based Organization and Display of Co-User Lists	David S. Bill	May 10, 2013	13892008	Oct 13, 2015	9160773
474	US	Buddy Share	David Gang, Brian D. Heikes, John Thomas Love, Janet Hall	Nov 18, 2003	10535203	Apr 10, 2018	9940401

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
475	US	SENDING APPLICATION CAPTURES IN PERSONAL COMMUNICATION	Jeffrey Bollman	Mar 20, 2007	11688382	Jun 12, 2012	8201098
476	US	Targeted Geographical Condition Notification of Users Based on a Geographic Location and Device Types or Software of	Larry L. Lu, Jian Wang, Barry Appelman	Apr 26, 2001	09842024	Apr 27, 2010	7703611
477	US	Targeted Notification of Users of a Communications System Based on	Larry L. Lu, Jian Wang, Barry Appelman	Mar 9, 2010	12720044	Jan 10, 2012	8095609
478	US	Targeted Notification of Users of a Communications System Based on a Location, Device Type, and/or Software Type of the Users	Barry Appelman, Larry L. Lu, Jian Wang	Jan 4, 2012	13343635	May 17, 2016	9342819
479	US	User Behavior-Based Remotely-Triggered	David S. Bill	Nov 21, 2007	11944006	May 1, 2012	8170960
480	US	User Behavior-Based Remotely-Triggered	David S. Bill	Apr 30, 2012	13460312	Jun 4, 2013	8458102
481	US	COMMUNITY MAPPING AND DIRECTION INDICATING	Norihiro Edwin Aoki	Jan 11, 2008	12013254	Oct 13, 2015	9157760
482	US	Systems and Methods for Providing Culturally-Relevant Search Results to Users	Tony Wiegering, Harmannus Vandermolen, Karen Howe, Michael Sommers	Jul 20, 2007	12374657	Apr 15, 2014	8700619

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
483	US	SYSTEMS AND METHODS FOR PROVIDING CULTURALLY-RELEVANT SEARCH RESULTS TO USERS	Tony Wiegering, Harmannus Vandermolen, Karen Howe, Michael Sommers	Feb 24, 2014	14188439	Sep 13, 2016	9442985
484	US	Visually-represented results to search queries in rich media content	Rakesh Agrawal	Dec 30, 2005	11321044	Jun 10, 2014	8751502
485	US	SYSTEM AND METHOD FOR AN INSTANT MESSAGING INTERFACE	Ronen Arad	Nov 26, 2007	11986768	Jul 29, 2014	8793596
486	US	System and method for a messaging interface	John Ernest Keeling, Barry Appelman	Jul 28, 2014	14444556	Jan 27, 2015	8943422
487	US	System and method for a messaging interface	Ronen Arad	Jan 26, 2015	14605960	Nov 17, 2015	9191348
488	US	SYSTEM AND METHOD FOR PROVIDING A MESSAGING INTERFACE	Ronen Arad	Oct 30, 2015	14929233	Aug 9, 2016	9413701
489	US	HISTORY-BASED TRACKING OF USER PREFERENCE	Jeff Wilson, Mark Goldstein	May 23, 2008	12126770	Jul 29, 2014	8793614
490	US	HISTORY-BASED TRACKING OF USER PREFERENCE	Jeff Wilson, Mark Goldstein	Jul 28, 2014	14444434	Oct 24, 2017	9798826
491	US	MONITORING CONVERSATIONS TO IDENTIFY TOPICS OF	Ronen Arad, Ron Harari	May 20, 2008	12124104	Jul 5, 2016	9384186
492	US	Monitoring Conversations to Identify Topics of Interest	Ronen Arad, Ron Harari	Jul 1, 2016	15200297	Jul 2, 2019	10339220
493	US	Monitoring Conversations to Identify Topics of Interest	Ronen Arad, Ron Harari	May 20, 2019	16417016		

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494	US	ORDERING OF CONVERSATIONS BASED ON MONITORED RECIPIENT USER INTERACTION WITH CORRESPONDING	David Schultz, Michael Longe, Karl Renner	Oct 11, 2006	12089852	Sep 27, 2016	9454747
495	US	FULL-TEXT RELEVANCY RANKING	Theodore G. Diamond, Daniel Allen Hendrick, Eric Carl Rehm, Melissa Anne Riesland	Jun 8, 2001	09876925	Jan 11, 2005	6842761
496	US	FULL-TEXT RELEVANCY RANKING	Theodore G. Diamond, Daniel Allen Hendrick, Eric Carl Rehm, Melissa Anne Riesland	Jan 4, 2005	11029892	Jan 10, 2012	8095529
497	US	TARGETED ADVERTISING FOR PLAYLISTS BASED UPON SEARCH QUERIES	Karen Howe, Jennifer Kolar, Srinivasan (Vas) Sudanagunta	Jul 20, 2006	11491502	Apr 25, 2017	9633356
498	US	System and Method for Subject Matter Notifications	Thomas Louis Dellecave, William Hollyer	Dec 30, 2003	10747254	Dec 2, 2014	8904042
499	US	OFFLINE AWAY MESSAGES	Brian D. Heikes, James O'Dell, Andrew L. Wick, Deborah R. Yurow	Dec 23, 2004	11019538	May 28, 2013	8452839
500	US	OFFLINE AWAY MESSAGES	Brian D. Heikes, James O'Dell, Andrew L. Wick, Deborah R. Yurow	May 22, 2013	13899895	May 30, 2017	9667572
501	US	USING USER PROFILE INFORMATION TO DETERMINE AN AVATAR AND/OR AVATAR	David S. Levinson	Dec 21, 2004	11017634	May 16, 2017	9652809

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
502	US	TRANSPARENT RECONNECTION	Barry Appelman, Eric Bosco, Rich Thornberg	May 31, 2002	10158214	Mar 29, 2011	7917638
503	US	TRANSPARENT RECONNECTION	Barry Appelman, Eric Bosco, Rich Thornberg	Aug 16, 2010	12856719	May 6, 2014	8719422
504	US	TRANSPARENT RECONNECTION	Barry Appelman, Eric Bosco, Rich Thornberg	Mar 31, 2014	14230415	Nov 22, 2016	9501629
505	US	TAILORING NOTIFICATIONS THROUGH RESOURCE SPECIFIC NOTIFICATION	Thomas Louis Dellecave, Joseph Pulliam	Dec 30, 2003	10747259	Jun 21, 2016	9374266
506	US	SEARCHING FOR TRANSIENT STREAMING MULTIMEDIA RESOURCES	Austin David Dahl, Jennifer Kolar, Theodore G. Diamond	Jul 18, 2006	11489273	Nov 5, 2013	8577889
507	US	SERVICE CLEAN-UP	David G. Besbris, John D. Robinson, Richard Doerksen	Nov 18, 2005	11281887	Mar 1, 2016	9274830
508	US	Service Clean-Up	David G. Besbris, John D. Robinson, Richard Doerksen, Nancy Sumner	Jan 21, 2016	15003780	Dec 18, 2018	10157080
509	US	Computer-Implemented Systems and Methods for Service Provisioning	David G. Besbris, John D. Robinson, Richard Doerksen, Nancy Sumner	Dec 13, 2017	15840209		
510	US	Secured Patent Application Information Retrieval	Timothy O'Shaughnessy, Sudheer Agrawal	Jan 27, 2016	15008163		
511	US	Throttling electronic communications from one or more senders	Joseph G. Barrett, Mark Muehl, Todd M. Palino	Jun 8, 2001	09876064	Apr 18, 2006	7032023

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
512	US	Throttling electronic communications from one or more senders	Joseph G. Barrett, Todd M. Palino, Mark Muehl	Jan 12, 2006	11330340	Aug 31, 2010	7788329
513	US	System and Method for Interapplication Communications	Terry Hayes	Aug 17, 2006	11465183	Jul 22, 2014	8788829
514	US	System and Method for Interapplication Communications	Terry Hayes	Jul 21, 2014	14337048	Dec 29, 2015	9225533
515	US	System and Method for Interapplication Communications	Terry Hayes	Dec 22, 2015	14978311	Sep 26, 2017	9774456
516	US	System and Method for Interapplication Communications	Terry Hayes	Sep 22, 2017	15713549	Apr 21, 2020	10630491
517	US	System and Method for Interapplication Communications	Terry Hayes	Mar 13, 2020	16818564		
518	US	DYNAMIC IDENTIFICATION OF OTHER VIEWERS OF A TELEVISION PROGRAM TO AN ONLINE VIEWER	Christina Ann Wick, Andrew Lee Wick	Oct 28, 2004	10974969	Feb 23, 2010	7669213
519	US	DYNAMIC IDENTIFICATION OF OTHER VIEWERS OF A TELEVISION PROGRAM TO AN ONLINE VIEWER	Christina Ann Wick, Andrew Lee Wick	Feb 12, 2010	12705222	Aug 28, 2012	8255950
520	US	USING A NETWORK BANDWIDTH SETTING BASED ON DETERMINING THE NETWORK	Scott K. Brown, David L. Biderman	Dec 29, 2003	10746551	Aug 12, 2008	7412516

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521	US	NETWORK SCORING SYSTEM AND METHOD	Scott K. Brown, David L. Biderman	Aug 12, 2008	12190221	Mar 23, 2010	7685286
522	US	NETWORK SCORING SYSTEM AND METHOD	Scott K. Brown, David L. Biderman	Mar 22, 2010	12729044	Sep 18, 2012	8271646
523	US	NETWORK SCORING SYSTEM AND METHOD	Scott K. Brown, David L. Biderman	Sep 14, 2012	13620583	Jan 21, 2014	8635345
524	US	Systems and Methods for Video Content Association	Michael Fisher	Apr 11, 2008	12101650	May 13, 2014	8726146
525	US	Facilitating Detection of Bid Data Misuse	Jeff Wilson, David Savage	Aug 3, 2016	15227793		
526	US	Mobile Content Delivery Optimization	Zach Arbon	Jun 16, 2016	15184472		
527	US	Reducing Query Ambiguity Using Graph Matching	Davood Shamsi, Wan Kim Mok, William Pence	Apr 24, 2018	15961158		
528	US	Device Management System With A Restore Prevention Utility	Scott Dorfman, Steve Fink	May 10, 2017	15592063	Feb 19, 2019	10209977
529	US	Device Management System With A Restore Prevention Utility	Scott Dorfman, Steve Fink	Feb 18, 2019	16278647	Nov 19, 2019	10481889
530	US	Device Management System With A Restore Prevention Utility	Scott Dorfman, Steve Fink	Nov 18, 2019	16686548		
531	US	Virtual Private Network Based Parental Control Service	Scott Dorfman, Anthony (Tony) Spinelli, Umesh Chhatre	Jun 2, 2015	14728713	Mar 6, 2018	9912697
532	US	Virtual Private Network Based Parental Control Service With Motion-Based	Scott Dorfman, Umesh Chhatre	May 19, 2016	15159584	Apr 16, 2019	10264458

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533	US	Virtual Private Network Based Parental Control Service With Motion-Based	Scott Dorfman, Umesh Chhatre	Apr 16, 2019	16386018		
534	US	Resource Placement Via a Web Page	Dmytro Solomakha, Geetu Ambwani	Nov 6, 2015	14935173	Nov 6, 2018	10122646
535	US	Compromised Password Detection Based On Abuse and Attempted Abuse	Lachlan Maxwell, Donald Jeffrey (Jeff) McQueen, William (Bill) Wakefield	Jan 25, 2016	15005319	Apr 23, 2019	10270801
536	US	Compromised Password Detection Based On Abuse and Attempted Abuse	Lachlan Maxwell, Donald Jeffrey (Jeff) McQueen, William (Bill) Wakefield	Apr 23, 2019	16392367	Jan 7, 2020	10530807
537	US	System and Method for Managing Memory for Large Keys and Values	Edward Bortnikov, Anastasia Braginsky, Dmitry Basin, Idit Keidar, Eshcar Hillel, Gali Sheffi, Hagar Meir	Jul 12, 2018	16033311		
538	US	ANALYTICAL PRECURSOR MINING FOR PERSONALIZED RECOMMENDATION	Akshay Soni, Troy Chevalier, Rao Shen, Parikshit Shah	Mar 6, 2018	15912824		
539	US	Language Selection System	Haiying Huang, Ananth Nagarajan, Vinaykumar Sanjekar	Jul 25, 2018	16044716		
540	US	Systems and Methods for Multi-Dimensional Electronic Content Performance Predictor and Decision Automation	Raj Yadav, Abhiraj Arumughan Koyamkattil, Ankit Katiyar, Tushar Mahule, Aileen Barrameda	Apr 17, 2018	15955410		

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
541	US	SYSTEM AND METHOD FOR UPDATING A SEARCH INDEX	Edward Bortnikov, Yonatan Gottesman, Gali Sheffi, Dmitry Basin, Nandaja Ananthanarayanan, Rakesh chhabra	May 11, 2018	15977492		
542	US	Computerized System and Method for Interest Profile Generation and Digital Content Dissemination	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Sep 6, 2018	16123337		
543	US	Selective Data Migration and Sharing	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Aug 23, 2018	16110234	Sep 8, 2020	10769101
544	US	Selective Data Migration and Sharing	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Sep 3, 2020	17011765		
545	US	Seamless Stream Failover With Distributed Manifest	Ravikiran Patil	Feb 19, 2018	15898852	Mar 31, 2020	10609189
546	US	System and Method for Performing Device Updates	Jindrich Kubecka, Tony Finn, Nikita Sapozhnikov, Gordon Morrow	Apr 18, 2018	15956066		
547	US	Modifying Content Interface Based Upon Level Of Activity	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Oct 31, 2018	16175996		
548	US	Presenting Meeting Options Associated with Trips	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Aug 31, 2018	16118968		

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549	US	Presenting Content of an Application	Mohit Goenka, Nikita Varma, Ashish Khushal Dharamshi	Aug 6, 2018	16055783		
550	US	Automatic Browser Inactivity Detection Method And Apparatus	Thanawat Kaewka, Hang Ye, Thomas Hoffmann, Deepesh Mittal	Aug 17, 2018	15999143	Feb 25, 2020	10574768
551	US	Automatic Browser Inactivity Detection Method And Apparatus	Thanawat Kaewka, Hang Ye, Thomas Hoffmann, Deepesh Mittal	Feb 25, 2020	16800430		
552	US	Systems And Methods For Future Event	Frank Bentley	May 2, 2018	15968853		
553	US	Displaying Videos Based Upon Selectable Inputs Associated With Tags	Akshay Soni, Aasish Pappu	Jun 12, 2018	16006076		
554	US	Adjusting Recipients of a Message	Peter Genovese, Kelly (Wenyan) Xu, Markandey Singh, Ben Zhang, Ken Chan	Apr 29, 2018	15965956	Jun 16, 2020	10686742
555	US	Method and System for Identifying Recipients of a Reward Associated with a Conversion	Yugandhar Reddy Boyapally, Janith Kaiprath Valiyalappil, Sreeram Ramji, Rajesh Lalwani, Tarrant Zhang	Jun 4, 2018	15997042		
556	US	METHOD AND SYSTEM FOR IDENTIFYING RECIPIENTS OF A REWARD ASSOCIATED WITH A CONVERSION	Yugandhar Reddy Boyapally, Janith Kaiprath Valiyalappil, Sreeram Ramji, Rajesh Lalwani, Tarrant Zhang	Jun 4, 2018	15997073		

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557	US	METHOD AND SYSTEM FOR IDENTIFYING RECIPIENTS OF A REWARD ASSOCIATED WITH A CONVERSION	Yugandhar Reddy Boyapally, Janith Kaiprath Valiyalappil, Sreeram Ramji, Rajesh Lalwani, Tarrant Zhang	Jun 4, 2018	15997090		
558	US	System and Method for Relationship Identification	Siddhartha Banerjee, Konstantinos Tsioutsiouliklis	Jul 20, 2018	16041073		
559	US	Location-Based Content System for Mobile Applications	Selena Shang, Anand Tolani, Danny Espinoza, Nandaja Ananthanarayanan, Venu Kemthur, Josh Jacobson	Mar 28, 2018	15938462		
560	US	Generating Presentations Based Upon Articles	Arunkumar Balasubramanian, Kapil Thadani, Andrew Crews	Dec 11, 2018	16216180		
561	US	Method and System for Detecting and Preventing Abuse of an Application	Markandey Singh, Prabhakar Kasi, Suchith Chandran	Aug 24, 2018	16111305		
562	US	System and Method for Latency Aware Data Access	Richard Stephen Allinson	Mar 4, 2019	16291566		
563	US	Mapping Network Mac Addresses to Physical Locations	Richard Stephen Allinson, David Alan Glass, Philip Jacob Halley, Matthew L Jones	Dec 28, 2018	16236169		
564	US	Method and System for Filtering Content	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Sep 17, 2018	16132629		

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565	US	Systems and Methods for Transforming Operation of Applications	Mohit Goenka, Nikita Varma, Ashish Khushal Dharamshi	Aug 29, 2018	16115638		
566	US	Computerized System And Method For Extracting Entity Information From Text Communications And Displaying Content Based	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Oct 31, 2018	16175983		
567	US	Automatic Analysis of Digital Messaging Content Method and Apparatus	Mohit Goenka, Nikita Varma, Ashish Khushal Dharamshi	Oct 12, 2018	16158564		
568	US	Systems and Methods for Establishing Sender-Level Trust In Communications Using Sender-Recipient Pair	Lachlan Maxwell, Paul Rock, Donald McQueen	Sep 28, 2018	16146224		
569	US	Displaying Messaging Interfaces Based Upon Email Conversations	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Oct 1, 2018	16148388	Apr 28, 2020	10637815
570	US	Securing Resources	Mohit Goenka, Nikita Varma, Ashish Khushal Dharamshi	Oct 5, 2018	16153012		
571	US	Method and System for Self-Sovereign Information Management	Mani Tadayon, Dante J Pacella, Lachlan Maxwell, Venkata Josyula, Lee E Sattler, Ashish Sardesai, Jean M McManus	Dec 21, 2018	16229034		

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572	US	Method and System for Self-Sovereign Information Management	Mani Tadayon, Dante J Pacella, Lachlan Maxwell, Venkata Josyula, Lee E Sattler, Ashish Sardesai, Jean M McManus	Dec 21, 2018	16229158		
573	US	Method And System For Self-Sovereign Information Management	Mani Tadayon, Dante J Pacella, Lachlan Maxwell, Venkata Josyula, Lee E Sattler, Ashish Sardesai, Jean M McManus	Dec 21, 2018	16229316		
574	US	Method And System For Self-Sovereign Information Management	Dante J Pacella, Mani Tadayon, Lachlan Maxwell, Venkata Josyula, Lee E Sattler, Ashish Sardesai, Jean M McManus	Dec 21, 2018	16229476		
575	US	Method And System For Self-Sovereign Information Management	Mani Tadayon, Dante J Pacella, Lachlan Maxwell, Venkata Josyula, Lee E Sattler, Ashish Sardesai, Jean M McManus	Dec 21, 2018	16229567		
576	US	Method And System For Secure Information Validation	Dante J Pacella, Mani Tadayon, Lachlan Maxwell, Jean M McManus, Ashish Sardesai, Venkata Josyula, Lee E Sattler	Dec 21, 2018	16229625		

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577	US	Biometric Based Self-Sovereign Information Management	Dante J Pacella, Lachlan Maxwell, Mani Tadayon, Saravanan Mallesan, Lee E Sattler, Ashish Sardesai, Jean M McManus	Dec 21, 2018	16229703		
578	US	Biometric Based Self-Sovereign Information Management	Dante J Pacella, Lachlan Maxwell, Mani Tadayon, Saravanan Mallesan, Lee E Sattler, Ashish Sardesai, Jean M McManus, Venkata Josyula	Dec 21, 2018	16229768		
579	US	Biometric Based Self-Sovereign Information Management	Lachlan Maxwell, Dante J Pacella, Mani Tadayon, Saravanan Mallesan, Lee E Sattler, Jean M McManus	Dec 21, 2018	16229871		
580	US	Biometric Based Self-Sovereign Information Management	Dante J Pacella, Mani Tadayon, Lachlan Maxwell, Lee E Sattler, Saravanan Mallesan, Jean M McManus	Dec 21, 2018	16229933		
581	US	Biometric-Based Self-Sovereign Information Management	Lachlan Maxwell, Dante J Pacella, Mani Tadayon, Saravanan Mallesan, Lee E Sattler, Jean M McManus, Ashish Sardesai	Dec 21, 2018	16230032		

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582	US	Transmitting Content Items Using Search History Profiles	Soomin Lee, Sandeep Thirumalai, Ben Shahshahani, Shreyas Shetty, Yair Koren, Varun Bhatt, Shakti Prasad Sen, Sepehr Sahba, Rohit Chandra	Oct 12, 2018	16158656		
583	US	Method and System for Evaluating Expressions	David Guzman, John McClean, Nikita Sapozhnikov	Dec 28, 2018	16235161		
584	US	Systems and Methods for Multimodal Multilabel Tagging of Video	Aasish Pappu, Akshay Soni, Paloma de Juan Gonzalez	Sep 7, 2018	16124840	Apr 14, 2020	10623829
585	US	Systems and Methods for Multimodal Multilabel Tagging of Video	Aasish Pappu, Akshay Soni, Paloma de Juan Gonzalez	Mar 2, 2020	16806544		
586	US	System And Method For Learning Scene Embeddings Via Visual Semantics And Application Thereof	Aasish Pappu, Paloma de Juan Gonzalez	Sep 26, 2018	16142155		
587	US	Extrapolated Allocation of Advertisement Budgets	Deguang Kong, Jian Yang	Dec 28, 2018	16236180		
588	US	Native Single Sign-On (SSO) for Mobile Applications	George Fletcher, Francis Hsu	Sep 6, 2018	16123060		
589	US	Systems and Methods for Unsupervised Neologism Normalization of Electronic Content Using Embedding Space Mapping	Aasish Pappu, Kapil Thadani, Nasser Zalmout	Oct 30, 2018	16175533		

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590	US	Systems and Methods for Unsupervised Neologism Normalization of Electronic Content Using Embedding Space Mapping	Aasish Pappu, Kapil Thadani, Nasser Zalmout	Sep 15, 2020	17021824		
591	US	Computerized System and Method for Digital Content Extraction and Propagation in HTML Messages	Irena Grabovitch-Zuyev, Dotan Di Castro, Umang Patel, Ian McCarthy	Oct 12, 2018	16158744	Apr 7, 2020	10616161
592	US	Programmatic Control Channel For Automated	Wendell Baker, Kristof Nagel	Oct 2, 2018	16149356		
593	US	Decentralized Auto-Scaling Of Network Architectures	Abhishek Kothari, Matti Oikarinen, Neal Xiong, Manika Mittal, Rohit Vijayakumar Athanikar, Suresh Kumar Thiruvallur Loganathan, Saravanan Murugesan	Aug 22, 2018	16109061		
594	US	Method and System for Concurrent Generation of Data Sketches	Eshcar Hillel, Edward Bortnikov, Idit Keidar, Alexander Spiegelman, Lee Rhodes	Dec 28, 2018	16235204		
595	US	Method and System for Concurrent Generation of Data Sketches	Eshcar Hillel, Edward Bortnikov, Idit Keidar, Alexander Spiegelman, Lee Rhodes	Dec 28, 2018	16235259		
596	US	VISUAL INVENTORY RULES BUILDING SYSTEM	Daryl Burghardt	Nov 6, 2018	16181665		

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597	US	Local Content Exchange For Mobile Devices Via Mediated Inter-Application Communication	Gaurav Chaula, Kavind Aggarwal	Nov 28, 2018	16202791		
598	US	Method and System for Data Indexing and Reporting	Attila Sahi, Gandikota Venkat Raju	Dec 28, 2018	16235295		
599	US	Dynamically Augmenting Videos via In-Video Insertion On Mobile Devices	Christopher Drury, Mike Cornell, Stephen Hodnicki, Benjamin Su, Kaypree Hodges, Raquel Rahmey	Dec 28, 2018	16235873		
600	US	Single Sign-On (SSO) for Internet of Things (IOT) Applications	Swapnil Patel, George Fletcher, Lovlesh Chhabra	Nov 16, 2018	16193046		
601	US	Polygon Identification	Gaurav Makhija	Dec 4, 2018	16208624		
602	US	System and Method for Determining Emotionally Compatible Content and Application Thereof	Dan Pelleg, Tal Baumel, Sian Clark, Avihai Mejer, Fiana Raiber, Ali Tabaja, Yaroslav Fyodorov	Aug 27, 2018	16113447		
603	US	Evaluating Email Activity	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma, Gnanavel Shanmugam	Dec 5, 2018	16210155		
604	US	Subscription-Based Message Selection And Transmission	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma, Gnanavel Shanmugam	Dec 5, 2018	16210116		

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605	US	Stage-Based Content Item Selection And Transmission	Vishal Raithatha, Shaunak Mishra, Lakshmi Narayan Bhamidipati, Richard Tang, Srinath Ravindran, Reza Abasi, Yichao Zhou	Dec 10, 2018	16214842		
606	US	Communication With Service Providers Using Disposable Email Accounts	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma, Gnanavel Shanmugam	Dec 11, 2018	16215721		
607	US	Performing Entity Actions Using Email Interfaces	Mohit Goenka, Ashish Khushal Dharamshi, Gnanavel Shanmugam, Nikita Varma	Dec 14, 2018	16220034		
608	US	Performing Operations Based Upon Activity Patterns	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma, Gnanavel Shanmugam	Dec 27, 2018	16233564		
609	US	Template Generation Using Directed Acyclic Word Graphs	Srinath Ravindran, Mahmoudreza Abasi, Lakshmi Narayan Bhamidipati	Dec 26, 2018	16232107		
610	US	Method and System for Mailbox-Based Coupon Display	Ariel Raviv, Ran Wolff, Joel Oren, Noa Avigdor-Elgrabli, Michael Viderman, Ian McCarthy	Dec 28, 2018	16235077		
611	US	Method and System for a Configurable Storage Engine	Arjun Mannaly	Dec 28, 2018	16235319		

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612	US	Computerized System And Method For A Mail Integrated Content Delivery And Alert System	Ariel Raviv, Chris Gonsalves, Prateeksha Uday Chandraghatgi, Ashok Kumar, Ben Tsai	Dec 19, 2018	16225514		
613	US	Presenting and Sharing Augmented Reality Objects	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma, Gnanavel Shanmugam	Dec 27, 2018	16233519		
614	US	User Funnel Stage Score Determination	Wen Lu, Jed Chou, Kehan Jiang, Jeremy Kanterman	Mar 12, 2019	16299380		
615	US	Blockchain Ledger Growth Management	Ashish Sardesai, Dante J Pacella, Lachlan Maxwell, Venkata Josyula, Mani Tadayon	Dec 19, 2018	16225016		
616	US	Blockchain Compression Using Summary And Padding Blocks	Ashish Sardesai, Dante J Pacella, Lachlan Maxwell, Venkata Josyula, Mani Tadayon	Dec 19, 2018	16224966		
617	US	Secure Boot of Remote Servers	Susan Hinrichs, Vinith Bindiganavale, Igor Gashinsky, Grigor Palandzhyan	Dec 11, 2018	16216302		
618	US	Annotating Extended Reality Presentations	Larry Goldberg	Dec 27, 2018	16233194		
619	US	Application Identification Using Network Traffic	Kevin Andrew Perkins, Mithilesh Nanjamanaidu Srinivasan Rangavadivel, Aaron J Klish, Matthew Ahrens	Apr 2, 2019	16372854		

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620	US	Generating Augmented Videos	Xingyue Zhou, Andrew Kae, Guy Dassa	May 8, 2019	16406106		
621	US	Determining Sentiment of Content and Selecting Content Items for Transmission to Devices	Shaunak Mishra, Aasish Pappu, Lakshmi Narayan Bhamidipati	Mar 21, 2019	16360140		
622	US	Systems and Methods for Personalized Banner Generation and Display	Stephanie Chou, Jessy Chen, Ben Weng, Amy Lin	Jan 29, 2019	16260203		
623	US	Identifying Fraudulent Requests for Content	Gaurav Chaula, Kavind Aggarwal	Mar 15, 2019	16354289		
624	US	System and Method for Augmented Reality Via Data Crowd Sourcing	Kevin Andrew Perkins	Apr 2, 2019	16372790		
625	US	Selective Streaming Of Video Segments Based On Buffer Data And Download	Boris kapchits, Ohad Shacham	Dec 19, 2018	16225194		
626	US	SYSTEMS AND METHODS FOR HYPER PARAMETER OPTIMIZATION FOR IMPROVED MACHINE LEARNING ENSEMBLES	Kevin Andrew Perkins	Jan 25, 2019	16257368		
627	US	Systems and Methods for Recommendation Generation	Ariel Raviv, Irena Grabovitch-Zuyev, Joel Oren	Dec 19, 2018	16224949		
628	US	GRAPHICAL MANAGEMENT OF BIG DATA PIPELINES	Edward Bortnikov, Dmitry Basin, Eran Meir	Jan 28, 2019	16259075		

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629	US	Automatic Electronic Message Content Extraction Method and Apparatus	Irena Grabovitch-Zuyev, Abhinav Pundir, Noa Avigdor-Elgrabli, Dotan Di Castro, Iftah Gamzu, Liane Lewin-Eytan	Feb 11, 2019	16272285		
630	US	Computerized System and Method for Display of Modified Machine-	Ariel Raviv, Irena Grabovitch-Zuyev, Joel Oren	Feb 11, 2019	16272118		
631	US	Generating Bid Values	Yair Koren, Michal Aharon, Avi Shahar, Assaf Keret, Tal Cohen, Yohay Kaplan	Feb 27, 2019	16286812		
632	US	Automatic Electronic Message Data Analysis Method And Apparatus	Ariel Raviv, Joel Oren, Irena Grabovitch-Zuyev	Feb 25, 2019	16284342		
633	US	Collectively Performing Domain Searches and Trademark Searches	Kushagra Shrivastava	Jun 19, 2018	16011731		
634	US	Efficient Density Based Geo Clustering	Joshua Juen, Sepideh Rezvani	Apr 22, 2019	16391062		
635	US	Displaying Real-Time Video Of Obstructed Views	Eric Bax, Kimberly Williams, Lisa Giaffo, John Donald, Tanisha Sharma	Aug 1, 2018	16051847	Apr 21, 2020	10630931

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636	US	DECENTRALIZED METHOD AND SYSTEM FOR ACCURATELY DETERMINING A LEVEL OF ACTIVITY OF A CLIENT DEVICE	Neal Xiong, Matti Oikarinen, Abhishek Kothari, Manika Mittal, Rohit Vijayakumar Athanikar, Saravanan Murugesan, Ravindra Dangar, Suresh Kumar Thiruvallur Loganathan	Nov 9, 2018	16185205	Jul 7, 2020	10708373
637	US	Temporal Clustering of Non-Stationary Data	Ran Wolff, Nadav Yutal	Mar 20, 2019	16358942		
638	US	Tagging an Object Within an Image And/Or A Video	Matthew Ahrens, Yugandhar Reddy Boyapally	May 2, 2019	16401569		
639	US	Providing a System with Access to a Resource Using a Disposable Email Address	Gnanavel Shanmugam, Nitin Jose	Apr 3, 2019	16374008		
640	US	Good Time to Call	Eric Bax, Kimberly Williams, John Donald, Lisa Giaffo, Tanisha Sharma, Nikki Thompson, Melissa Gerber	Mar 29, 2019	16370505		
641	US	Systems and Methods for Generating Recommendations Based on Online History Information and Geospatial Data	Mohit Goenka, Ashish Khushal Dharamshi, Gnanavel Shanmugam, Nikita Varma	May 6, 2019	16404112		
642	US	Suggesting Queries Based upon Keywords	Su-Chen Lin, Alex Ou, TC Liou, Wei-Lun Su	Jun 21, 2019	16448132		

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
643	US	Method and System for Searching a Key-Value Storage	Edward Bortnikov, Eshcar Hillel, Anastasia Braginsky, Eran Gilad, Idit Keidar, Yonatan Gottesman	Apr 17, 2019	16386496		
644	US	Method and System for a Key-Value Storage	Edward Bortnikov, Eshcar Hillel, Anastasia Braginsky, Eran Gilad, Idit Keidar, Yonatan Gottesman	Apr 17, 2019	16386505		
645	US	Systems and Methods for Efficient Electronic Message Storage and Retrieval	Ariel Raviv, Irena Grabovitch-Zuyev, Joel Oren	Mar 27, 2019	16365830		
646	US	Ranking User Comments on Media Using Reinforcement Learning Optimizing for Session Dwell	Sreekanth Ramakrishnan, Zhi Qu, Xue Wu, Kapil Thadani, Akshay Soni, Parikshit Shah, Troy Chevalier, Aaron Nagao	Jun 19, 2019	16446480		
647	US	Systems and Methods for Generating Travel-Related Recommendations using Electronic Communication	Ariel Raviv	Jul 3, 2019	16502911		
648	US	Systems and Methods for Providing Shifting Network Security Via Multi-Access Edge Computing	Tin Zaw	Feb 25, 2019	16284944		
649	US	Computerized System and Method for Optimizing Delivery of Digital Messages	Josh Jacobson, Marcel Becker, Ilana Walder-Biesanz	Mar 30, 2019	16370909		

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650	US	Automatic Electronic Message Filtering Method and Apparatus	Ariel Raviv, Dan Pelleg, Ran Wolff, Noa Avigdor-Elgrabli, Gal Lalouche	May 7, 2019	16405143		
651	US	Systems and Methods for Implementing Automated Barriers and Delays for Communication	Eric Bax, John Donald, Kimberly Williams, Tanisha Sharma, Melissa Gerber, Nikki Thompson	Mar 25, 2019	16363413		
652	US	Identifying Fraudulent Request for Content	Robert Harris, Jaime Morales, Ruichen (Ray) Wang, Helen Xie, Jian Tian	May 30, 2019	16426159		
653	US	Computerized System And Method For Email Search Assist Optimization	Ariel Raviv	Jun 20, 2019	16446787		
654	US	Method and System for Encrypted Searching	Stephen J.H. Owens, Sonia Johnson, Ramu Adapala, Chris Elza Kurian	Jul 16, 2019	16513320		
655	US	Method and System for Privacy Based Search	Stephen J.H. Owens, Sonia Johnson, Ramu Adapala, Chris Elza Kurian	Jul 16, 2019	16513372		
656	US	Threat Detection Using A Modified TLS Handshake	Atte Lahtiranta, Lachlan Maxwell	Jun 4, 2019	62856912		
657	US	Threat Detection Using Intentional Content Security Policy Violations	Atte Lahtiranta, Lachlan Maxwell	Jun 4, 2019	62856924		

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
658	US	Identifying Illegitimate Client Devices by Profiling Rendering Times	Atte Lahtiranta, Lachlan Maxwell	Jun 4, 2019	62856941		
659	US	Automatic Threshold Determination	Helen Xie, Robert Harris, Ruichen (Ray) Wang	May 30, 2019	16426235		
660	US	Method and System for Content Bias Detection	Dan Pelleg, Avihai Mejer, Ali Tabaja	May 30, 2019	16426138		
661	US	Isolated Budget Buckets	Yair Koren, Avi Shahar, Tal Cohen, Michal Aharon, Assaf Singer	May 16, 2019	16413816		
662	US	Feedback Based Item Selection and Transmission	Natalia Silberstein, Oren Shlomo Somekh, Yair Koren, Michal Aharon, Tingyi Wu, Dror Porat	Jul 9, 2019	16505916		
663	US	Systems And Methods For Generating Search Results Based On Optical Character Recognition Techniques And Machine-Encoded Text	Vinod Balakrishnan, Xiaoyu Guo	Oct 18, 2019	16657201		
664	US	Expected Revenue Threshold Determination	Yair Koren, Dror Porat, Avi Shahar, Alex Zlotnik	Oct 23, 2019	16661021		
665	US	Sensor-Based Object Status Determination	Aaron J Klish, Jonathan Kilroy, Emily Bernotas, Rich Pace, Kima Kheirolomoom	Jul 23, 2019	16519436		

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666	US	System and Method for Managing a Virtual Studio	Arunkumar Balasubramanian, Tjiu Jose, Suraj Sirpilli, Gabriel Audick, Gongxun Liu, Ming Hay Luk, Tony Lu	Aug 9, 2019	16536522		
667	US	Method and System for Data Mining	Konstantinos Tsioutsiouliklis, Sainath Vellal	Aug 22, 2019	62890407		
668	US	Method and System for Data Mining	Konstantinos Tsioutsiouliklis, Sainath Vellal	Oct 9, 2019	16597173		
669	US	Method And System For The Analysis Of User Content And Interaction To Define A Call To Action	Mohit Goenka, Hafeez Shaik, Luis Alves, Deepesh Mittal	Sep 4, 2020	17012567		
670	US	Determining Value of Source of Data	Eric Bax	Jun 25, 2019	16451223		
671	US	Aggregated Cost per Action Prediction	Yohay Kaplan, Michal Aharon, Rotem Stram	Jul 30, 2019	16526157		
672	US	Determining and Presenting User Emotion	Joel Oren, Irena Grabovitch-Zuyev, Ariel Raviv	Aug 6, 2019	16532621		
673	US	Automatic Web Browsing in Electronic Messaging Interface Method and	Marcel Becker, Anand Almal	Aug 5, 2019	16531371		
674	US	Model Training Framework	Huy Nguyen, Eric McVoy Dodds	Aug 15, 2019	16541751		

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675	US	Computerized System And Method For Providing A Modified Viewport Inbox Display	Nishit Chokhawala, Girish Subramanyam, Ayyappan Arasu	Aug 1, 2019	16528842		
676	US	Method and System for Secure Data Sharing	Will Lauer, Lee Rhodes, Yugandhar Reddy Boyapally, Dave Westbrook	Aug 21, 2019	16547011		
677	US	Systems and Methods for Dynamic Load Distribution in a Multi-Tier Distributed	Muhammad Rehman	Aug 20, 2019	16545293		
678	US	Systems and Methods for Managing Online Identity Authentication Risk in a Nuanced Identity System	Deepak Nayak, Lovlesh Chhabra, Jonathan Hryn, George Fletcher	Sep 27, 2019	16585358		
679	US	Computerized System And Method For Adaptive Stranger Detection	Yang Zhang, Guy Dassa, Atte Lahtiranta	Sep 17, 2019	16573245		
680	US	Systems And Methods For Adaptive Online User Profiles	Laura Booth, Agnes Liu, Ryan McCullah, Tony Ke, Kevin Tu	Jun 17, 2020	16904021		
681	US	Conversion Score Determination for Trending and Non-Trending Content	Lakshmi Narayan Bhamidipati, Sainath Vellal, Srinath Ravindran, Chander Iyer	Oct 8, 2019	16595859		
682	US	Intelligent Data Flow Based Service Discovery and	Atte Lahtiranta, Matti Oikarinen	Sep 4, 2019	16560002		
683	US	Sketch Search for eCommerce Product Retrival	TC Liou, Ching-Han Chang, Claire Wu, Wei-Lun Su	Nov 12, 2019	16681223		

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684	US	Data structure to array conversion	Dipankar Biswas, Raj Amrit, An Jiang, Attila Sahi	Dec 30, 2019	16730910		
685	US	Systems and Methods for Voice Rendering of Machine-Generated Electronic	Ariel Raviv, Avihai Mejer	Nov 15, 2019	16685522		
686	US	Secure Selection of a Profile in a Shared Context	George Fletcher	Jan 15, 2020	16743730		
687	US	Replacing DataBase Table Join Keys with Index Keys (Runtime of N Instead of	Robin Sahner, Mike Pippin, Allie K Watfa, George Aleksandrovich	Dec 26, 2019	16727060		
688	US	Annotating Datasets Without Redundant Copying	George Aleksandrovich, Allie K Watfa, Robin Sahner, Mike Pippin	Dec 26, 2019	16727096		
689	US	Horizontal Skimming of Composite Datasets	Mike Pippin, Robin Sahner, Allie K Watfa, George Aleksandrovich	Dec 26, 2019	16727142		
690	US	Tree-Like Metadata Structure For Composite Datasets	George Aleksandrovich, Allie K Watfa, Robin Sahner, Mike Pippin	Dec 26, 2019	16727172		
691	US	Generating Full Metadata From Partial Distributed Metadata	George Aleksandrovich, Allie K Watfa, Robin Sahner, Mike Pippin	Dec 26, 2019	16727219		
692	US	Sorting Unsorted Rows Of A Composite Dataset After A Join Operation	George Aleksandrovich, Allie K Watfa, Robin Sahner, Mike Pippin	Dec 26, 2019	16727261		
693	US	Scalable and distributed detection of road anomalies	Dan Pelleg, Ran Wolff	Dec 31, 2019	16731379		

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694	US	Detecting threat events	Aaron J Klish, Jonathan Kilroy, Rich Pace, Kima Kheirolomoom, Emily Bernotas	Nov 22, 2019	16692573		
695	US	Content item selection and measurement determination	Joel Barajas, Lakshmi Narayan Bhamidipati, Aaron Flores, Ben Jackson, Parag Bhattacharjee, Balaji Srinivasa Rao Paladugu	Dec 9, 2019	16707405		
696	US	Literacy-Adaptive Generation of Stories	Dan Pelleg, Ran Wolff, Avihai Mejer	Dec 24, 2019	16726548		
697	US	METHOD AND SYSTEM OF PERSONALIZED BLENDING FOR CONTENT RECOMMENDATION	Rao Shen, Konstantinos Tsioutsiouliklis, Donghyun Kim, Yufeng Ma, Yu Wang	Dec 12, 2019	16712278		
698	US	Content item selection and measurement determination	Joel Barajas, Lakshmi Narayan Bhamidipati, Ilya Slain, Lioz Medina, Milena Krasteva	Dec 9, 2019	16707431		
699	US	Automatic Digital Content Captioning Using Spatial Relationships Method And Apparatus	joao soares, Simao Herdade, Kofi Boakye, Armin Kappeler	Dec 30, 2019	16729982		
700	US	Content item selection	Lakshmi Narayan Bhamidipati, Ravi Kant, Yohay Kaplan, Alex Shtoff	Dec 31, 2019	16731108		
701	US	Cost optimized services for dynamic service levels	Sreenivas Rachamadugu	Dec 31, 2019	16731109	Sep 15, 2020	10776172

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702	US	Integrated BetSlip for Affiliates	Daniel Haight, Edward Jones Campbell, Venkatesh Dharmar	Oct 21, 2019	62924172		
703	US	Network Based Provision of Rendering and Hosting Systems	Daniel Haight, Edward Jones Campbell, Venkatesh Dharmar	Dec 27, 2019	16728010		
704	US	Integrated Betslip For Wagering Service Aggregator	Venkatesh Dharmar, Edward Jones Campbell, Daniel Haight	Oct 22, 2019	62924175		
705	US	Network Based Rendering and Hosting Systems and Methods Utilizing An	Venkatesh Dharmar, Edward Jones Campbell, Daniel Haight	Dec 27, 2019	16728035		
706	US	Computerized System And Method For Multi-Factor Message Classification And Delivery	Neeti Narayan, Jean-Marc Langlois, Changsung Kang, Hongwei Shang	Jan 28, 2020	16774044		
707	US	Content item selection for goal achievement	Eric Bax, Kimberly Williams, Lisa Giaffo, Nikki Thompson, John Donald, Melissa Gerber, Tanisha Sharma	Dec 17, 2019	16716537		
708	US	Coalition network identification	Ruichen (Ray) Wang, Tim Olson, Yan Han, Jian Tian, Robert Harris, Shaima AbdulMajeed	Apr 10, 2020	16845313		

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709	US	Coalition network identification using iterative process	Ruichen (Ray) Wang, Tim Olson, Yan Han, Jian Tian, Robert Harris, Shaima AbdulMajeed	Apr 10, 2020	16845355		
710	US	Transfer knowledge among multi-lingual eCommerce Recommender system	Wei-Lun Su, Pei-Ling Chen, Chia-Chuan Ho, TC Liou	Mar 23, 2020	16826545		
711	US	Deep Learning based approach for Coupon Extraction	Umang Patel, Sridharan Palaniappan, Rofaida Abdelaal, Chun-Han Yao	Mar 25, 2020	16829440		
712	US	Network profile generation	Sreenivas Rachamadugu	Dec 31, 2019	16731113		
713	US	Aritcle Authentication score	Sreenivas Rachamadugu	Dec 31, 2019	16731117		
714	US	Network Based Enforcement of Geographical Compliance	Edward Jones Campbell, Daniel Haight, Venkatesh Dharmar	Dec 27, 2019	16728067	Aug 4, 2020	10735910
715	US	Network Based Enforcement of Geographical Compliance	Edward Jones Campbell, Daniel Haight, Venkatesh Dharmar	Aug 3, 2020	16983134		
716	US	Content recommendation based upon continuity and grouping information of	Alex Shtoff, Yair Koren, Yohay Kaplan	Feb 25, 2020	16800504		
717	US	Salted Jensen-Shannon for Distributional Similarity	Stav Yanovsky, Ran Wolff	Mar 31, 2020	16835871		
718	US	Model for serving exploration traffic	Tal Cohen, Yair Koren, Avi Shahar, Alex Zlotnik, Yohay Kaplan	Jun 10, 2020	16897609		

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719	US	METHOD AND SYSTEM FOR DYNAMIC LATENT VECTOR ALLOCATION	Rina Leibovits, Oren Shlomo Somekh, Yohay Kaplan, Yair Koren	Jul 2, 2020	16919690		
720	US	Learning from Cross-Modal Behavior Dynamics with Graph-Regularized Neural Contextual Bandit	Suleyman Cetintas, Xian Wu, Jian Yang	Apr 3, 2020	16839436		
721	US	SYSTEM AND METHOD FOR ENSEMBLE EXPERT DIVERSIFICATION	Ran Wolff, Gal Lalouche	Jul 31, 2020	16944324		
722	US	SYSTEM AND METHOD FOR ENSEMBLE EXPERT DIVERSIFICATION VIA	Ran Wolff, Gal Lalouche	Jul 31, 2020	16944415		
723	US	SYSTEM AND METHOD FOR ENSEMBLE EXPERT DIVERSIFICATION AND CONTROL THEREOF	Ran Wolff, Gal Lalouche	Jul 31, 2020	16944459		
724	US	SYSTEM AND METHOD FOR ENSEMBLE EXPERT DIVERSIFICATION VIA BIDDING AND CONTROL	Ran Wolff, Gal Lalouche	Jul 31, 2020	16944503		
725	US	Streaming Data Pipeline With Batch Performance	Allie K Watfa, David Willcox, Mike Pippin, George Aleksandrovich, Jacob Tolar	May 22, 2020	16881302		
726	US	Blitz Topology : Joining and dimensional annotation	Allie K Watfa, Mike Pippin, George Aleksandrovich, David Willcox	May 22, 2020	16881512		

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727	US	Duplicate Detection And Replay To Ensure Exactly-Once Delivery In A	Allie K Watfa, George Aleksandrovich, Mike Pippin, David Willcox	May 22, 2020	16881631		
728	US	Certifying Events In A Streaming Pipeline	Allie K Watfa, George Aleksandrovich, Mike Pippin, David Willcox	May 22, 2020	16881751		
729	US	Exactly-Once Performance From A Streaming Pipeline In A Fault-Vulnerable System	Allie K Watfa, George Aleksandrovich, Mike Pippin, David Willcox	May 22, 2020	16881257		
730	US	Partitioned Backing Store Implemented In A Distributed Database	Allie K Watfa, David Willcox, George Aleksandrovich, Mike Pippin	May 22, 2020	16881833		
731	US	Pluggable Join Framework For Stream Processing	Allie K Watfa, David Willcox, George Aleksandrovich, Maulik Shah	May 22, 2020	16881883		
732	US	Parallel Audit Cycles Between Primary And Secondary Event Feeds	Allie K Watfa, David Willcox, Mike Pippin, George Aleksandrovich, Jacob Tolar	May 22, 2020	16881947		
733	US	Automatic Schema Upgrade In A Big Data Pipeline	Allie K Watfa, David Willcox, Mike Pippin, George Aleksandrovich	May 22, 2020	16881982		
734	US	System and Method for the Generation of Dynamic Product Ads in the Absence of Pixel Data	Ariel Raviv, Yair Koren, Eliran Abutbul, Omer Duvdevany	Jul 6, 2020	16920924		

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735	US	Labeled Data Generation for Detecting Clusters of Fake Accounts	Meizhu Liu, Yifan Hu, Lachlan Maxwell, Francis Hsu, Saurabh Tewari, Kevin Yen, Durga Sankari Sundara Manickam, Youngsam Park, Kshitiz Sethia, Yuzhu(Joe) Zhang	Apr 16, 2020	63010838		
736	US	Cloud Hosted Device Distances Method And Apparatus	Mohit Goenka, Thanawat Kaewka, Deepesh Mittal	Jul 6, 2020	16921082		
737	US	User‚Äôs Cross-domain Actions Prediction through Dual-Knowledge	Su-Chen Lin, James Liao, Alex Ou, TC Liou	May 27, 2020	16884151		
738	US	Computerized Filter Automation System And Method For Online Fraud	Shou Chenchao, Ruichen (Ray) Wang, Yan Han	Aug 10, 2020	63063631		
739	US	Computerized System And Method For Automatically Generating Original Memes For Insertion Into Modified Messages	Ariel Raviv, Ran Wolff	Aug 31, 2020	17007183		
740	US	Content recommendations based upon historical future data	Roie Melamed, Yohay Kaplan, Yair Koren	Jul 14, 2020	16928308		
741	US	Pruning for content selection	Junwei Pan, TIAN ZHOU, Aaron Flores	Sep 22, 2020	17028183		
742	US	Classifier validation	Eric Bax, Natalie Bax	Sep 28, 2020	17034427		

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743	US	Adaptable User Interface	Jack Chu, Lawrence Morrisroe, Chris Mancini	Jun 24, 2008	12145030	Oct 29, 2019	10460003
744	US	Dynamic Embedded Video Player	Jack Chu, Lawrence Morrisroe, Chris Mancini	Jun 24, 2008	12145046	Jan 17, 2017	9547725
745	US	Search Query User Interface	Jack Chu, Lawrence Morrisroe, Chris Mancini	Jun 24, 2008	12145079	Dec 5, 2017	9836550
746	US	Clearinghouse for Messages Between Disparate Networks	Alexander Q Musil, T.S. Ramakrishnan, Graeme R. Dollar	May 10, 2005	11125809	Dec 1, 2009	7626991
747	US	Clearinghouse for Messages Between Disparate Networks	Alexander Q Musil, T.S. Ramakrishnan, Graeme R. Dollar	Aug 20, 2009	12545002	Jul 24, 2012	8230029
748	US	Clearinghouse for Messages Between Disparate Networks	Alexander Q Musil, T.S. Ramakrishnan, Graeme R. Dollar	Jun 27, 2012	13535036	Aug 20, 2013	8516067
749	US	Command Center and Interface for Web Based Business Merchandising and	Tim Roberts, Jason Rupp	Mar 11, 2004	10800128	Dec 1, 2009	7627829
750	US	Community-Based Green List for AntiSpam	Jing Zhu, George Hu	Mar 1, 2004	10790332	Feb 20, 2007	7181498
751	US	Email System	Iain K Lamb, Ethan H. Diamond	Oct 7, 2002	10267004	Feb 14, 2012	8117264
752	US	Email System	Ethan H. Diamond, Iain K Lamb	Feb 3, 2012	13365690	Oct 16, 2012	8291032
753	US	Game server for use in connection with a messenger server	Chris Kirmse, Brian Gottlieb	Jul 2, 2001	09898746	Mar 2, 2004	6699125

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754	US	Game server for use in connection with a messenger server	Chris Kirmse, Brian Gottlieb	Oct 31, 2007	11933058	Mar 4, 2014	8663011
755	US	Integration of instant messaging with internet searching	Christopher Szeto, Raymond Chung-Man Tam	Apr 19, 2004	10828514	Aug 5, 2008	7409384
756	US	Method and System for Data Collection for Alert Delivery	Matthias Eichstaedt, T.S. Ramakrishnan, Patrick Loo, Ravi Menon, Sotirios Matzanas	Jun 11, 2004	10866065	Feb 19, 2008	7334001
757	US	Method and System for Alert Delivery Architecture	Matthias Eichstaedt, T.S. Ramakrishnan, Patrick Loo, Ravi Menon, Sotirios Matzanas	Jun 11, 2004	10866064	Nov 28, 2006	7143118
758	US	Method and System for Data Collection for Alert Delivery	Matthias Eichstaedt, T.S. Ramakrishnan, Patrick Loo, Ravi Menon, Sotirios Matzanas	Dec 20, 2007	11961953	Jul 27, 2010	7765228
759	US	Method and System for Delivery Alerts to a User	Matthias Eichstaedt, T.S. Ramakrishnan, Patrick Loo, Ravi Menon, Sotirios Matzanas	Jun 11, 2004	10866066	Mar 18, 2008	7346630

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760	US	METHOD AND SYSTEM FOR DISPLAYING RELATED COMPONENTS OF A MEDIA STREAM THAT HAS BEEN TRANSMITTED OVER A COMPUTER NETWORK	Thomas C. Dyer	May 16, 2001	09859564	Jun 7, 2005	6903779
761	US	Method and System for Generating Recommendations	Steve Souders, Lars Nilsen, Scott Gatz, Ashvinkumar Patel	Feb 26, 2004	10789869	Jul 2, 2019	10339538
762	US	Method and System for Generating Recommendations	Steve Souders, Lars Nilsen, Scott Gatz, Ashvinkumar Patel	May 21, 2019	16417781		
763	US	Method and system for image verification to prevent messaging abuse	Miles A. Libbey, Len Fenkel, Jing Zhu, Steven Yoshimoto	Apr 2, 2004	10817126	Dec 21, 2010	7856477
764	US	METHOD AND SYSTEM FOR SEGMENTATION OF A MESSAGE INBOX	Miles A. Libbey, Brooke A Thompson, Sidarth Khoshoo, Jeffrey C. Williams	May 27, 2004	10856007	Sep 23, 2008	7428579
765	US	SYSTEM AND METHOD FOR ENSURING CONSISTENT WEB DISPLAY BY MULTIPLE INDEPENDENT CLIENT PROGRAMS WITH A SERVER THAT IS NOT PERSISTENTLY CONNECTED TO CLIENT COMPUTER SYSTEMS	Brockton Davis, Derrick W. Whittle, Vincent L. Sollicito, Edward F. Seitz, Stephen J.H. Owens, Richard George Vaughan, James Zachary Bollas	Aug 29, 2003	10651473	Dec 23, 2008	7469302
766	US	Method And System Of Automatic Bandwidth	Alan Scott Florschuetz	Jul 12, 2001	09903888	Jul 29, 2003	6601009

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767	US	Method and System of Enhanced Messaging	Christopher Szeto	Mar 11, 2004	10798193	Feb 3, 2009	7487441
768	US	Method for the Real-Time Distribution of Streaming Data on a Network	Hongyu Yao, Amol Kekre, Michael Bennett	Apr 25, 2002	10132974	Dec 4, 2007	7305483
769	US	Space-optimizing content display	Edward F. Seitz, Derrick W. Whittle	Aug 29, 2003	10651476	Jul 1, 2008	7395500
770	US	Space-Optimizing Content Display	Edward F. Seitz, Derrick W. Whittle	Jun 30, 2008	12165592	Apr 23, 2019	10268359
771	US	Method And System For Managing Digital Content Including Streaming Media	Jay Brent Deshan, Chad Ric Gray, Thi Do	Feb 27, 2004	10789722	Sep 2, 2008	7421454
772	US	System and method for controlling access to digital content, including streaming media	Ajay Chintala, Anthony Rodiger, Justin Madison	Jun 6, 2001	10416975	Mar 25, 2008	7350231
773	US	Method for Controlling Access to Digital Content and Streaming Media	Justin Madison, Anthony Rodiger, Ajay Chintala, Alan Scott Florschuetz	Nov 5, 2001	10416623	May 18, 2010	7721339
774	US	System and method for controlling access to digital content, including streaming media	Ajay Chintala, Anthony Rodiger, Justin Madison, Alan Scott Florschuetz	Oct 22, 2003	10692444	Apr 8, 2008	7356838
775	US	Method And System For Managing Digital Content Including Streaming Media	Jay Brent Deshan, Chad Ric Gray, Thi Do	Aug 29, 2008	12201318	Apr 17, 2012	8161027
776	US	Streaming Media Content Delivery System and Method for Delivering Streaming	Ajay Chintala, Thomas Kee	Mar 30, 2005	11094055	Dec 28, 2010	7860993

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777	US	System and Method for Performing Purchase Transactions Utilizing a Broadcast-Based Device	Manish Upendran, Valla Vakili, Hamid-Reza Behnam-Dehkordy, Matthew Rowlen	Jan 6, 2004	10752620	Mar 18, 2008	7346556
778	US	System and Method for Presenting Fantasy Sports Content with Broadcast Content	Derek Dukes, Valla Vakili, Hamid-Reza Behnam-Dehkordy, Matthew Rowlen	Jan 6, 2004	10752743	Nov 25, 2008	7458093
779	US	System and Method for Performing Purchase Transactions Utilizing a Broadcast-Based Device	Manish Upendran, Valla Vakili, Hamid-Reza Behnam-Dehkordy, Matthew Rowlen	Oct 5, 2007	11867863	Apr 7, 2009	7516092
780	US	System And Method For Communicating Images Between Intercommunicating Users	Matthew New, Ramkumar Ramani, Christopher Forrest Harvey	Jun 26, 2003	10609183	Mar 24, 2009	7509377
781	US	Techniques for Inline Searching in an Instant Messenger Environment	Christopher Szeto, Raymond Chung-Man Tam	Apr 19, 2004	10827910	Apr 22, 2008	7363295
782	US	Upload Security Scheme	Charlie Jiang, Yingquing Lawrence Cui, Christopher Wu, Joy Sato	Sep 2, 2004	10934645	Sep 14, 2010	7797529
783	US	Upload Security Scheme	Charlie Jiang, Yingquing Lawrence Cui, Christopher Wu, Joy Sato	Sep 9, 2010	12878312	Apr 28, 2015	9021249

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784	US	Multimodal Interface for Mobile Messaging	Irvin Henderson, Naveen Dasa Sanjeeva, T.S. Ramakrishnan	Sep 7, 2005	11221994	Sep 8, 2009	7587482
785	US	System And Method For Providing Improved Access To A Search Tool In Electronic Mail-Enabled	Edward F. Seitz, Ashit Gandhi, Eric Burke	Oct 24, 2005	11256000	Nov 16, 2010	7836064
786	US	System and Method for Presenting Search Results	David Zito, Joseph Essas	Apr 11, 2005	11104175	Jan 6, 2015	8930358
787	US	System and method for providing time-based	David Zito, Joseph Essas	Apr 11, 2005	11104326	Aug 21, 2012	8250599
788	US	Method and apparatus for a search-enabled remote control device	David Zito, Joseph Essas	Apr 11, 2005	11104251	Sep 6, 2011	8015184
789	US	Method and apparatus for a search-enabled remote control device	David Zito, Joseph Essas	Jul 25, 2011	13189785	Oct 17, 2017	9792369
790	US	System and method for providing time-based	David Zito, Joseph Essas	Mar 30, 2012	13435803	May 20, 2014	8732747
791	US	System and Method for Providing Time-Based	David Zito, Joseph Essas	Jan 9, 2014	14151343	Jun 19, 2018	10002195
792	US	System and Method for Presenting Search Results	David Zito, Joseph Essas	Jan 5, 2015	14589803	Apr 16, 2019	10262067
793	US	Method and Apparatus for Organizing and Playing Data	Ronald Jacoby, Andrew R Volk	Sep 22, 2003	10670099	Aug 11, 2009	7574448
794	US	Method and Apparatus for Organizing and Playing Data	Andrew R Volk	Mar 10, 2009	12401340	Dec 10, 2013	8606828
795	US	Method and Apparatus for Organizing and Playing Data	Ronald Jacoby, Andrew R Volk	Jul 2, 2009	12496951	Oct 18, 2011	8041750

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796	US	Method and Apparatus for Organizing and Playing Data	Ronald Jacoby, Andrew R Volk	Sep 14, 2012	13619188	Apr 21, 2015	9015206
797	US	FRAMEWORK FOR PROVIDING DIGITAL HOME	Michael Mills, Ronald Jacoby	Oct 27, 2005	11261436	Feb 19, 2013	8381240
798	US	Framework For Delivering A Plurality Of Content And Providing For Interaction With The Same In A Television Environment	Brenda O'Kane, Ronald Jacoby	Jan 5, 2006	11327198	Jul 24, 2012	8230456
799	US	Informational Alert Messaging For Digital Home Services	Michael Mills, Philip McKay, Michael Hoch, Kumiko Tanaka Toft, Rod Perkins	Jan 5, 2006	11327188	Mar 19, 2013	8402506
800	US	System And Method For Tagging Content And Delivering The Tag To	Ronald Jacoby, Brenda O'Kane	Aug 2, 2006	11498459	Jan 27, 2015	8943538
801	US	Framework for Providing Digital Home Services	Ronald Jacoby, Michael Mills	Jan 28, 2013	13751727	May 23, 2017	9661389
802	US	System and Method for Tagging Content and Delivering the Tag to	Ronald Jacoby, Brenda O'Kane	Jan 26, 2015	14604919	Jun 20, 2017	9686590
803	US	System and Method for Tagging Content and Delivering the Tag to	Ronald Jacoby, Brenda O'Kane	Jun 19, 2017	15626684	Dec 19, 2017	9848246
804	US	ASSOCIATING A POSTMARK WITH A MESSAGE TO INDICATE TRUST	Ken Hickman, Miles A. Libbey, Josh Ramirez	Mar 14, 2005	11080734	Nov 9, 2010	7831834
805	US	Method for Signing into a Mobile Device Over a Network	Irvin Henderson, T.S. Ramakrishnan, Naveen Dasa Sanjeeva	Mar 18, 2005	11084769	Apr 27, 2010	7707292

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806	US	Method for Quick Registration from a Mobile Device	Irvin Henderson, Naveen Dasa Sanjeeva, T.S. Ramakrishnan	Apr 25, 2005	11115080	Dec 11, 2007	7308261
807	US	Media Object Metadata Association and Ranking	Daniel Butterfield, Eric Costello, Caterina Fake, Callum Henderson-Begg, Serguei Mourachov, Joshua Eli Schachter	Feb 8, 2006	11350635	Feb 19, 2019	10210159
808	US	Interestingness Ranking of Media Objects	Daniel Butterfield, Caterina Fake, Callum Henderson-Begg, Serguei Mourachov	Feb 8, 2006	11350981	May 20, 2014	8732175
809	US	Interestingness Ranking of Media Objects	Daniel Butterfield, Caterina Fake, Callum Henderson-Begg, Serguei Mourachov	Aug 23, 2012	13593112	Feb 26, 2019	10216763
810	US	Graphical User Interface for Overlaying Annotations on Media Objects	Daniel Butterfield, Caterina Fake, Callum Henderson-Begg, Serguei Mourachov	Feb 15, 2019	16277306		
811	US	MAPPING ONLINE SERVICE USER ID TO PORTAL USER ID	Lee Crawford, John Cahill	May 12, 2006	11383177	Mar 23, 2010	7685241
812	US	Providing Relevant Non-Requested Content to a Mobile Device	Jason Morse, Jonathan Grubb	Jun 6, 2006	11422539	May 20, 2014	8732234
813	US	Providing Relevant Non-Requested Content To A Mobile Device	Jason Morse, Jonathan Grubb	Apr 28, 2008	12111115	Jun 11, 2013	8463869

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814	US	Providing Relevant Non-Requested Content to a Mobile Device	Jason Morse, Jonathan Grubb	Apr 25, 2013	13870530	Jun 2, 2015	9049250
815	US	Providing Relevant Non-Requested Content to a Mobile Device	Jason Morse, Jonathan Grubb	Mar 31, 2014	14230337	May 17, 2016	9344523
816	US	Providing Relevant Non-Requested Content to a Mobile Device	Jason Morse, Jonathan Grubb	May 3, 2016	15145116	Jul 10, 2018	10019732
817	US	Remote Mobile Profile Detection And Modification	Jason Morse, Jonathan Grubb	Jul 3, 2018	16026439		
818	US	User interface for navigating a keyword space	Chung-Man Tam, Kenneth Norton, Jianchang (JC) Mao, Zhichen Xu, Adrienne Bassett, Ashley Hall, Nathan Arnold	Jan 2, 2013	13732535	Feb 21, 2017	9576057
819	US	ENABLING TEXT MESSAGING BETWEEN A MEMBER AND NON-MEMBER OF A COMMUNITY BASED ON A COMMON SHORT CODE	Irvin Henderson, Naveen Dasa Sanjeeva, T.S. Ramakrishnan	Jul 5, 2005	11175988	Jul 17, 2007	7245929
820	US	Content Router	Torsten Schulz, Marco Boerries, Matthias Breuer, Bjorn Ebbesen, Markus Meyer, Venkatachary Srinivasan	Jul 14, 2005	11182287	Dec 7, 2010	7849199

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821	US	Method and System for Authenticating a Message Sender Using DomainKeys	Mark Delany	Sep 24, 2003	10671319	Jan 10, 2006	6986049
822	US	Method and System for Authenticating a Message Sender Using Domain Keys	Mark Delany	Mar 19, 2004	10805181	Dec 25, 2007	7313700
823	US	Access Control and Metering System for Streaming Media	Ronald Jacoby	Oct 6, 2003	10680507	Jun 3, 2008	7383229
824	US	Integration of instant messaging with internet searching	Christopher Szeto, Raymond Chung-Man Tam	Jul 2, 2008	12167147	Aug 16, 2011	8001102
825	US	Event notification	Brockton Davis, Derrick W. Whittle, Vincent L. Sollicito, Edward F. Seitz, Stephen J.H. Owens, Richard George Vaughan, James Zachary Bollas	Jul 3, 2008	12168046	Oct 6, 2009	7600046
826	US	Method And System Of Automatic Bandwidth	Alan Scott Florschuetz	Jun 16, 2003	10462349	Nov 2, 2004	6813580
827	US	Method And System Of Automatic Bandwidth	Alan Scott Florschuetz	Nov 2, 2006	11592318	Aug 31, 2010	RE41618
828	US	Method and System of Enhanced Messaging	Christopher Szeto	Dec 11, 2008	12332892	Aug 5, 2014	8799758
829	US	Method for the Real-Time Distribution of Streaming Data on a Network	Hongyu Yao, Amol Kekre, Michael Bennett	Jun 14, 2007	11763179	Dec 7, 2010	7849128

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830	US	Method And System For Managing Digital Content, Including Streaming Media	Ajay Chintala, Anthony Rodiger, Justin Madison, William David Turner, Stephen Alexander Roberts, Vinay Polavarapu, Syed Noman Kazmi, Bhargavaram Gade, Ghousuddin Syed	Jan 18, 2002	10466132	Dec 29, 2009	7640320
831	US	Method and System for Managing Digital Content Including Streaming Media	Syed Noman Kazmi, Vinay Polavarapu, William Turner	Feb 6, 2004	10773532	Dec 7, 2010	7849207
832	US	Method and System for Managing Digital Content Including Streaming Media	Syed Noman Kazmi, Vinay Polavarapu, William Turner	Oct 31, 2007	11931643	Nov 26, 2013	8595340
833	US	Method and System for Managing Digital Content, Including Streaming Media	Ajay Chintala, Anthony Rodiger, Justin Madison, William David Turner, Stephen Alexander Roberts, Vinay Polavarapu, Bhargavaram Gade, Syed Noman Kazmi, Ghousuddin Syed	Oct 26, 2011	95001794	Feb 11, 2015	
834	US	Unsolicited Electronic Mail Reduction	Ashvinkumar Patel, Brian Woods, Udi Manber	Jan 31, 2001	09774439	Dec 12, 2006	7149778
835	US	Method and System for Managing Digital Content Including Streaming Media	Jay Brent Deshan, Chad Ric Gray, Thi Do	Jul 31, 2008	12183567	Aug 2, 2016	9407963

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836	US	Method And System For Managing Digital Content Including Streaming Media	Jay Brent Deshan, Chad Ric Gray, Thi Do	Aug 29, 2008	12201411	May 8, 2012	8176066
837	US	Method and System for Managing Digital Content Including Streaming Media	Jay Brent Deshan, Chad Ric Gray, Thi Do	Jul 28, 2016	15221741	Jul 16, 2019	10353866
838	US	Technique for Inline Searching in an Instant Messenger Environment	Christopher Szeto, Raymond Chung-Man Tam	Feb 29, 2008	12040578	Oct 11, 2011	8037047
839	US	FACILITATING RETRIEVAL OF INFORMATION WITHIN A MESSAGING ENVIRONMENT	Chen Zhang, Henri Torgemane, Frank Cort, T.S. Ramakrishnan	Dec 5, 2005	11295309	Apr 12, 2011	7925716
840	US	Facilitating Retrieval Of Information Within A Messaging Environment	Chen Zhang, Henri Torgemane, Frank Cort, T.S. Ramakrishnan	May 7, 2008	12116881	Aug 18, 2015	9111260
841	US	Systems and Methods for Indexing and Searching Digital Video Content	Ramesh Sarukkai	May 1, 2006	11416014	Jun 21, 2011	7965923
842	US	Systems and Methods for Indexing and Searching Digital Video Content	Ramesh Sarukkai	May 10, 2011	13104327	Nov 24, 2015	9196310
843	US	Peer-to-peer message chaining for initiating a data exchange with a server	Marcus Foster	Oct 4, 2005	11243166	Nov 20, 2007	7298714
844	US	System And Method For Information Retrieval Using Context Information	Mohammad Rafiushan Khan, Jason Rupp	Nov 15, 2006	11600359	Aug 23, 2011	8005806
845	US	System and method for context information retrieval	Jason Rupp, Mohammad Rafiushan Khan	Nov 15, 2006	11600670	Aug 27, 2013	8522257

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846	US	System and Method for Providing Context	Mohammad Rafiushan Khan, Jason Rupp	Aug 23, 2013	13974705	Jul 26, 2016	9400662
847	US	Data Synchronization and device handling	Lie Yang, Venkatachary Srinivasan, Marco Boerries, John A. Traver	Nov 14, 2005	11273891	Sep 20, 2011	8024290
848	US	Tracking and blocking of spam directed to clipping services	Zhaowei C. Jiang, Michael Temkin, Min Zhou, Daniel John Woods	Dec 15, 2005	11303318	Apr 27, 2010	7706263
849	US	Pre-Cognitive Delivery of In-Context Related Information	Liang-Yu Chi, Karon Weber, Samantha Tripodi	Dec 6, 2006	11635443	Mar 29, 2011	7917520
850	US	Fantasy Sports Alert Generator	Cristobal Baray, Chuck Riess, Shawn Robinson	Jul 28, 2006	11495087	Mar 26, 2013	8403756
851	US	Fantasy Sports Agent	Shawn Robinson, Cristobal Baray, Chuck Riess	Jul 28, 2006	11495074	Oct 29, 2013	8568236
852	US	Player Roster Selection Interface	Luke Wojewoda, Shawn Robinson	Apr 18, 2006	11406663	Jun 26, 2012	8206214
853	US	Player Roster Selection Interface	Luke Wojewoda, Shawn Robinson, Scott Ware	Nov 22, 2006	11603496	Jan 31, 2012	8105159
854	US	Geographical Location Extraction	Soren Riise, Devesh Patel, Eugene Stipp	Dec 22, 2003	10745093	Aug 14, 2007	7257570
855	US	Method of determining geographical location from IP address information	Soren Riise, Devesh Patel	Dec 22, 2003	10745094	Jul 6, 2010	7752210
856	US	Geographical Location Extraction	Soren Riise, Devesh Patel, Eugene Stipp	Jul 3, 2007	11773212	Dec 7, 2010	7849071

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857	US	Method of providing location based information to a mobile terminal within a communications network	Soren Riise	Jun 3, 2004	10861265	Nov 30, 2010	7844283
858	US	Method of determining a likely geographical location	Soren Riise, Devesh Patel	Oct 7, 2003	10680495	Oct 2, 2012	8280624
859	US	Synchronizing Image Data Among Applications and Devices	Joseph Martin, Venkatachary Srinivasan, Jerald Singh, Marco Boerries, Torsten Schulz	Jan 4, 2006	11325830	Jun 14, 2016	9367832
860	US	Targeting of Advertisements Based on Mutual Information Sharing Between Devices Over a	Anand Madhavan	Oct 3, 2006	11542874	May 15, 2012	8180674
861	US	System and Method For Population-Targeted Advertising	Andrew Tomkins, John Tomlin, Pavel Berkhin, Shanmugasundaram Ravikumar	Jul 27, 2006	11495269	May 28, 2013	8452832
862	US	Summarization of Media Object Collections	Alexander Jaffe, Mor Naaman, Marc Davis	May 19, 2006	11437344	Nov 29, 2016	9507778
863	US	Syndicated Ratings and Reviews	Edward Stanley Ott, Micah Laaker, Michael Quoc, Matthew McAlister	Feb 2, 2006	11347624		
864	US	Content Structures and Content Navigation Interfaces	Christian Lindholm, Bernd Scheibe, Torsten Schulz, Torsten Both, Pamela Mead	Aug 11, 2006	11502680	Jan 30, 2018	9880702

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865	US	DISPLAY PANEL WITH GRAPHICAL USER INTERFACE FOR NAVIGATING CONTENT	Pamela Mead, Matti Keltanen, Bernd Scheibe, Torsten Both	Oct 15, 2007	29296164	Jul 7, 2009	D595728
866	US	Persistent photo tray	Scott Schiller	May 10, 2006	11432037	Jul 14, 2009	7562311
867	US	Zero-Click Activation of An Application	Brian Coe	Sep 27, 2006	11535588	Apr 17, 2012	8159457
868	US	Zero-Click Activation of An Application	Brian Coe	Apr 16, 2012	13447856	Feb 17, 2015	8957854
869	US	AUTOMATED LEARNING FROM A QUESTION AND ANSWERING NETWORK OF	Larry Paul Heck	Dec 21, 2007	11962766	Oct 5, 2010	7809664
870	US	Video Channel Creation Systems and Methods	John Thrall, Ramesh Sarukkai, Ruofei (Bruce) Zhang, Sai Surya Kiran Evani	Sep 6, 2006	11517495	Oct 12, 2010	7814513
871	US	System and Method for Monitoring Delivery of Digital Content, including Streaming Media	Jay Brent Deshan, Ghousuddin Syed, Chad Ric Gray, Raul Giacoman, Jared Felner, Anthony Rodiger	Feb 27, 2004	10789644	May 13, 2008	7373415
872	US	Interactive Graphical Interface Including a Streaming Media Component and Method	Alan Scott Florschuetz, Chris Mancini	Feb 19, 2004	10782466	Sep 27, 2011	8028233
873	US	Interactive Graphical Interface Including a Streaming Media Component and Method	Alan Scott Florschuetz, Chris Mancini	Aug 17, 2011	13211833	Feb 28, 2017	9582818

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874	US	INSTANT MESSAGING SYSTEM CONFIGURED TO FACILITATE EVENT PLAN	Mehul Sanghavi	Oct 18, 2006	11550722	Oct 26, 2010	7822822
875	US	AUTOMATICALLY GENERATING A CONTENT-BASED QUALITY METRIC FOR	Ruofei (Bruce) Zhang, Ramesh Sarukkai, Subodh Shakya	Dec 11, 2006	11637422	Nov 2, 2010	7826657
876	US	Statistical Credibility Metric for Online Question	Byron E. Dom, Deepa Paranjpe	Oct 18, 2006	11583413	Apr 10, 2012	8155998
877	US	Statistical Credibility Metric for Online Question	Byron E. Dom, Deepa Paranjpe	Apr 10, 2012	13443825	Mar 18, 2014	8676634
878	US	Statistical Credibility Metric for Online Question	Byron E. Dom, Deepa Paranjpe	Apr 10, 2012	13443834		
879	US	Social Knowledge System Content Quality	Daniel Boies, Benoit Dumoulin, Remi Kwan	Oct 18, 2006	11583464	Aug 4, 2009	7571145
880	US	Social Knowledge System Content Quality	Daniel Boies, Benoit Dumoulin, Remi Kwan	Jun 24, 2009	12491133	Jan 4, 2011	7865452
881	US	Interface Overlay	David Cortright	Dec 28, 2006	11617283	Apr 22, 2014	8706169
882	US	Interface Overlay	David Cortright	Mar 27, 2014	14227285	Aug 21, 2018	10055082
883	US	Graphical Messages	Chris Kalaboukis, Sunil Nagaraj	Dec 11, 2006	11609300	Sep 17, 2019	10416838
884	US	Computerized System and Method for Creating and Communicating Graphical Messages	Chris Kalaboukis, Sunil Nagaraj	Aug 26, 2019	16550366		
885	US	Computerized System and Method for Creating and Communicating Graphical Messages	Chris Kalaboukis, Sunil Nagaraj	Sep 23, 2020	17029316		
886	US	Systems And Methods For Providing A Video Playlist	Tomi Blinnikka, Steven Horowitz	Dec 15, 2006	11611783	Apr 29, 2014	8713439

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887	US	TRANSITIONAL USER INTERFACE FOR A	Steven Horowitz, Jeffrey Bennett	Mar 24, 2008	29305574	Feb 10, 2009	D586363
888	US	Social Namespace Addressing for Non-Unique Identifiers	Michael Quoc, Dan Wascovich, Matt Fukuda, Jonathan Trevor, Edward Ho, Edward Stanley Ott, Randall Farmer	Oct 31, 2006	11555247	Aug 23, 2011	8006190
889	US	Social Namespace Addressing for Non-Unique Identifiers	Michael Quoc, Dan Wascovich, Matt Fukuda, Jonathan Trevor, Edward Ho, Edward Stanley Ott, Randall Farmer	Aug 19, 2011	13214043	Nov 15, 2016	9495712
890	US	Enabling display of a recipient list for a group text message	Michael Quoc, Dan Wascovich, Matt Fukuda, Jonathan Trevor, Edward Ho, Edward Stanley Ott	Nov 22, 2006	11562827	Jun 12, 2012	8200763
891	US	Techniques For Searching Future Events	Ricardo Baeza-Yates	Aug 11, 2006	11463978	Feb 23, 2010	7668813
892	US	USER QUERY DATA MINING AND RELATED TECHNIQUES	Ricardo Baeza-Yates, Barbara Poblete	Sep 12, 2006	11531245	Nov 10, 2009	7617208
893	US	Method and System for Posting Video	Steve Krutzler	Sep 28, 2006	11536387	Oct 23, 2018	10108730
894	US	Manipulation and Upload of Video Content Using Placeholder Images	Steve Krutzler	Oct 10, 2018	16156206		

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895	US	CONFIGURING A SEARCH ENGINE RESULTS PAGE WITH ENVIRONMENT-SPECIFIC INFORMATION	Amit Kumar	Dec 12, 2006	11638061	Jul 13, 2010	7756903
896	US	Player Streaks and Game Data Visualization	Kelly Hirano, Eric Bogs, Scott Ware	Dec 22, 2006	11644670	Mar 11, 2014	8671354
897	US	Collaborative-filtering contextual model based on explicit and implicit ratings for recommending items	Christina Yip Chung, Long-Ji Lin, Wei Guan	Nov 17, 2006	11601449	Sep 15, 2009	7590616
898	US	Collaborative-filtering contextual model optimized for an objective function for recommending items	Christina Yip Chung, Long-Ji Lin, Wei Guan	Nov 17, 2006	11601447	Aug 11, 2009	7574422
899	US	Collaborative-Filtering Content Model for	Christina Yip Chung, Long-Ji Lin, Wei Guan	Nov 17, 2006	11601450	Sep 1, 2009	7584171
900	US	Platform For Rendering Content for a Remote Device	Charlie Jiang, Nigel Choi, Chen Li, Keith Marlow, Guang Yang, Olga Gavrylyako, James Liang, Jeff Leung, Michael Temkin, Abdul Khan, Micah Dubinko, Ming Sui, Hui Guo, Jaekwon Park, Surendra Sadanand Rajam, Takayuki Tei	Sep 29, 2006	11537593	Oct 22, 2019	10452756
901	US	User Privacy Through One-Sided Cookies	Richard Chow	Nov 3, 2006	11592793	Sep 28, 2010	7805608

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902	US	System and Method for Selectively Displaying Web Page Elements	Tomi Blinnikka, Steven Horowitz	Sep 26, 2007	11861482	Jan 1, 2013	8347225
903	US	System and Method for Selectively Displaying Web Page Elements	Tomi Blinnikka, Steven Horowitz	Dec 20, 2012	13722593	Aug 20, 2019	10387535
904	US	System and method for the visualization of sports information	Kumiko Tanaka Toft, Roger Urrabazo, Eric Lin, John La, Sushant Kumar, Eric DelBalso, Michael Mills, Manilo Armando Lo Conte	Jan 11, 2007	11622329	Jan 31, 2012	8108795
905	US	System and Method for Recommended Events	William White, Michael Spiegelman	Dec 22, 2006	11615544	May 3, 2011	7937380
906	US	PROVISIONING MY STATUS INFORMATION TO OTHERS IN MY SOCIAL NETWORK	Cameron Marlow, Neal Sample, Chris Kalaboukis	Dec 22, 2006	11615920	Jul 17, 2012	8224359
907	US	Provisioning My Status Information To Others In My Social Network	Cameron Marlow, Neal Sample, Chris Kalaboukis	Mar 19, 2010	12728178	Jul 10, 2012	8219126
908	US	PROVISIONING MY STATUS INFORMATION TO OTHERS IN MY SOCIAL NETWORK	Cameron Marlow, Neal Sample, Chris Kalaboukis	Jul 17, 2012	13551431	Jul 14, 2015	9083794
909	US	Dynamic Combatting of Spam and Phishing Attacks	Richard Sinn, Miles A. Libbey	Jan 19, 2007	11625193	Jun 26, 2012	8209381
910	US	INTELLIGENT LOCATION-TO-CELL MAPPING USING ANNOTATED MEDIA	Mor Naaman, Rahul Nair, Shane Ahern, Simon King	Feb 5, 2007	11671355	Nov 8, 2011	8055271

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911	US	Context-Based Community-Driven Suggestions for Media Annotation	Mor Naaman, Marc Davis, Shane Ahern, Simon King, Rahul Nair, Jeannie Hui-I Yang	Feb 8, 2007	11672901	Jun 15, 2010	7739304
912	US	Method And System For Displaying Contextual Advertisements With Media	Steven Clarke-Martin, Chris Kalaboukis	Apr 6, 2007	11697615	Jun 15, 2010	7739596
913	US	System and method for displaying contextual advertisements with media	Steven Clarke-Martin, Chris Kalaboukis	May 3, 2010	12772522	Jul 10, 2012	8219911
914	US	Method And System For Displaying Contextual Advertisements With Media	Chris Kalaboukis, Steven Clarke-Martin	Jun 1, 2012	13486296	Aug 6, 2013	8504917
915	US	System and Method for Displaying Contextual Advertisements with Media	Steven Clarke-Martin, Chris Kalaboukis	Apr 16, 2013	13864153	Apr 7, 2015	9003288
916	US	SYSTEM FOR PROVIDING GEOGRAPHICALLY RELEVANT CONTENT TO A SEARCH QUERY WITH LOCAL	James William DelliSanti, Soren Riise, Devesh Patel, Ramazan Demir	Mar 28, 2007	11729103	Aug 10, 2010	7774348
917	US	System for Identifying Geographically Relevant Advertisements from a Search Query	James William DelliSanti, Soren Riise, Devesh Patel, Ramazan Demir	May 20, 2010	12784240	Mar 27, 2012	8145645
918	US	System and method for providing vector terms related to instant messaging conversations	Shiv Ramamurthi	Aug 27, 2007	11845340	Mar 29, 2011	7917465

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919	US	System and method for providing vector terms related to instant messaging conversations	Shiv Ramamurthi	Feb 24, 2011	13034204	Jul 31, 2012	8234239
920	US	System and method for providing vector terms related to instant messaging conversations	Shiv Ramamurthi	Jun 27, 2012	13534559	Mar 4, 2014	8666932
921	US	SYSTEM AND METHOD FOR ASSOCIATING A GEOGRAPHIC LOCATION WITH AN INTERNET	Bruce Campbell, Devesh Patel, Soren Riise, Ramesh Pai	Mar 28, 2007	11729365	Sep 20, 2011	8024454
922	US	System and method for associating a geographical location with an internet protocol address	Bruce Campbell, Devesh Patel, Soren Riise, Ramesh Pai	Aug 16, 2011	13210923	Oct 16, 2012	8291073
923	US	SYSTEM AND METHOD FOR ASSOCIATING A GEOGRAPHIC LOCATION WITH AN INTERNET	Soren Riise, Devesh Patel, Bruce Campbell, Ramesh Pai, Li Yue, Andreas Pagel	Mar 28, 2007	11729377	Jun 15, 2010	7739266
924	US	System And Method For Associating A Geographic Location With An Internet Protocol Address	Bruce Campbell, Devesh Patel, Soren Riise	Mar 28, 2007	11729364	Dec 31, 2013	8621064
925	US	System and method for associating a geographic location with an Internet protocol address	Bruce Campbell, Devesh Patel, Soren Riise	Nov 27, 2013	14092451	Apr 5, 2016	9305022

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926	US	System and method for identifying a link and generating a link identifier for the link on a webpage	Sunil Nagaraj, Nandu Jayakumar, Kian-Tat Lim, George Goldenberg, Adam Rosen, Joonsuk Bae	Mar 23, 2007	11690246	Mar 6, 2018	9912766
927	US	SYSTEM AND METHOD FOR MONITORING NETWORK TRAFFIC	Sunil Nagaraj, Nandu Jayakumar, Kian-Tat Lim, George Goldenberg	Jan 30, 2018	15884209		
928	US	Super-Emoticons	Jeffrey Bonforte, Christopher Szeto, Brian Kobashikawa	Jul 9, 2007	11775175	Jan 6, 2015	8930463
929	US	TEMPLATES FOR THEMED INSTANT MESSAGES	Jeffrey Bonforte, Jeff Ettenhofer, Patrick Jean, Becky Bochatey	Feb 7, 2007	11703896	May 18, 2010	7721217
930	US	Method and System for Managing Digital Photos	Ruta Raju	Jan 2, 2008	11968596	Aug 28, 2012	8254684
931	US	Method and System for Managing Digital Photos	Ruta Raju	Jul 23, 2012	13555815	Sep 16, 2014	8837831
932	US	Selecting and Displaying Advertisement in a Personal Media Space	Gopal Krishnan, Raj Vemulapalli	Jun 8, 2007	11760584	Jan 11, 2011	7870026
933	US	USER INTERFACE FOR TRANSITIONING BETWEEN CHAT AND EMAIL	Greg Rosenberg, Samir Mehta, Jim Kenney, Ethan H. Diamond	Feb 23, 2007	11710050	Jul 13, 2010	7756936
934	US	Autocomplete for integrating diverse methods of electronic communication	Greg Rosenberg, Kevin Johnston, Samir Mehta	Mar 8, 2007	11716121	Oct 22, 2019	10452763
935	US	Graphical User Interface For A Display Screen	Thanhy Mather, Brian Channell	Sep 24, 2007	29292023	Jul 21, 2009	D596645

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936	US	Graphical User Interface For A Display Screen	Thanhy Mather, Brian Channell	Apr 3, 2009	29334912	Oct 13, 2009	D602038
937	US	GRAPHICAL USER INTERFACE PROVIDING ANNOTATED ALERTS ON DYNAMICALLY GENERATED CHARTS FOR A DISPLAY SCREEN	Thanhy Mather	Sep 10, 2008	29324348	Mar 16, 2010	D611947
938	US	Expanding a Social Network by the Action of a Single	Christopher Szeto, Michael Holzer	Apr 3, 2007	11696058	Jul 8, 2014	8775561
939	US	Expanding a Social Network by the Action of a Single	Christopher Szeto, Michael Holzer	Jun 27, 2014	14317915	Nov 15, 2016	9495716
940	US	Intelligent Caching of User Data for Real Time	Raj Vemulapalli, Alan Li, Ming Judy Lu	Apr 10, 2007	11786248	Aug 3, 2010	7769951
941	US	METHOD FOR SESSION SECURITY	Kai Zhang, Leo Jiang	Jun 19, 2007	11765360	Dec 7, 2010	7849318
942	US	Systems and Methods for Providing Syndicated	Joseph Ting, Adam Hyder	Apr 3, 2007	11696143	Jan 7, 2020	10528629
943	US	Localized Voice Mail System	Kulvir Singh Bhogal, Nizamudeen Ishmael, Javid Jameossanaie	Jun 29, 2001	09895091	Jun 15, 2004	6751298
944	US	Controlling Network Congestion Using A Biased Packet Discard Policy For Congestion Control And Encoded Session Packets: Methods, Systems, And	Youssef Abdelilah, Gordon Davis, Jeffrey Derby, Dongming Hwang, Clark Jeffries, Malcolm Ware, Hua Ye	Jul 16, 2001	09906499	May 9, 2006	7042841
945	US	E-Mail With Voice / Phone Conference Feature	Thomas Creamer, Victor Moore, Glen Walters	Jul 19, 2001	09910271	May 23, 2006	7050557

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
946	US	Scalable Call Management System	Joseph Celi, Brett Gavagni, Margarita Zabolotskaya	Nov 15, 2001	09999474	Jun 6, 2006	7058046
947	US	Recall Of Previous Program Channel	Cary Lee Bates, Paul Day, John Santosuosso	Apr 17, 2001	09836313	May 16, 2006	7047548
948	US	System and method for enhancing recorded radio or television programs with information on the world wide web	Fernando Incentis Carro	Mar 28, 2002	10476921	Jul 19, 2011	7984472
949	US	System and method for enhancing recorded radio or television programs with information on the world wide web	Fernando Incentis Carro	Mar 1, 2011	13037847	Sep 17, 2013	8539538
950	US	System and method for enhancing recorded radio or television programs with information on the world wide web	Fernando Incentis Carro	Sep 17, 2013	14029429	May 17, 2016	9344670
951	US	System and method for enhancing recorded radio or television programs with information on the world wide web	Fernando Incentis Carro	May 16, 2016	15156299	Mar 7, 2017	9591362
952	US	System and method for enhancing broadcast programs with information on the world wide web	Fernando Incentis Carro	Apr 11, 2002	10477865	Mar 2, 2010	7673316

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
953	US	System and method for enhancing broadcast or recorded programs with information on the world wide web	Fernando Incentis Carro	Apr 11, 2002	10477866	Jun 23, 2009	7552193
954	US	SYSTEM AND METHOD FOR VIDEO CONVERSATIONS	Chris Kalaboukis	Apr 30, 2007	11742330	Aug 22, 2017	9743120
955	US	System And Method For Video Conversations	Chris Kalaboukis	Aug 21, 2017	15682319	Sep 24, 2019	10425668
956	US	System And Method For Video Conversations	Chris Kalaboukis	Sep 19, 2019	16575568		
957	US	Portion of a display panel with an icon image for displaying content	David Shamma	Sep 26, 2007	29295338	Mar 31, 2009	D589527
958	US	Personalized Page Modules	Stephen Garcia, Joshua Allen Rehling, Andrew Boath Faris, Anthony Amidei	Aug 16, 2007	11840146	Oct 30, 2012	8302013
959	US	Page Modules and Providing Content	Anthony Amidei, Stephen Garcia, Joshua Allen Rehling, Andrew Boath Faris	Aug 16, 2007	11840168	Aug 19, 2014	8812944
960	US	Systems and Methods for Dynamic Page Creation	Anthony Amidei, Joshua Allen Rehling, Stephen Garcia, Andrew Boath Faris	Aug 9, 2007	11836724	Jun 14, 2016	9367639
961	US	Graphical User Interface for Computer Screen	Joshua Allen Rehling, Andrew Boath Faris	Oct 2, 2007	29295597	Jul 21, 2009	D596642
962	US	Graphical User Interface for Computer Screen	Andrew Boath Faris, Joshua Allen Rehling	Oct 2, 2007	29295599	May 12, 2009	D592221

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
963	US	Method and system for schedule based advertising on a mobile phone	Maria Himmel, Herman Rodriquez, Newton Smith	Mar 29, 2001	09821134	May 3, 2005	6889054
964	US	Displaying Financial Information Based on	Brian Channell	Apr 20, 2007	11737933	Sep 7, 2010	7792738
965	US	Hot Within My Communities	Todd Sampson, John Sampson, Steve Ho, Eric Marcoullier, Scott Rafer	May 22, 2007	11752104	Nov 13, 2012	8312108
966	US	Hot Within My Communities	Todd Sampson, John Sampson, Steve Ho, Eric Marcoullier, Scott Rafer	Sep 13, 2012	13615077	Nov 3, 2015	9178951
967	US	SYSTEM FOR SERVING TARGETED ADVERTISEMENTS OVER MOBILE MESSAGING	Ramesh Sarukkai, Subash Sundaresan, Sam Hamilton, Shubhasheesh Anand	Jul 11, 2007	11776073	Apr 16, 2013	8423003
968	US	DETERMINATION OF SAMPLING CHARACTERISTICS BASED ON AVAILABLE MEMORY	David Anthony Burgess, Amit Shanbhag, Brian Selle, Glen Ames, Sundar Rajagopalan	May 9, 2007	11746541	Oct 19, 2010	7818534
969	US	NETWORK-BASED ARCHIVING FOR THREADED MOBILE TEXT MESSAGES	Marco Boerries, Gustav Soderstrom	Oct 25, 2007	11924074	Mar 12, 2013	8396493
970	US	Network-Based Archiving For Threaded Mobile Text Messages	Marco Boerries, Gustav Soderstrom	Mar 11, 2013	13793686	Feb 23, 2016	9271126
971	US	Location-Based Visualization of Geo-Referenced Context	Mor Naaman, Shane Ahern, Simon King, Rahul Nair	Aug 13, 2007	11893016	Jun 11, 2019	10318110
972	US	SCHEDULED ONLINE PRESENCE ON INSTANT	Prashanth Channabasavaiah	Sep 28, 2007	11864405	Jan 8, 2013	8352555

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
973	US	System and Method Using Sampling for Scheduling Advertisements in an Online Auction with Budget and Time Constraints	Rica Gonen, Elan Pavlov	Sep 10, 2007	11900524	Mar 4, 2014	8666813
974	US	System and Method for Payment Over a Series of Time Periods in an Online Market with Budget and	Rica Gonen, Elan Pavlov	Sep 10, 2007	11900523	Aug 9, 2011	7996306
975	US	System and method for merging internet protocol address to location data from multiple sources	Devesh Patel, Soren Riise, Li Yue, Ramesh Pai	Jul 31, 2007	11831331	Jan 11, 2011	7870227
976	US	Integrating Rich Media Into A Web-Based Calendar	Arup Kanjilal, Chinhao David Lee	Sep 16, 2008	12211770	Oct 10, 2017	9785916
977	US	Integrating Rich Media Into A Web-Based Display	Arup Kanjilal, Chinhao David Lee	Oct 5, 2017	15726144	May 28, 2019	10304038
978	US	Integrating Rich Media Into A Web-Based Display	Arup Kanjilal, Chinhao David Lee	Apr 25, 2019	16394352		
979	US	Persistent Group-Based Instant Messaging	Allen Tom, Adrien Cahen, Bryce Glass, Xavier Legros	Oct 23, 2007	11877604	Jun 26, 2012	8209384
980	US	System and Method For Streaming Videos Inline With An E-Mail	Surya Vakkalanka	Jul 25, 2007	11828218	Mar 29, 2011	7917591
981	US	Screen with a transitional graphical user interface for a video inbox	Surya Vakkalanka	Sep 18, 2007	29284903	May 26, 2009	D593114
982	US	Graphical user interface for a display screen	Jens Jonasson, Megan O'Toole, David Krovitz	Aug 29, 2007	29284049	Mar 2, 2010	D611055

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
983	US	Display Screen with a Graphical User Interface	Jens Jonasson, Megan O'Toole, David Krovitz	May 22, 2012	29422580	Jul 29, 2014	D709906
984	US	Graphical User Interface for a Display Screen	Jens Jonasson, Megan O'Toole, David Krovitz	Aug 29, 2007	29284050	Jul 21, 2009	D596644
985	US	GRAPHICAL USER INTERFACE FOR A DISPLAY SCREEN	Jens Jonasson, Megan O'Toole, David Krovitz	Aug 29, 2007	29284051	Dec 29, 2009	D607002
986	US	Graphical User Interface for a Display Screen	Jens Jonasson, Megan O'Toole, David Krovitz	Aug 7, 2008	29322623	Apr 13, 2010	D613747
987	US	Graphical User Interface for a Display Screen	Jens Jonasson, Megan O'Toole, David Krovitz	Aug 20, 2008	29323208	Jul 13, 2010	D619594
988	US	Social Network Building	Michael Holzer	Aug 8, 2007	11835661	Oct 29, 2013	8572216
989	US	System and Method for Location Based Matching	James Rosen	Oct 18, 2005	11253847		
990	US	System and Method For Location Based Matching And Promotion	James Rosen	Jul 30, 2008	12183030		
991	US	Social Network for Monitoring User Activity	James Rosen	Jul 20, 2011	13186725		
992	US	Social Network for Mapping Gradations to Target Intent	James Rosen	Jul 20, 2011	13186753		
993	US	System and method for location based social	James Rosen	Oct 18, 2005	11253848	Sep 13, 2011	8019692
994	US	System and method using sampling for scheduling advertisements in slots of different quality in an online auction with budget and time constraints	Rica Gonen	Sep 10, 2007	11900522	Mar 25, 2014	8682724

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995	US	Comment Filters for Real-Time Multimedia Broadcast Sessions	Steven Horowitz, Malcolm Slaney, Marc Davis	Dec 21, 2007	11963327	Oct 5, 2010	7809773
996	US	Blog-Based Video Summarization	Steven Horowitz, Malcolm Slaney, Marc Davis	Dec 21, 2007	11963450	Jan 3, 2017	9535988
997	US	System and Method for Observing Communication Behavior	Cameron Marlow	Dec 4, 2007	11950201	Dec 3, 2013	8600965
998	US	Application Interface for Global Mobile Message Delivery	Tong Zhu, Zhaowei C. Jiang, Ben Kim, Kenneth Ho, Jim Gan, Venkata Yerubandi, Daniel Woods	Oct 31, 2007	11981980	Jan 31, 2012	8107470
999	US	Application Interface for Global Message Delivery	Tong Zhu, Zhaowei C. Jiang, Ben Kim, Kenneth Ho, Jim Gan, Venkata Yerubandi, Daniel Woods	Jan 18, 2012	13353081	Feb 5, 2013	8369327
1000	US	Mobile Authentication Framework	Simon King, Mor Naaman	Oct 29, 2007	11926490	Aug 2, 2011	7992197
1001	US	Mobile Authentication Framework	Simon King, Mor Naaman	Jul 5, 2011	13176588	Mar 26, 2013	8407465
1002	US	DYNAMICAL ROUTING FOR TEXT MESSAGING	Kenneth Ho, Tong Zhu	Nov 28, 2007	11946763	May 10, 2011	7941557
1003	US	MANAGING COMMUNICATIONS WITH GLOBAL APPLICATIONS	Jim Gan, Kenneth Ho, Tong Zhu, Charlie Jiang	Oct 17, 2007	11874062	Jul 2, 2013	8478899

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1004	US	Method And System of Providing User Augmented Content	Chris Kalaboukis, Roberto Fisher, Ronald Martinez, Athellina Athsani	Nov 26, 2007	11945186	Aug 10, 2010	7774330
1005	US	Degree of Separation for Media Artifact Discovery	Tirrell Payton	Aug 29, 2007	11897051	May 14, 2019	10289749
1006	US	DETECTING SPAM MESSAGES USING RAPID SENDER REPUTATION FEEDBACK ANALYSIS	Miles A. Libbey, Randall Farmer, Mohammad Mohsenzadeh, Chip Morningstar, Neal Sample	Jul 6, 2007	11774460	May 3, 2011	7937468
1007	US	Real-Time Asynchronous Event Aggregation Systems	Randall Farmer, Mohammad Mohsenzadeh, Chip Morningstar, Neal Sample	Nov 27, 2007	11945911	Sep 30, 2014	8849909
1008	US	Real-Time Asynchronous Event Aggregation Systems	Randall Farmer, Mohammad Mohsenzadeh, Chip Morningstar, Neal Sample	May 29, 2014	14290072	May 24, 2016	9348788
1009	US	Real-Time Asynchronous Event Aggregation Systems	Randall Farmer, Mohammad Mohsenzadeh, Chip Morningstar, Neal Sample	May 16, 2016	15155717	Apr 16, 2019	10264015

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1010	US	Distributed Live Multimedia Capture, Feedback Mechanism, and Network	Athellina Athsani, Chris W. Higgins, Marc Davis, Joseph O'Sullivan, Ronald Martinez	Sep 28, 2007	11864769	Aug 21, 2012	8250616
1011	US	Distributed Automatic Recording of Live Event	Athellina Athsani, Chris W. Higgins, Marc Davis	Feb 11, 2009	12369714	Aug 27, 2013	8522289
1012	US	Distributed Live Multimedia Switching Mechanism and Network	Marc Davis, Joseph O'Sullivan, Chris W. Higgins, Ronald Martinez, Athellina Athsani	Feb 6, 2014	14174840	Jan 1, 2019	10171254
1013	US	PAY-PER-ACTION SYSTEM FOR SELLING	Mohammad Mahdian, Kerem Tomak	Aug 8, 2007	11835733	Nov 29, 2011	8069083
1014	US	Pay-Per-Action System for Selling Advertisements	Mohammad Mahdian, Kerem Tomak	Oct 7, 2011	13269221	Jan 28, 2020	10546305
1015	US	Associating Metadata with Media Objects Using Time	David Shamma	Dec 3, 2007	11949638	Oct 11, 2016	9465892
1016	US	Computerized System And Method For Automatically Associating Metadata With Media Objects	David Shamma	Sep 22, 2016	15272739	Jul 16, 2019	10353943
1017	US	System for Presenting an Electronic Programming Guide in a Satellite Communication System	Scott White, Ramsey Michael Ksar	Jul 17, 2007	11779131	Dec 3, 2013	8601508
1018	US	System And Method For A Personal Video Inbox	Arleen Agricola, Edward Wang, Michelle Oviedo	Nov 8, 2007	11936982	Mar 11, 2014	8671428
1019	US	Jury System For Use In Online Answers	Anirban Dasgupta, Arpita Ghosh	Dec 20, 2007	11961853	Aug 13, 2013	8510391

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1020	US	Jury System For Use In Online Answers	Anirban Dasgupta, Arpita Ghosh	Jul 10, 2013	13939114	Aug 26, 2014	8819158
1021	US	Creating Secure Social Applications with Extensible Types	Andrew Tomkins, Cameron Marlow, Raghu Ramakrishnan, Shanmugasundaram Ravikumar	Nov 10, 2009	12615986	Mar 21, 2017	9600800
1022	US	Creating Secure Social Applications with Extensible Types	Andrew Tomkins, Cameron Marlow, Raghu Ramakrishnan, Shanmugasundaram Ravikumar	Feb 22, 2017	15439132		
1023	US	System and Method for Synchronizing Data on a Network	Marc Davis, George Grinsted, Lee Parry, Marco Boerries, Chris W. Higgins, Joseph O'Sullivan, Robert C. Trout, Ronald Martinez	Dec 6, 2007	11952007	Nov 29, 2011	8069142
1024	US	System and Method For Disambiguating Non-Unique Identifiers Using Information Obtained from Disparate Communication Channels	Ronald Martinez, Nathanael Joseph Hayashi, Marco Boerries, Marc Davis, Chris W. Higgins, Joseph O'Sullivan, Robert C. Trout	Dec 17, 2007	11958157	Apr 24, 2012	8166168

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1025	US	System and Method For Disambiguating Non-Unique Identifiers Using Information Obtained from Disparate Communication Channels	Nathanael Joseph Hayashi, Marco Boerries, Marc Davis, Chris W. Higgins, Joseph O'Sullivan, Robert C. Trout, Ronald Martinez	Aug 17, 2011	13211950	Jan 7, 2014	8626694
1026	US	System and Method for Detecting the Source of Media Content with Application to Business	Satish Menon	Feb 1, 2008	12024572	Feb 4, 2020	10552701
1027	US	SYSTEM AND METHOD FOR CONTROLLING CONTENT UPLOAD ON A NETWORK	Satish Menon	Jan 13, 2020	16740808		
1028	US	Content Optimization System and Method	Sajjit Thampy, Daniel Ferrante, Amr Awadallah	Dec 21, 2007	11962751	Feb 21, 2017	9576001
1029	US	Computerized System And Method For Analyzing User Interactions With Digital Content And Providing An Optimized Content Presentation Of Such Digital	Sajjit Thampy, Daniel Ferrante, Amr Awadallah	Feb 9, 2017	15428681		
1030	US	Tag Aggregator	Ben Watson	Dec 19, 2007	11960619	Mar 20, 2012	8140963
1031	US	Tag Aggregator	Ben Watson	Jan 31, 2012	13362777	Mar 3, 2015	8972850
1032	US	Tag Aggregator	Ben Watson	Mar 2, 2015	14635601	May 14, 2019	10289746
1033	US	Tag Aggregator	Ben Watson	May 14, 2019	16411751		

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1034	US	Graphical User Interface For Computer Screen	Nina Ristani, Lino Wiehen, Jeff Hurlow, Douglas Kim, Sandra Barnat	Oct 2, 2007	29295642	Nov 3, 2009	D603419
1035	US	Graphical User Interface for Computer Screen	Nina Ristani, Lino Wiehen, Jeff Hurlow, Douglas Kim, Sandra Barnat	Oct 9, 2008	29326009	Dec 8, 2009	D605654
1036	US	Graphical User Interface for Computer Screen	Nina Ristani, Lino Wiehen, Jeff Hurlow, Douglas Kim, Sandra Barnat	Oct 9, 2008	29326010	Dec 8, 2009	D605655
1037	US	Graphical User Interface for Computer Screen	Nina Ristani, Lino Wiehen, Jeff Hurlow, Douglas Kim, Sandra Barnat	Oct 9, 2008	29326011	Dec 8, 2009	D605656
1038	US	Graphical User Interface for Computer Screen	Ankarino Lara, Stephen Blake	Oct 2, 2007	29295643	Oct 27, 2009	D602943
1039	US	Trust Based Moderation	Ori Zaltzman, Quy Dinh Le	Nov 15, 2007	11941009	May 1, 2012	8171388
1040	US	Trust Based Moderation	Ori Zaltzman, Quy Dinh Le	Mar 21, 2012	13425863	Feb 21, 2017	9576253
1041	US	Graphical User Interface for Computer Screen	Danny Setiawan, Ann-Bettina Colace	Sep 6, 2007	29284388	Sep 29, 2009	D601153
1042	US	Graphical User Interface for Computer Screen	Ann-Bettina Colace, Danny Setiawan	Sep 6, 2007	29284387	Apr 28, 2009	D591306
1043	US	Generating Congruous Metadata for Multimedia	Malcolm Slaney, Kilian Quirin Weinberger	Mar 4, 2008	12042306	Feb 26, 2019	10216761
1044	US	Generating Congruous Metadata for Multimedia	Malcolm Slaney, Kilian Quirin Weinberger	Feb 21, 2019	16281158		

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1045	US	Friendly search and socially augmented search query assistance layer	Elizabeth F Churchill, Tony Thrall, Joseph O'Sullivan	Jun 5, 2008	12133673	Nov 8, 2011	8055673
1046	US	Graphical icon for a computer display	Jennifer Byyny, Taylor Camp, Joel Yau, Sara Mordecai	Dec 20, 2007	29299267	Mar 3, 2009	D587726
1047	US	GRAPHICAL USER INTERFACE FOR COMPUTER SCREEN	Hye-Jin Nae, Holly Holzhauer, Amy Ilyse Rosenthal, Jennifer Byyny	Dec 20, 2007	29299268	Mar 30, 2010	D612860
1048	US	System and Method For Maintenance Of Questions and Answers Through Collaborative and	Luke Wroblewski, Michael Albers, Eckart Walther, Rob McCool	Mar 27, 2008	12056818	Nov 19, 2019	10482114
1049	US	Social Behavior Analysis and Inferring Social Networks for a Recommendation System	Sihem Amer Yahia, Evgeniy Gabrilovich, Bo Pang, Julia Stoyanovich, Cong Yu	Dec 20, 2007	11961555	Dec 6, 2011	8073794
1050	US	Recommendation System Using Social Behavior Analysis and Vocabulary	Sihem Amer Yahia, Alban Galland, Ramana Yerneni, Cong Yu	Dec 20, 2007	11961599	Nov 24, 2015	9195752
1051	US	Cost-effective image metadata creation using near-duplicate image	Ibrahim Husseini, Neela Sawant, Srinivasan H Sengamedu	Feb 15, 2008	12032521	Feb 7, 2012	8111912
1052	US	Graphical user interface for a display screen	Joe Magnani, Scott Moore, Steven Horowitz	Mar 6, 2008	29304740	Nov 3, 2009	D603418

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1053	US	Graphical user interface for a display panel	Kalani Kordus, David Feldman, Josh Jacobson, Evan S. Torchin, Stephen J. Hall, Lee Brimelow, Mark R. Ligameri	Dec 19, 2007	29299126	Dec 29, 2009	D607004
1054	US	Graphical User Interface for Displaying Contacts	Josh Jacobson, Evan S. Torchin, Stephen J. Hall, Lee Brimelow, Mark R. Ligameri, Kalani Kordus, David Feldman	Dec 19, 2007	29299128	Apr 14, 2009	D590411
1055	US	Systems and Methods for Providing a Similar Offline Viewing Experience of Online Website Content	Robert Shaver, William Clogston	Jun 29, 2006	11478066	Aug 16, 2011	8001471
1056	US	Systems and methods for a single development tool of unified online and offline content providing a similar viewing experience	Robert Shaver, William Clogston	Jun 29, 2006	11478067	Sep 6, 2011	8015491
1057	US	Systems and Methods for Inserting Ads During Playback of Video Media	Gulrukh Ahanger, Pavel Murnikov, Todd Boes, Robert Hammmond	Jun 6, 2008	12134569	Nov 6, 2012	8307392
1058	US	Systems and Methods for Forecasting Ad Inventory	Gulrukh Ahanger, Pavel Murnikov, Todd Boes, Robert Hammmond	Jun 6, 2008	12134589	Nov 20, 2012	8316392
1059	US	Systems and Methods for Inserting Ads During Playback of Video Media	Gulrukh Ahanger, Pavel Murnikov, Todd Boes, Robert Hammmond	Sep 14, 2012	13619942	Dec 1, 2015	9204102

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1060	US	Graphical user interface for displaying multimedia content for a display screen	Matia Wagabaza, Andrew Lloyd	Aug 29, 2008	29323780	Oct 13, 2009	D602029
1061	US	Visual Display of Fantasy Sports Team Starting Roster Data Trends	Brian D Ng, Dean Nakabayashi, Scott Pitkin, Sean Montgomery, Mark Kawakami, Ronald Belmarch	Dec 18, 2007	11959442	Nov 4, 2014	8876607
1062	US	Display Panel for Display of Fantasy Sports Team Roster Data Trends	Brian D Ng, Dean Nakabayashi, Scott Pitkin	Nov 21, 2007	29293437	Jun 16, 2009	D594464
1063	US	Real-time display of fantasy sports player transaction data	Brian D Ng, Dean Nakabayashi, Scott Pitkin, Sean Montgomery, Mark Kawakami, Ronald Belmarch	Dec 18, 2007	11959378	Jan 22, 2013	8357044
1064	US	Display panel for display of fantasy sports player transaction data	Brian D Ng, Dean Nakabayashi, Scott Pitkin	Nov 21, 2007	29293425	Jun 9, 2009	D594012
1065	US	Method and System for Securely Streaming Content	Omar Syed, Bhargavaram Gade, Robert Ames, Ghousuddin Syed, Karl Juhnke, Mark Ray Lee, Vinay Polavarapu, Sastry Anipindi, Alex Khanin	Mar 12, 2008	12047112	Oct 8, 2013	8555367

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1066	US	Universal Device Identifier For Globally Identifying And Binding Disparate Device Identifiers To The Same Mobile Device	Venkatachary Srinivasan, Charlie Jiang, Max Zhou, Hui Guo, Surendra Sadanand Rajam	May 30, 2008	12130939	Oct 11, 2011	8037097
1067	US	Universal Device Identifier For Globally Identifying And Binding Disparate Device Identifiers To The Same Mobile Device	Venkatachary Srinivasan, Charlie Jiang, Max Zhou, Hui Guo, Surendra Sadanand Rajam	Oct 3, 2011	13251963	May 20, 2014	8732205
1068	US	Simulated bucket testing	Amr Awadallah, Sajjit Thampy, Daniel Ferrante	Feb 14, 2008	12031613	Nov 8, 2011	8055470
1069	US	Reporting On Spoofed E-Mail	Anirban Kundu, Mark Delany, Miles A. Libbey, Masumi Taketomi, Mark E. Risher	Feb 22, 2008	12035941	May 24, 2011	7950047
1070	US	Blocking of Spoofed E-Mail	Mark Delany, Miles A. Libbey, Mark E. Risher, Masumi Taketomi, Anirban Kundu	Feb 20, 2008	12034602	Feb 19, 2013	8381262
1071	US	Dynamic Contextual Shortcuts	Vadim Von Brzeski, Reiner Kraft	Mar 26, 2008	12056172	Apr 8, 2014	8694887
1072	US	System to Compile Landmark Image Search	Mor Naaman, Lyndon Kennedy	May 23, 2008	12126387	Dec 27, 2011	8086048
1073	US	System to Compile Landmark Image Search	Mor Naaman, Lyndon Kennedy	Nov 22, 2011	13302271	Oct 27, 2015	9171231

128

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1074	US	Graphical User Interface For Displaying Content Selections on a Display Panel	Keith Saft, Lee Parry, Megan Shephard, Cole Poelker, Carlo P. Bernoulli	Dec 27, 2007	29299467	Apr 14, 2009	D590412
1075	US	Graphic user interface for displaying content selections on a display panel	Carlo P. Bernoulli, Keith Saft, Lee Parry, Megan Shephard, Cole Poelker	Mar 4, 2009	29333228	May 17, 2011	D638025
1076	US	Using Currency in Online Fantasy Sports Games	Miles A. Libbey, Brian Webb	Jun 27, 2008	12163754	Nov 8, 2011	8052521
1077	US	Graphical user interface bar for a display screen	Brian Channell	Mar 6, 2008	29304741	Nov 3, 2009	D603420
1078	US	Method For Media Fingerprinting	Satish Menon, Malcolm Slaney	May 1, 2008	12113893	Jun 10, 2014	8752185
1079	US	Apparatus and Methods for Detecting Adult Videos	Subodh Shakya, Ruofei (Bruce) Zhang	May 1, 2008	12113835	Jan 22, 2013	8358837
1080	US	Data Access Based On Content Of Image Recorded By A Mobile Device	Arun Ramanujapuram, Malcolm Slaney	May 15, 2008	12121259	Mar 26, 2013	8406531
1081	US	Data Access Based on Content of Image Recorded by a Mobile Device	Arun Ramanujapuram, Malcolm Slaney	Mar 25, 2013	13849968	Nov 1, 2016	9483499
1082	US	Data Access Based on Content of Image Recorded by a Mobile Device	Arun Ramanujapuram, Malcolm Slaney	Oct 4, 2016	15284607	May 30, 2017	9665596
1083	US	Data Access Based on Content of Image Recorded by a Mobile Device	Arun Ramanujapuram, Malcolm Slaney	May 17, 2017	15597621		
1084	US	Using Location-Based Request Data For Identifying Beacon Locations	Mor Naaman	Mar 4, 2008	12042218	Jul 12, 2016	9392572

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1085	US	Using Location-Based Request Data For Identifying Beacon Locations	Mor Naaman	Jul 11, 2016	15206343	Nov 7, 2017	9813870
1086	US	Generating Sharable Recommended And Popular E-Mails	Gareth Shue, Jeff Weng	Jun 3, 2008	12132572	May 27, 2014	8738637
1087	US	Coupon clipper interface for a display panel	David Chow	Apr 11, 2008	29306613	Nov 17, 2009	D604306
1088	US	Micro-Bucket Testing For Page Optimization	Ashish Shukla, Michael Wexler, Vik Singh, Ethan Kan, Deepa Joshi, Ingrid Lestiyo	May 6, 2008	12116198	Feb 28, 2012	8126930
1089	US	Finding Iconic Images	Tamara Berg, Alexander Berg	Jun 2, 2009	12476711	Sep 24, 2013	8542950
1090	US	System, Method, and Apparatus for Selecting One or More Representative	Xiaofei He	May 23, 2008	12126801	Jun 25, 2013	8472705
1091	US	Identifying And Employing Social Network Relationships	Cameron Marlow, Marc Davis, Neal Sample, Michael Curtis, Ryan Kennedy, Yathin Kirshnappa, Luke Wroblewski, Marco Boerries, Nathanael Joseph Hayashi	Feb 11, 2008	12069731	Feb 10, 2015	8954500
1092	US	System and Method for Message Clustering	Marc Davis, Luke Wroblewski, Joseph O'Sullivan, Paul Callan	Jun 24, 2008	12145145	Jun 24, 2014	8762285

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1093	US	System and Method for Message Clustering	Marc Davis, Luke Wroblewski, Joseph O'Sullivan, Paul Callan	Jun 9, 2014	14299781	Apr 17, 2018	9946782
1094	US	Method and Apparatus for Utilizing Social Network Information for Showing Reviews	Suju Rajan, Kunal Punera	May 15, 2008	12121593	Mar 26, 2013	8407286
1095	US	System and method for determining that an email message is spam based on a comparison with other potential spam messages	Patrick Wong, Tak Yin Wang	Jun 4, 2008	12132777	Aug 3, 2010	7769815
1096	US	System, Method, and Apparatus for Video Fingerprinting	Smita Wadhwa, Mahaboob Khan, Pawan Gupta	Sep 10, 2008	12208186	Apr 16, 2013	8422731
1097	US	Graphical user interface for a display screen	Jennifer Byyny	Jun 16, 2008	29319816	Aug 24, 2010	D622280
1098	US	Tool For Embedding Comments For Objects In An	Jennifer Byyny, Gamaiel Zavala	Mar 23, 2009	12409344	Oct 13, 2015	9159074
1099	US	Transitional computer user interface for a display screen	Jennifer Byyny, Agnes Liu, Seva Dyakov, Hye-Jin Nae, Yun Woo	May 5, 2008	29317719	Aug 17, 2010	D621850
1100	US	Mechanisms for Content Aggregation, Syndication, Sharing, and Updating	Marc Davis, Joseph O'Sullivan, Lee Parry, Keith Saft, Marco Boerries, George Grinsted, Carlo P. Bernoulli	Jul 30, 2008	12182715	Jan 22, 2019	10185779

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1101	US	Social Aspects of Content Aggregation, Syndication, Sharing, and Updating	Marc Davis, Joseph O'Sullivan, Lee Parry, Keith Saft, Marco Boerries, George Grinsted, Carlo P. Bernoulli	Jul 30, 2008	12182756	Oct 4, 2011	8032510
1102	US	Computer user interface for a display screen	David White, Tapan Bhat, Jay Burke Culligan, Steven Lawrence Brooks, Frank Taehyun Yoo, Michael Hans Mueller	Mar 22, 2008	29305535	Apr 14, 2009	D590413
1103	US	Computer user interface for a display screen	Luke Wroblewski, Pamela Huey, Steven Lawrence Brooks, David White	Jul 8, 2008	29320982	Aug 4, 2009	D597552
1104	US	Computer user interface for a display screen	Luke Wroblewski, Steven Lawrence Brooks, Pamela Huey, David White	Jul 8, 2008	29320980	Feb 2, 2010	D609242
1105	US	Computer user interface for a display screen	Luke Wroblewski, Steven Lawrence Brooks, Pamela Huey, David White	Jul 8, 2008	29320981	Feb 9, 2010	D609716
1106	US	Computer user interface for a display screen	Tapan Bhat, Jay Burke Culligan, Steven Lawrence Brooks, Frank Taehyun Yoo, Michael Hans Mueller, David White	Mar 22, 2008	29305536	Mar 17, 2009	D588604

132

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1107	US	Computer user interface for a display screen	Tapan Bhat, Jay Burke Culligan, Steven Lawrence Brooks, Frank Taehyun Yoo, Michael Hans Mueller, David White	Mar 22, 2008	29305537	May 19, 2009	D592675
1108	US	Computer user interface for a display screen	Tapan Bhat, Jay Burke Culligan, Steven Lawrence Brooks, Frank Taehyun Yoo, Michael Hans Mueller, David White	Mar 22, 2008	29305538	Apr 7, 2009	D589970
1109	US	Computer user interface for a display screen	David White, Tapan Bhat, Jay Burke Culligan, Steven Lawrence Brooks, Frank Taehyun Yoo, Michael Hans Mueller	Mar 22, 2008	29305539	Apr 7, 2009	D589971
1110	US	Computer user interface for a display screen	David White, Tapan Bhat, Jay Burke Culligan, Steven Lawrence Brooks, Frank Taehyun Yoo, Michael Hans Mueller	Mar 22, 2008	29305540	Aug 25, 2009	D598929
1111	US	Computer user interface for a display screen	Tapan Bhat, Jay Burke Culligan, Steven Lawrence Brooks, Frank Taehyun Yoo, Michael Hans Mueller, David White	Mar 22, 2008	29305541	Apr 14, 2009	D590414

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1112	US	Fantasy Sports Confidence Scores	Mark Kawakami, Brian D Ng, Jason Nako, Ronald Belmarch, Sean Montgomery	Oct 21, 2008	12255597	Nov 15, 2011	8057291
1113	US	Display of fantasy sports confidence scores	Jason Nako, Brian D Ng	Aug 21, 2008	29323284	May 18, 2010	D615885
1114	US	Computer user interface for a display screen	Hyunju Lee, Seva Dyakov, Maura K. Randall, Yun Woo	Nov 14, 2008	29327852	Mar 9, 2010	D611490
1115	US	Real-Time Ad-Hoc Spam Filtering of Email	Jay Pujara	Aug 8, 2008	12188612	Nov 29, 2011	8069128
1116	US	Transitional computer user interface for a display screen	Seva Dyakov, Agnes Liu, Yun Woo, Jennifer Byyny	May 12, 2008	29318056	Sep 21, 2010	D624089
1117	US	Contextually Aware Web Application Platform	Maxwell R. Engel, Cody Simms, Wade Chambers	Aug 28, 2008	12200783	Jan 10, 2017	9542384
1118	US	Open Framework For Integrating, Associating, And Interacting With Content Objects Including Automatic Feed Creation	Marco Boerries, Edward Stanley Ott, Keith Saft, Marc Davis, Erik Nis Jessen, Jonathan Merrell Chum, George Grinsted, Lee Parry, Adam Taggart, Amit Kumar	Feb 17, 2009	12371916	Mar 20, 2012	8140566

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1119	US	Automatic Feed Creation for Non-Feed Enabled Information Objects	Amit Kumar, Marco Boerries, Edward Stanley Ott, Keith Saft, Marc Davis, Erik Nis Jessen, Jonathan Merrell Chum, George Grinsted, Lee Parry, Adam Taggart	Mar 2, 2012	13411223	Oct 25, 2016	9477969
1120	US	Dynamic in-page advertising	Elizabeth F Churchill, M. Cameron Jones	Oct 31, 2008	12262497	May 8, 2012	8175922
1121	US	Dynamic in-page advertising	Elizabeth F Churchill, M. Cameron Jones	Mar 30, 2012	13436307	Mar 5, 2013	8392257
1122	US	Dynamic in-page advertising	Elizabeth F Churchill, M. Cameron Jones	Jan 31, 2013	13755722	Jul 22, 2014	8788346
1123	US	Identifying and Recommending Connections Across Multiple Online Services	Ian Kennedy, John A Sampson, Chris Goffinet, Todd Sampson, Emanuel Miller, Steve Ho, Raymund Ramos	May 14, 2009	12466321	Feb 12, 2019	10204348
1124	US	Selecting Sporting Events Based on Event Status	Kelly Hirano, Michael Kitzman, Mark Delamere, Brian Marshall, Hans Yang, Edward Jones Campbell	Sep 9, 2009	12555959	May 24, 2016	9348913
1125	US	Selecting Sporting Events Based on Event Status	Kelly Hirano, Michael Kitzman, Mark Delamere, Brian Marshall, Hans Yang, Edward Jones Campbell	May 23, 2016	15161721	Apr 18, 2017	9626686

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1126	US	Optimization framework for tuning ranking engine	Ruofei (Bruce) Zhang, Jianchang (JC) Mao	Sep 16, 2008	12211307	Jan 31, 2012	8108374
1127	US	Customizable Content for Distribution in Social Networks	Elizabeth F Churchill, M. Cameron Jones, Athellina Athsani	Dec 2, 2008	12326553	Dec 29, 2015	9224172
1128	US	Composing a Message in an Online Textbox Using a Non-Latin Script	Brian Bouta	Nov 7, 2008	12267299	Feb 21, 2012	8122353
1129	US	Generating A Live Chat Session In Response To Selection Of A Contextual	Reiner Kraft, Vadim Von Brzeski	Feb 10, 2009	12368937	Apr 3, 2018	9935793
1130	US	Targeted Instant Messenger Behaviors Employed For Optimization Of A Client	Richard Sinn, Bing Yuan, Kingston Choy, Takchun Tse	Sep 15, 2008	12211078	Feb 11, 2020	10558948
1131	US	Guiding user moderation by confidence levels	Michael Wexler, Deepa Joshi	Sep 30, 2008	12242777	Dec 24, 2013	8615512
1132	US	Spam Filtering Based On Statistics And Token Frequency Modeling	Lei Zheng, Sharat Narayan, Mark E. Risher, Stanley Ke Wei, Anirban Kundu, Vishwanath Tumkur Ramarao	Dec 4, 2008	12328723	Jan 29, 2013	8364766
1133	US	Detecting Bulk Fraudulent Registration Of Email Accounts	Mark E. Risher, Xiaopeng Xi, Bhasker Hariharan, Lei Zheng, Vishwanath Tumkur Ramarao, Anirban Kundu	Sep 17, 2009	12561875	Sep 2, 2014	8826450

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1134	US	Detecting Spam From A Bulk Registered E-Mail Account	Mark E. Risher, Xiaopeng Xi, Vishwanath Tumkur Ramarao	Sep 18, 2009	12562792	Nov 18, 2014	8892661
1135	US	Detection Of Outbound Sending Of Spam	Mark E. Risher, Xiaopeng Xi, Bhasker Hariharan, Lei Zheng, Naveen Jamal, Anirban Kundu, Vishwanath Tumkur Ramarao	Sep 17, 2009	12561940	Oct 21, 2014	8868663
1136	US	Toolbar for a user interface for a display screen	Tim Rechin, Pamela Huey, Martin Price, Tussanee Garcia Shelton, James Reffell, Joff Redfern, Luke Wroblewski	Dec 12, 2008	29329348	May 17, 2011	D638026
1137	US	Toolbar for a user interface on a display screen	Tim Rechin, Pamela Huey, Martin Price, Tussanee Garcia Shelton, James Reffell, Joff Redfern, Luke Wroblewski	Dec 12, 2008	29329349	Mar 16, 2010	D611948
1138	US	Toolbar for user interface on a display screen	Tim Rechin, Pamela Huey, Martin Price, Tussanee Garcia Shelton, James Reffell, Joff Redfern, Luke Wroblewski	Dec 12, 2008	29329352	Mar 23, 2010	D612393

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1139	US	User interface for a portion of a computing device display screen	Tim Rechin, Pamela Huey, Martin Price, Tussanee Garcia Shelton, James Reffell, Joff Redfern, Luke Wroblewski	Dec 12, 2008	29329353	Dec 29, 2009	D607006
1140	US	Method and System for Communicating With an Interactive Voice Response (IVR) System	Arkady Borkovsky, Su-Lin Wu, Konstantinos Tsioutsiouliklis	Jan 22, 2009	12357645	Sep 24, 2013	8543406
1141	US	Indicating Unavailability Of An Uploaded Video File That Is Being Bitrate Encoded	Priyanka Jain, Kishore Nair, Durgadatt R Kamath	Sep 2, 2009	12552364	Nov 25, 2014	8898575
1142	US	Indicating Unavailability Of An Uploaded Video File That Is Being Bitrate Encoded	Priyanka Jain, Kishore Nair, Durgadatt R Kamath	Oct 21, 2014	14520059	Aug 18, 2015	9111299
1143	US	Personalized Recommendations on	Wei Chu, Seung-Taek Park	Feb 19, 2009	12388941	Mar 21, 2017	9600581
1144	US	System and Method for Providing Recommendations	M. Cameron Jones, Elizabeth F Churchill, Athellina Athsani	Aug 12, 2009	12540337	Jul 3, 2018	10013489
1145	US	Context Aware Image Representation	Malcolm Slaney, Kilian Quirin Weinberger	Jun 24, 2009	12491217	Apr 30, 2013	8433993
1146	US	Managing Electronic Addresses based on Communication Patterns	Sudharsan Vasudevan, Hemanth Sambrani, Rohan Monga	May 23, 2009	12471351		
1147	US	Identification And Measurement Of Social Influence And Correlation	Shanmugasundaram Ravikumar, Aris Anagnostopoulos, Mohammad Mahdian	Aug 26, 2009	12547960	Mar 19, 2013	8401984

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1148	US	Method and System for Annotating Video Content	Chris Kalaboukis, Lluis Garcia Pueyo	Apr 30, 2009	12433052	Mar 17, 2015	8984406
1149	US	Maximizing Relevance Of Delivered Data Using A Single Common Identifier	Tyler A. Ziemann	Jun 20, 2016	15187250		
1150	US	System And Method For Social Networking	Shyam Ramamurthy, Manish Satyapal Gupta, Himanshu Verma, Shyam Krishnamurthy, Srinivas Devarakonda	Jan 26, 2010	12693510	Oct 7, 2014	8856229
1151	US	Binary Interest Vector For Better Audience Targeting	Allie K Watfa, Dale Nussel	Jun 3, 2009	12477815	Jul 3, 2012	8214390
1152	US	Methods for Detecting and Removing Duplicates in Video Search Results	Ishwar Sridharan, Prateeksha Uday Chandraghatgi, Sapna Chandiramani	Feb 24, 2010	12712149	Oct 21, 2014	8868569
1153	US	Portion of a display screen with computer user interface	Liang-Yu Chi, Raj Gopal Prasad Kantamneni, Ashley Hall, Frank Filippini, Diane Wing Yip	Apr 2, 2009	29334802	Jul 6, 2010	D619141
1154	US	Display screen with video search graphical interface	Roelof van Zwol, Lluis Garcia Pueyo	Jul 7, 2009	29339767	Jul 13, 2010	D619612
1155	US	Methods and System for Associating Locations with Annotations	Roelof van Zwol, Vanessa Murdock, Pavel Serdyukov	Jan 13, 2010	12686883	Sep 4, 2018	10068178
1156	US	Methods and System for Associating Locations with Annotations	Roelof van Zwol, Vanessa Murdock, Pavel Serdyukov	Aug 3, 2018	16054941		

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1157	US	Method and Interface for Displaying Locations Associated with Annotations	Vanessa Murdock, Roelof van Zwol, Lluis Garcia Pueyo	Jan 13, 2010	12686677	Feb 7, 2017	9563850
1158	US	Algorithmically Choosing When To Use Branded Content Versus Aggregated	Michael Wexler, Deepa Joshi	Nov 25, 2009	12626584	Nov 11, 2014	8886650
1159	US	Providing Link To Portion Of Media Object In Real Time In Social Networking Update	Michael George Folgner, Chris Kalaboukis, Ryan Brice Cunningham	Jul 31, 2009	12533684	May 7, 2019	10282481
1160	US	Taking Action Upon Users In A Social Networking System With Respect To A Purpose Based On Compatibility Of The Users To The Purpose	Chris Kalaboukis, Ryan Brice Cunningham, Michael George Folgner	Aug 26, 2009	12548140	Sep 22, 2015	9141271
1161	US	Method and System for Causing A Browser to Preload Web Page	Stoyan Stefanov	Aug 13, 2009	12540502	Sep 6, 2016	9436777
1162	US	Method and System for Causing A Browser to Preload Web Page	Stoyan Stefanov	Sep 1, 2016	15254540	Feb 26, 2019	10216858
1163	US	Method and System for Causing A Browser to Preload Web Page	Stoyan Stefanov	Feb 21, 2019	16281321		
1164	US	System for Allocating Advertising Inventory in a Unified Marketplace	Jian Yang	Oct 30, 2009	12609396	Nov 13, 2012	8311884
1165	US	Method and System for Managing Cookies in Web Communications	Parag Jain, David Su, Nicholas C Zakas	Sep 22, 2009	12564867	Feb 19, 2013	8380763

PATENT
REEL: 061688 FRAME: 0821

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1166	US	Method And System For Synchronizing Software Module Hosts	Paul Alex Broman, Parag Jain, John Hazelwood, Javadev Chandrasekhar, Steven Carlson, David Pham, Stephen J.H. Owens	Sep 21, 2009	12563854	Jun 6, 2017	9674305
1167	US	User interface for a computer display	Michael Hans Mueller, Shanying Leung, Tussanee Garcia-Shelton, Tim Rechin	Sep 21, 2009	29343903	Nov 30, 2010	D628209
1168	US	Method And System For Synchronizing Software Module Hosts	Paul Alex Broman, Parag Jain, John Hazelwood, Javadev Chandrasekhar, Steven Carlson, David Pham, Stephen J.H. Owens	Apr 25, 2017	15496167	Apr 10, 2018	9942359
1169	US	System and Method for Displaying Status of Electronic Messages	Sunil Kumar Gupta	Jan 8, 2010	12684276	Feb 4, 2014	8645814
1170	US	System for Display Advertising Optimization Using Click or Conversion Performance	Oliver Kennedy, Tasos Anastasakos, Erik Vee, Jayavel Shanmugasundaram, Sergei Vassilvitskii, Jian Yang, John Tomlin, Jianchang (JC) Mao	Oct 30, 2009	12609427	Nov 13, 2012	8311885
1171	US	Identifying Top Content Contributors In Online Social Networks	Yihong Zhao, Lei Guo	Feb 22, 2010	12710119	Sep 11, 2012	8266154

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1172	US	Constructing Travel Itineraries from Tagged Geo-temporal Photographs	Ronny Lempel, Cong Yu, Munmun De Choudhury, Moran Feldman, Nadav Golbandi, Sihem Amer Yahia	Feb 18, 2010	12708321	Oct 9, 2012	8285483
1173	US	Constructing Travel Itineraries from Tagged Geo-temporal Photographs	Ronny Lempel, Nadav Golbandi, Cong Yu, Munmun De Choudhury, Moran Feldman, Sihem Amer Yahia	Sep 28, 2012	13630680	Nov 26, 2013	8594925
1174	US	Constructing Travel Itineraries from Tagged Geo-temporal Photographs	Ronny Lempel, Nadav Golbandi, Cong Yu, Munmun De Choudhury, Moran Feldman, Sihem Amer Yahia	Nov 15, 2013	14082063	Oct 6, 2015	9151618
1175	US	BEHAVIOR TARGETING SOCIAL	Hao Zheng, Xianyu Zhao, Peng Liu	Dec 31, 2010	13381863	Jul 21, 2015	9087106
1176	US	Systems and Methods for Providing a Microdocument Framework for Storage, Retrieval, and Aggregation	Timothy Daly, Wei-Cheng Lai, Su-Lin Wu, William Robert Pentney	Apr 19, 2010	12762807	Sep 17, 2019	10417334
1177	US	System for Display Advertising Optimization with Uncertain Supply	Vijay Bharadwaj, John Tomlin	Jan 15, 2010	12688541	Nov 13, 2012	8311886
1178	US	DYNAMICALLY DETERMINING THE RELATEDNESS OF WEB OBJECTS	Sriram J. Sathish, subhajit Sanyal, Prateeksha Uday Chandraghatgi	May 4, 2011	13100302	Feb 16, 2016	9262518

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1179	US	Dynamically Determining The Relatedness of Web Objects	Sriram J. Sathish, subhajit Sanyal, Prateeksha Uday Chandraghatgi	Jan 29, 2016	15010225	Oct 9, 2018	10095695
1180	US	CREATING RICH EXPERIENCES IN MAIL THROUGH ATTACHMENTS	Abhishek Kumar	Apr 13, 2010	12759647	Apr 10, 2012	8156189
1181	US	CREATING RICH EXPERIENCES IN MAIL THROUGH ATTACHMENTS	Abhishek Kumar	Mar 6, 2012	13413351	Dec 25, 2012	8341235
1182	US	Method Or System For Recommending Personalized Content	Peng Liu, Xianyu Zhao, Wei Li	Nov 1, 2011	13496163	Mar 28, 2017	9607077
1183	US	Ranking And Selecting Representative Video	Roelof van Zwol, Lluis Garcia Pueyo	Dec 6, 2011	13312558	Apr 28, 2015	9020244
1184	US	Method and System for Drafting One or More Players in a Fantasy Sport	Dave Pawson	Jun 11, 2010	12813707		
1185	US	Media Recommendations for a Social-Software Website	Winter Mason, Siddharth Suri, Jake Hofman, Kellan Elliott-McCrea	Jul 9, 2011	13179522	Jul 9, 2013	8484226
1186	US	Automated Message Attachment Labeling Using Feature Selection In Message Content	Aravindan Raghuveer	May 28, 2010	12790536	Sep 2, 2014	8825472
1187	US	Content Quality Filtering Without Use of Content	Anke Chiang, Wen-Chih Peng	Sep 30, 2010	12895777	Dec 5, 2017	9836539

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1188	US	Fantasy Sport Auction Draft Application Roster Preview Grid	Ronald Belmarch, Ed Lu, Joe Trdinich, Edwin Pankau, David Geller, Dave Pawson, Paul Cameron, Shaelyn Clements	Sep 22, 2010	12888390	Jul 2, 2013	8475249
1189	US	Fantasy Sport Auction Draft Application	Ronald Belmarch, Ed Lu, Joe Trdinich, Edwin Pankau, David Geller, Dave Pawson, Paul Cameron, Shaelyn Clements	May 20, 2013	13898408	Sep 2, 2014	8821231
1190	US	Third Party Program Integrity And Integration Control In Web-Based	Daniel M Wong	Apr 13, 2012	13446381	Feb 21, 2017	9576064
1191	US	Third Party Program Integrity And Integration Control In Web-Based	Daniel M Wong	Jan 31, 2017	15420727	Sep 4, 2018	10069835
1192	US	Third Party Program Integrity And Integration Control In Web-Based	Daniel M Wong	Aug 29, 2018	16115633	Dec 3, 2019	10498736
1193	US	Presenting Modules in a Browser	Karen Fay, Renaud Waldura, Michael Chow, Michael Wexler	Oct 5, 2010	12898655	Sep 29, 2015	9148466
1194	US	Methods and Systems for Application Rendering and Management on Internet Television Enabled Displays	Ronald Jacoby	Mar 29, 2011	13075149	May 13, 2014	8726305

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1195	US	Methods and Systems for Application Rendering and Management on Internet Television Enabled Displays	Ronald Jacoby	Mar 26, 2014	14226744	Nov 8, 2016	9491502
1196	US	Methods and Systems for Application Rendering and Management on Internet Television Enabled Displays	Ronald Jacoby	Oct 17, 2016	15295857	Dec 12, 2017	9843833
1197	US	Method Of Recommending Content Via Social Signals	Brian Channell	Aug 24, 2010	12861936	Jan 19, 2016	9240020
1198	US	Providing Social Likeness Within A Messaging Context	Charu Sinha	Jul 27, 2010	12844697	Dec 3, 2013	8600901
1199	US	Display Screen with a Graphical User Interface	Anuj Sahai, Manish Mohan Sharma, Gaurav Mishra	Dec 2, 2010	29380267	Feb 24, 2015	D723047
1200	US	Fast Title/Summary Extraction From Long	Xin Li, Hongjian Zhao	Dec 6, 2010	12960828	Apr 19, 2016	9317595
1201	US	Identifying Reliable and Authoritative Sources of Multimedia Content	Lyndon Kennedy, Malcolm Slaney	Nov 30, 2010	12957335	Mar 12, 2013	8396876
1202	US	Method and system for providing map interactivity for a visually-impaired user	Jayant B. Sai, Victor Tsaran	Aug 11, 2011	13207417	Jul 21, 2015	9087455
1203	US	System and Method for Counting Network Users	Arun Prakash, Liang Zhang, Anirban Dasgupta, Belle Tseng, Benjamin Graham	Dec 2, 2010	12959069	Jul 8, 2014	8775606

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1204	US	Infinite Browse	Yookyung Kim, Xin Li, Alexandra Levich, Liang-Yu Chi, Ming Sui, Yihong Zhao, Marc Davis, Hongjian Zhao	Jun 28, 2010	12825304	Dec 3, 2013	8600979
1205	US	Infinite Browse	Yookyung Kim, Xin Li, Alexandra Levich, Liang-Yu Chi, Ming Sui, Yihong Zhao, Marc Davis, Hongjian Zhao	Nov 18, 2013	14083320	May 31, 2016	9355185
1206	US	Social Aggregation Communications	Jonathan Kilroy, Dale Nussel, Allie K Watfa	Aug 27, 2010	12870690	Nov 1, 2016	9483770
1207	US	Social Aggregation Communications	Jonathan Kilroy, Dale Nussel, Allie K Watfa	Sep 30, 2016	15283244	Oct 15, 2019	10445775
1208	US	Adding Privacy Protection to Photo Uploading/Tagging in Social Networks	Pei-Hsi Chen	Apr 1, 2011	13077998	Jun 3, 2014	8744143
1209	US	Presentation of Advertisements Based on User Interactivity with a	Mandar Shinde, Ting-Chieh Lai, Calvin Hung, Sven Haiges	Jul 22, 2010	12841985	Jan 14, 2014	8631356
1210	US	Real Time Association of Related Breaking News Stories Across Different Content Providers	Abhijit Khasnis, Subramanian Narayanan	Apr 11, 2011	13084352	Dec 24, 2013	8615518
1211	US	Dynamic Online Communities	Sanjay Kshetramade, Rajen Subba	Dec 20, 2010	12973813	Jul 8, 2014	8775355
1212	US	ISOLATION TOOL FOR USER ASSISTANCE IN SOLVING A CAPTCHA TEST	Robert Aaron Akka	Dec 22, 2010	12975390	May 5, 2015	9027122

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1213	US	Real-Time Play Valuation	Jeffrey K.Ma, Michael J. Kerns, Steven A. McClelland, Mark K. Kamal	Jul 21, 2005	11186502	Jul 3, 2012	8210916
1214	US	System for Ranking Memes	Francesco Bonchi	Dec 10, 2010	12965369	Oct 3, 2017	9779169
1215	US	System and Method for Social Filtering of Comments	Andrei Broder	Dec 22, 2010	12976628	Nov 26, 2019	10489744
1216	US	System and Method for Social Filtering of Comments	Andrei Broder	Nov 13, 2019	16681880		
1217	US	Fantasy Sports Trade Evaluator System and Method	Mike Graben, Ronald Belmarch, Joe Trdinich, Shane Kao, Joe Francis	Jul 12, 2011	13180664	Dec 25, 2012	8340794
1218	US	Fantasy Sports Trade Evaluator System and Method	Mike Graben, Ronald Belmarch, Joe Trdinich, Shane Kao, Joe Francis	Sep 14, 2012	13618960	Dec 10, 2013	8606380
1219	US	Mining Email Inboxes for Suggesting Actions	Yoelle Maarek, Ingmar Weber, Yehuda Koren	May 11, 2011	13105819	Jul 30, 2019	10366341
1220	US	Mining Email Inboxes for Suggesting Actions	Yoelle Maarek, Ingmar Weber, Yehuda Koren	Jun 25, 2019	16451478		
1221	US	CLUSTERING COOKIES FOR IDENTIFYING UNIQUE MOBILE DEVICES	Anirban Dasgupta, Liang Zhang, Maxim Gurevich, Achint Thomas, Belle Tseng	Dec 23, 2010	12978186	Mar 12, 2013	8396822
1222	US	Clustering Cookies for Identifying Unique Mobile Devices	Anirban Dasgupta, Liang Zhang, Maxim Gurevich, Achint Thomas, Belle Tseng	Feb 14, 2013	13767695	Jan 13, 2015	8935194

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1223	US	Entertainment Companion Content Application For Interacting With Television Content	David Mowrey, Laura Poffenberger	Dec 30, 2010	12982811	Jul 29, 2014	8793730
1224	US	Entertainment Content Rendering Application	David Mowrey, Laura Poffenberger	Aug 29, 2011	13220654	Oct 10, 2017	9788041
1225	US	Social Media User Recommendation System and Method	Marco Pennacchiotti, Siva Gurumurthy	Nov 16, 2011	13297988	Oct 11, 2016	9466071
1226	US	Social Media User Recommendation System and Method	Marco Pennacchiotti, Siva Gurumurthy	Oct 7, 2016	15288567	Feb 4, 2020	10552488
1227	US	Method and Apparatus of Analyzing Social Network Data to Identify a Financial Market Trend	Charles Shah	May 10, 2011	13104769	Oct 30, 2012	8301545
1228	US	Method and Apparatus of Analyzing Social Network Data to Identify a Financial Market Trend	Charles Shah	Sep 26, 2012	13627603	Aug 20, 2019	10387971
1229	US	Method and Apparatus of Analyzing Social Network Data to Identify a Financial Market Trend	Charles Shah	Aug 19, 2019	16543888		
1230	US	CONTEXTUAL SEARCH ON DIGITAL IMAGES	Siddhartha Mohapatra	Oct 26, 2011	13281440	Apr 3, 2018	9934316
1231	US	Method and System for Maximizing Content Spread in Social Network	Rushi P Bhatt, Rajeev Rastogi, Vineet Shashikant Chaoji, Sayan Ranu	Apr 6, 2011	13080661	Jun 10, 2014	8751618

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1232	US	Mobile-Based Real time Location-Sensitive Social Event Engine	Zhaohui Zheng	May 3, 2012	13463109	Mar 3, 2015	8972498
1233	US	System And Method For Recommending Content Based On Search History And Trending Topics	Hang Su, Siva Gurumurthy, Huming Wu	Oct 26, 2011	13282017	Sep 15, 2020	10776431
1234	US	Logo or Image Recognition	Roelof van Zwol, Lluis Garcia Pueyo, Stefan Romberg	Apr 15, 2011	13088305	Jan 21, 2014	8634654
1235	US	Logo or Image Recognition	Roelof van Zwol, Lluis Garcia Pueyo, Stefan Romberg	Jan 17, 2014	14158598	Nov 29, 2016	9508021
1236	US	Fantasy Sports Roster Management System and Method	Dave Pawson	May 12, 2011	13106081	Oct 7, 2014	8851998
1237	US	Anti-spam Transient Entity Classification	Sharat Narayan, Markus Weimer, Young Maeng, Gareth Shue, Belle Tseng, Vishwanath Tumkur Ramarao	Aug 31, 2011	13222720	Sep 13, 2016	9442881
1238	US	Anti-Spam Transient Entity Classification	Sharat Narayan, Markus Weimer, Young Maeng, Gareth Shue, Vishwanath Tumkur Ramarao, Belle Tseng	Sep 12, 2016	15263238	May 21, 2019	10298526

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1239	US	User Trustworthiness	Jay Pujara, Xiaopeng Xi, Martin Zinkevich, Anirban Dasgupta, Vishwanath Tumkur Ramarao, Belle Tseng, Wei Chu, Gareth Shue	May 26, 2011	13117037	Dec 13, 2016	9519682
1240	US	SYSTEMS AND METHODS FOR AUTOMATED LABELING OF SOCIAL CONNECTIONS	Saurabh Sahni, Pankaj Kothari	Oct 17, 2011	13274954	Feb 17, 2015	8959148
1241	US	Image Cropping Using Supervised Learning	Belle Tseng, Nicolas Torzec, Lyndon Kennedy, Roelof van Zwol	Dec 8, 2011	13315066	Jan 20, 2015	8938116
1242	US	Image Cropping Using Supervised Learning	Belle Tseng, Nicolas Torzec, Lyndon Kennedy, Roelof van Zwol	Jan 16, 2015	14599454	Nov 3, 2015	9177207
1243	US	Method or System for Content Recommendations	Anlei Dong, Jiang Bian, Xiaofeng He, Srihari Reddy, Yi Chang	Jan 11, 2012	13348573		
1244	US	Publish-Subscribe Based Methods and Apparatuses for Associating Data Files	Alexander Shraer, Maxim Gurevich, Vanja Josifovski, Marcus Fontoura	Nov 15, 2011	13297131	Aug 2, 2016	9405846
1245	US	Methods And Systems For Sharing Photos In An Online Photosession	Iain Andrew Huxley	Jul 6, 2011	13177510	Jul 22, 2014	8788584

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1246	US	System and Method for Targeting Advertising to a Device Based on Installed Applications	Jonathan Kilroy, Dale Nussel, Allie K Watfa, Anupam Seth	May 31, 2011	13118983	May 21, 2013	8447652
1247	US	System and Method for Targeting Advertising to a Device Based on Installed Applications	Jonathan Kilroy, Dale Nussel, Allie K Watfa, Anupam Seth	May 17, 2013	13896698	Feb 27, 2018	9904939
1248	US	Audio Fingerprint For Content Identification	Malcolm Slaney, Andr�s Hern�ndez Schafhauser	Dec 20, 2011	13332331	Feb 3, 2015	8949872
1249	US	Online Active Learning in User-Generated Content Streams	Wei Chu, Martin Zinkevich, Achint Thomas, Lihong Li, Belle Tseng	Oct 26, 2011	13282285	May 8, 2018	9967218
1250	US	Online Active Learning in User-Generated Content Streams	Wei Chu, Martin Zinkevich, Achint Thomas, Lihong Li, Belle Tseng	May 7, 2018	15973130	Dec 31, 2019	10523610
1251	US	Online Active Learning in User-Generated Content Streams	Wei Chu, Martin Zinkevich, Lihong Li, Achint Thomas, Belle Tseng	Dec 30, 2019	16729813		
1252	US	System For Incrementally Clustering News Stories	Kunal Punera, Suju Rajan, Choon Hui Teo, Srinivas Vadrevu	May 26, 2011	13117022	Sep 9, 2014	8832105
1253	US	Ranking and Ordering of User Generated Content	Nachi Nachiappan, Hemanth Sambrani	Apr 9, 2012	13442036	Dec 11, 2018	10152542
1254	US	Analyzing Content Demand Using Social Signals	Yury Lifshits	Jul 18, 2011	13185496	Jun 17, 2014	8756279

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1255	US	System and Method for Mobile Application Search	Anil Panguluri, Guy Hepworth, Alice Han, Polly Ng, Peng Liu, Xin Fan, Zhaohui Zheng, Yuanyuan Wang	Apr 6, 2012	13441119		
1256	US	Method and System For Group Communication Across Electronic Mail Users and Feature Phone Users	Anshuman Kumar, Rajiv Srivatsa, Sandeep Datar	Aug 11, 2011	13207423	Apr 2, 2019	10250746
1257	US	Method and System For Group Communication Across Electronic Mail Users and Feature Phone Users	Anshuman Kumar, Rajiv Srivatsa, Sandeep Datar	Feb 27, 2019	16287359		
1258	US	Using Companion Ads In Adlite Rich Media	Sudharsan Vasudevan, Suhas Sadanandan	Jul 19, 2011	13186300	Jul 7, 2015	9078025
1259	US	Search Engine Content	Yngve Tuseth Aasheim	Dec 30, 2015	14984787		
1260	US	Email Sharing	Surjya Prasad Hazarika	Dec 13, 2011	13324531	Mar 28, 2017	9607291
1261	US	Deriving a user profile from questions	Idan Szpektor, Gideon Dror, Dan Pelleg, Yoelle Maarek	Sep 10, 2012	13608149	Mar 29, 2016	9299081
1262	US	Two-Dimension Indexed Carousels For In Situ Media Browsing On Mobile Devices	Marco de Sa, David Shamma, Elizabeth F Churchill, Judd Antin	Mar 14, 2012	13420437	Feb 12, 2019	10204167
1263	US	Ad Hoc Collaboration Network For Capturing Audio/Video Data	Marco de Sa, David Shamma, Elizabeth F Churchill	Nov 16, 2012	13680009	Mar 22, 2016	9294787
1264	US	Ad Hoc Collaboration Network For Capturing Audio/Video Data	Marco de Sa, David Shamma, Elizabeth F Churchill	Feb 11, 2016	15042146	Mar 21, 2017	9602856

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1265	US	Method and system for personalizing web page layout	Timothy Daly, Evgeniy Makeev, Annie Cheng, Jeffrey Budzinski, Scott Roy	Jul 29, 2011	13193889	Aug 28, 2018	10061860
1266	US	MEDIA ENRICHMENT SYSTEM AND METHOD	Roelof van Zwol, Lluis Garcia Pueyo, Lyndon Kennedy, Yash Dayal, Mridul Muralidharan, Tom Gulik, Tejaswi Kasturi	Oct 17, 2011	13274812	May 24, 2016	9349129
1267	US	Media Enrichment System and Method	Roelof van Zwol, Lluis Garcia Pueyo, Lyndon Kennedy, Yash Dayal, Mridul Muralidharan, Tom Gulik, Tejaswi Kasturi	May 20, 2016	15160290	Oct 24, 2017	9799056
1268	US	Media Enrichment System and Method	Roelof van Zwol, Lluis Garcia Pueyo, Lyndon Kennedy, Yash Dayal, Mridul Muralidharan, Tom Gulik, Tejaswi Kasturi	Oct 23, 2017	15791049	Feb 26, 2019	10217140
1269	US	Lower Bandwidth Solutions Using Adlite Rich Media	Sudha Mahajan, Sudharsan Vasudevan, Suhas Sadanandan	Jul 19, 2011	13186330	Jul 7, 2015	9078026
1270	US	ADLITE RICH MEDIA SOLUTIONS WITHOUT PRESENTATION REQUIRING USE OF A VIDEO PLAYER	Suhas Sadanandan, Sudharsan Vasudevan, Sudha Mahajan	Jul 19, 2011	13186347	May 26, 2015	9043830

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1271	US	Personalization Of News Articles Based On News Sources	Su-Lin Wu, Srinivas Vadrevu, Ben Shahshahani	Mar 13, 2012	13419091	Jun 3, 2014	8745081
1272	US	Personalization of News Articles Based on News Sources	Su-Lin Wu, Srinivas Vadrevu, Ben Shahshahani	Apr 9, 2014	14249055	Mar 13, 2018	9916364
1273	US	Personalization of News Articles Based on News Sources	Su-Lin Wu, Srinivas Vadrevu, Ben Shahshahani	Mar 7, 2018	15914903		
1274	US	Method and System For Dynamically Providing Contextually Relevant Posts on an Article	Amit Motgi, Ali Satter, Bruce Ng	Sep 15, 2011	13233450		
1275	US	Method and system for dynamically providing contextually relevant news based on an article displayed on a web page	Amit Motgi, Bruce Ng, Ali Satter	Sep 26, 2011	13245808	Oct 22, 2019	10452727
1276	US	Providing Seamless Online Video Advertisements	Ching-Hsiang Tsai, Adam (Chi-En) Wang, Young (Chung-Hau) Yang	Nov 20, 2011	13300583	Sep 22, 2020	10783527
1277	US	Search engine and method for performing a search for objects that correspond to a search request	Flavio Junqueira, Jan Seedorf, Berkant Barla Cambazoglu, Vincent Leroy, Saverio Niccolini, Martin Stiemerling	Aug 12, 2011	14238487	Oct 31, 2017	9805122

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1278	US	Method and system for enhancing user experience on a web content page by categorizing contacts and relevant posts	Amit Motgi, Ali Satter	Nov 19, 2011	13300552	Oct 23, 2018	10108927
1279	US	Designing operations interface to enhance situational awareness	Adam John Richards, Stefan Sievert	Mar 23, 2012	13429043	Jan 10, 2017	9542292
1280	US	Computer Display Screen With a Transitional Graphical User Interface	Jen Tarara-Byyny, Guy Schackman, Katie Hartnack Beltramini, Veronica Gaspari	Mar 22, 2012	29416512	May 5, 2015	D728589
1281	US	Customizable Gestures For Mobile Devices	Marco de Sa, Elizabeth F Churchill, R. Preston McAfee, David Shamma	Feb 27, 2012	13405708	Mar 21, 2017	9600169
1282	US	Customizable Gestures For Mobile Devices	Marco de Sa, Elizabeth F Churchill, R. Preston McAfee, David Shamma	Mar 7, 2017	15452581		
1283	US	Location-Based Application Pop-Up	Michael Metcalf	Jan 20, 2012	13355347		
1284	US	Persona Engine	Steven McClelland, Michael Metcalf, Fernando Padilla, Sarah Sosiak	Dec 8, 2011	13315028	Sep 5, 2017	9754268
1285	US	System and Method to Enable Communication Group Identification	Jake Hofman, Winter Mason, Duncan James Watts	Jun 29, 2012	13539071	Aug 30, 2016	9430755

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1286	US	System and Method to Enable Private Conversations Around Content	Anand Rajagopalan, Hemanth Sambrani, Jonathan Katzman, Alexandre Linares	Jan 24, 2012	13357598	Apr 11, 2017	9621503
1287	US	MISSED MEDIA SYSTEM AND METHOD	Pradheep Elango	Dec 21, 2011	13332696	Nov 7, 2017	9811595
1288	US	Creating Video Synopsis for Use in Playback	Jeffrey Budzinski	May 21, 2012	13477013	Jul 22, 2014	8787730
1289	US	System and Methods for Providing Content	Nitin Motgi, Masood Mortazavi, Bruno M Fernandez-Ruiz	May 30, 2012	13483175		
1290	US	Network Appliance	Nitin Motgi, Bruno M Fernandez-Ruiz	Jul 10, 2012	13545099	Jan 29, 2019	10193887
1291	US	System and Method of Predicting Community Member Responsiveness	Yoelle Maarek, Gideon Dror, Idan Szpektor, Dan Pelleg	Jun 26, 2012	13533020	Jan 14, 2020	10535041
1292	US	System And Method For A Cloud-Based Electronic Communication Vault	Andrei Broder, Vanja Josifovski	Apr 27, 2012	13457744	Jul 22, 2014	8788819
1293	US	Method and System For Providing A Structured Topic Drift For A Displayed Set Of User Comments On An	Vidit Jain	Feb 20, 2012	13400125	Oct 6, 2015	9152948
1294	US	METHOD OR SYSTEM FOR RANKING RELATED NEWS PREDICTIONS	Roi Blanco, Michael Patrick Matthews, Peter Mika	Jun 29, 2012	13538798	Jun 14, 2016	9367633
1295	US	Testing Framework for Dynamic Web Pages	Parag Jain, okan alper, Jayadev Chandrasekhar	Sep 15, 2012	13620791	Jul 7, 2015	9075917

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1296	US	Method and system for generating recipients while composing electronic mails	Sudharsan Vasudevan, Hemanth Sambrani, Ankit Deepak Shah	May 27, 2012	13481854	Dec 30, 2014	8924492
1297	US	Social Networking Feed Delivery System and Method	Marco Serafini, Aristides Gionis, Ingmar Weber, Flavio Junqueira	Jul 2, 2012	13539949	Mar 11, 2014	8671141
1298	US	Contextual Application Delivery	Luojian Chen, Reiner Kraft, Guan Guan	May 1, 2012	13461010	Feb 12, 2019	10204169
1299	US	Contextual Application Customization	Luojian Chen, Reiner Kraft, Guan Guan	May 1, 2012	13461108	Jun 23, 2020	10691759
1300	US	Contextual Application Tracking	Luojian Chen, Reiner Kraft, Guan Guan	May 1, 2012	13461271	Dec 18, 2018	10157389
1301	US	Contextual Application Tracking	Luojian Chen, Reiner Kraft, Guan Guan	Nov 8, 2018	16183805		
1302	US	Page Personalization Performed by An Edge	Keith Marlow	Jun 7, 2012	13491517	Feb 13, 2018	9892198
1303	US	Page Personalization Performed by An Edge	Keith Marlow	Feb 12, 2018	15894814	Oct 23, 2018	10108727
1304	US	Seamless Browsing Between Devices	Ethan Batraski, Shenhong Zhu	Mar 21, 2012	13425558	Nov 12, 2019	10474728
1305	US	Display Screen with a Graphical User Interface Displaying a Content Wheel	Guy Hepworth, Craig D. Weber, Matt Klein, Aparna Jain	Oct 2, 2014	29504175	Jul 11, 2017	D791800
1306	US	Systems and Methods for Personalized Generalized Content Recommendations	Christopher LuVogt, Vu Nguyen, Bruce Robbins, Brian Theodore	Apr 27, 2012	13458897	Dec 5, 2017	9836545
1307	US	Display screen with graphical user interface	Rahul Hari, Ashutosh Kumar, Neeraj Bagdia	Aug 14, 2012	29429595	May 13, 2014	D704732
1308	US	Display Screen with Graphical User Interface	Rahul Hari, Ashutosh Kumar, Neeraj Bagdia	Aug 14, 2012	29429597	Oct 28, 2014	D716342

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1309	US	Automated Categorization of Products in a Merchant	Nagesh Pobbathi, Anlei Dong, Yi Chang	Dec 19, 2012	13720703	Jan 7, 2020	10528907
1310	US	User Behavior Models Based On Source Domain	Michele Trevisiol, Luca Maria Aiello, Luca Chiarandini, Alejandro Jaimes	Jun 22, 2016	15189884	Feb 25, 2020	10572565
1311	US	Framework For Marketplace Analysis	Tarun Bhatia, Prasad Chalasani, Rohit Chandra	Jun 29, 2012	13538902	Nov 10, 2015	9183564
1312	US	Framework For Marketplace Analysis	Tarun Bhatia, Prasad Chalasani, Rohit Chandra	Nov 9, 2015	14936021	Jul 31, 2018	10037540
1313	US	Framework For Marketplace Analysis	Tarun Bhatia, Prasad Chalasani, Rohit Chandra	Jul 26, 2018	16045883		
1314	US	Dynamic Generation of Mobile Web Experience	Mani Shankar Goswami	Feb 12, 2013	13765553	May 21, 2019	10296562
1315	US	Dynamic Generation of Mobile Web Experience	Mani Shankar Goswami	May 20, 2019	16416527		
1316	US	Visualizing Regions Characterized by Labeled Measurements	Bart Thomee, Adam Rae	Mar 15, 2013	13815833	Feb 23, 2016	9269125
1317	US	System and Method for Mailing List Identification and Representation	Zohar Karnin, Michal Aharon, Edo Liberty, Yoelle Maarek	Aug 14, 2013	13966458	Mar 14, 2017	9596205
1318	US	System and Method for Providing Selective and Visible Personalized Content for Webpages	Amit Motgi, Hrishi Mantri	Aug 28, 2012	13597222	Mar 7, 2017	9588784

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1319	US	Media content Enrichment Using an Adapted Object Detector	Vidit Jain, Sachin Sudhakar Farfade	May 15, 2013	13894814	Dec 13, 2016	9519659
1320	US	Media content Enrichment Using an Adapted Object Detector	Vidit Jain, Sachin Sudhakar Farfade	Dec 12, 2016	15375868	Jun 26, 2018	10007838
1321	US	Media content Enrichment Using an Adapted Object Detector	Vidit Jain, Sachin Sudhakar Farfade	Jun 22, 2018	16016137	Jan 8, 2019	10176364
1322	US	System and Method for Touch-Based	Aaron Druck	Nov 19, 2012	13680588	Sep 10, 2019	10410180
1323	US	System and Method for Touch-Based	Aaron Druck	Sep 4, 2019	16560343		
1324	US	System and Method of Event Publication in a Goal Achievement Platform	Prasad Chalasani, Tarun Bhatia, Eric Bax, Sam Fishman	Mar 15, 2013	13834277	Oct 6, 2015	9152920
1325	US	Computerized Systems and Methods for Determining Performance of Content in	Aravindan Raghuveer	Jul 19, 2013	13946047	Feb 26, 2019	10217127
1326	US	Method and System for Displaying Email Messages	Subramanyan Murali, Ankit Deepak Shah	Feb 28, 2013	13780922	Feb 4, 2020	10554608
1327	US	Portion of a Display Screen with Graphical User	Subramanyan Murali, Ankit Deepak Shah	Feb 28, 2013	29447038	Oct 13, 2015	D740854
1328	US	Method and System for Displaying Email Messages	Subramanyan Murali, Ankit Deepak Shah	Jan 13, 2020	16740658		
1329	US	Client Side Browser	Satish Mehta	Mar 28, 2013	13852985	Dec 20, 2016	9524509
1330	US	Selecting And Serving Content Based on Scroll Pattern Recognition	Sourabh Santoshkumar Dubey, Vineeth Nair	May 3, 2013	13886581	May 10, 2016	9335914

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1331	US	Display Screen Or Portion Thereof With Transitional Graphical User Interface	Agnes Liu, Guy Schackman, Chialing Hsu Sarva, Bonnie Pan, Sophie Dufresne	Mar 14, 2013	29449283	Apr 19, 2016	D754185
1332	US	System and Method for Enhancing Multi-Module Experience	Jane Mountain, Guy Schackman	Sep 13, 2013	14027140	Jul 26, 2016	9401948
1333	US	Fantasy Sports with Situational Substitutions of	Ronny Lempel	Jun 26, 2013	13928100	Oct 23, 2018	10105595
1334	US	Method and System for Retrieving User-Specific Information	Dong Che, Gaonan Zhang, Li Rong	Mar 15, 2013	14346512		
1335	US	Method and System for Cross Device Notification	Gaonan Zhang, Li Rong	Mar 15, 2013	14344120	Aug 2, 2016	9407586
1336	US	Method and System for Identifying and Delivering Enriched Content	Bruno M Fernandez-Ruiz	Jun 14, 2013	14364168	Feb 18, 2020	10565292
1337	US	Method and System for Identifying and Delivering Enriched Content	Bruno M Fernandez-Ruiz	Aug 6, 2014	14452645	Jun 13, 2017	9679082
1338	US	Method and System for Identifying and Delivering Enriched Content	Bruno M Fernandez-Ruiz	Feb 14, 2020	16790992		
1339	US	Image Based Faceted System and Method	Jia Li, Nadav Golbandi, Xian-Xing Zhang	Jun 10, 2013	13913943	Aug 9, 2016	9411829
1340	US	Image-Based Faceted System and Method	Jia Li, Nadav Golbandi, Xian-Xing Zhang	Aug 2, 2016	15225908	Mar 20, 2018	9922051
1341	US	Image-Based Faceted System and Method	Jia Li, Nadav Golbandi, Xian-Xing Zhang	Mar 19, 2018	15924923	Oct 16, 2018	10102227

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1342	US	System and Method of Using Context in Selecting a Response to User Device Interaction	Christopher Chan, Maud Calegari, Stephen Murphy, Melissa Ding, Maurice Rotta, Peter Levinson	Feb 21, 2013	13772714	May 12, 2020	10649619
1343	US	Method and System for Handling Images on a Multi-Touch Device	Keli Chiang, Johnny (Shih-Chiang) Lin, Judy Hsiao	Jun 4, 2013	13909233	Oct 22, 2019	10452706
1344	US	Visual Clothing Retrieval	Lyndon Kennedy, Jia Li, Ioannis Kalantidis	Apr 17, 2013	13865142	Oct 4, 2016	9460518
1345	US	System and Method for Contextual Mail Recommendations	Sainath Vellal, Naveen Belkale	Jun 4, 2013	13909534	Oct 11, 2016	9467409
1346	US	System and method for contextual mail recommendations	Sainath Vellal, Naveen Belkale	Oct 10, 2016	15289637	May 28, 2019	10305832
1347	US	SYSTEM AND METHOD FOR CONTEXTUAL MAIL RECOMMENDATIONS	Sainath Vellal, Naveen Belkale	May 21, 2019	16417683		
1348	US	System and Method for Measuring the Virality of Internet Content Using	Supreeth Rao, Aditi Sinha	May 16, 2013	13895981	Aug 9, 2016	9413834
1349	US	System and Method for Measuring the Virality of Internet Content Using	Supreeth Rao, Aditi Sinha	Jul 7, 2016	15204870	May 19, 2020	10657196
1350	US	SYSTEMS AND METHODS FOR IMAGE-BASED RECOMMENDATIONS	Ralph Li, Evans Tseng, Brian Liu	Jun 13, 2013	13916886	Aug 8, 2017	9727901

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1351	US	Unified End User Notification Platform	Andrew Feng, Nachi Nachiappan, Bruno M Fernandez-Ruiz, Lin Shen	Sep 11, 2013	14024020	Jun 12, 2018	9998556
1352	US	Unified End User Notification Platform	Andrew Feng, Nachi Nachiappan, Bruno M Fernandez-Ruiz, Lin Shen	May 23, 2018	15986871		
1353	US	System and Method for Identification of Subject Line Templates	Zohar Karnin, Edo Liberty, David Wajc, Guy Halawi	Sep 6, 2013	14020614		
1354	US	System and Methods for User Curated Media	Michael Metcalf, Roger William Graves, Pedro Valente, Alexandre Linares	Aug 28, 2013	14012961		
1355	US	Serving Of Web Pages According To Web Site Launch Times	Shu Kit Chan, Chiru Jaladi	Jul 12, 2013	13941294	Nov 15, 2016	9497251
1356	US	Media Forums for Presenting and Managing User Generated Content Regarding Articles Presented	Michael Metcalf, Jaesung Park	Nov 8, 2013	14076082	Jan 2, 2018	9858249
1357	US	Media Forums for Managing Mobile Generated User Content and Associations to	Michael Metcalf, Jaesung Park	Nov 8, 2013	14076086	Jul 3, 2018	10013402
1358	US	Media Forums for Managing Mobile Generated User Content and Associations to	Michael Metcalf, Jaesung Park	Jul 3, 2018	16026940	Jan 14, 2020	10534853

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1359	US	Method and System for Delivering Web Page Content Using Edge Server	Steve Krutzler, Shu Kit Chan, Gamaiel Zavala, Edward Jones Campbell	Dec 23, 2013	14138296	Sep 8, 2020	10771357
1360	US	System And Method For Contextually Enriching Content Of A Referrer Page When Returning From A	Sudharsan Vasudevan, Supreeth Rao, Utkarsh Shrivastava	Jun 21, 2013	13924497	Jan 23, 2018	9875317
1361	US	Method and system for measuring user engagement using click/skip in content stream using a probability model	Nan Liu, Scott Gaffney, Jean-Marc Langlois	Mar 15, 2013	13836556	Nov 26, 2019	10491694
1362	US	Method And System For Measuring User Engagement Using Click/skip In Content Stream	Nan Liu, Scott Gaffney, Jean-Marc Langlois	Oct 29, 2019	16667219		
1363	US	Method And System For Measuring User Engagement Using Click/skip In Content Stream	Nan Liu, Scott Gaffney, Jean-Marc Langlois	Oct 29, 2019	16667492		
1364	US	Method and System for Multi-Phase Ranking for Content Personalization	Yiping Han, Bruno M Fernandez-Ruiz, Jean-Marc Langlois, Jin Lim, Scott Gaffney	Mar 15, 2013	13839169	Oct 16, 2018	10102307

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1365	US	Automatic Detection of Expiration Time of Event-Based Articles	Aravindan Raghuveer, Syama Prasad Suprasadachandranpillai, Tom Praison Rajadurai A, Amit Kumar, Rahul Singh, Gaurav Sindhwani, Souri Nath Datta, Hemant Minocha, Satish Mummareddy	Dec 4, 2013	14096944	Feb 12, 2019	10204128
1366	US	Dwell-Time Based Generation of a User	Xing Yi, Dilan Gorur, Scott Gaffney	Nov 7, 2013	14074616	Apr 25, 2017	9633017
1367	US	Method and Apparatus for Facilitating Message Selection and Organization	Brian Coe	Apr 5, 2013	13857929	Apr 5, 2016	9304665
1368	US	Method and Apparatus for Facilitating Message Selection and Organization with Group-Level Actions	Brian Coe, Alicia Korn	Dec 18, 2013	14132617	Mar 1, 2016	9274691
1369	US	Method and Apparatus for Facilitating Message Selection and Organization	Brian Coe	Mar 29, 2016	15083905	May 9, 2017	9645710
1370	US	Systems and methods for determining related places	Renhui Zhang	Nov 1, 2012	13666844	Aug 18, 2015	9110894
1371	US	Method and Apparatus for automatically summarizing the contents of electronic documents	Inderjeet Mani, Eugenio Ciurana, Nicholas D Aloisio-Montilla, Bart K. Swanson	Sep 11, 2012	14348830	Mar 13, 2018	9916309

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1372	US	Method and Apparatus for Automatically Summarizing the Contents of Electronic Documents	Inderjeet Mani, Eugenio Ciurana, Nicholas D Aloisio-Montilla, Bart K. Swanson	Mar 8, 2018	15915656	Mar 24, 2020	10599721
1373	US	Graphical User Interface for Presenting a Menu of Options	Robin Razka, Nicholas D Aloisio-Montilla, Bart K. Swanson	Sep 11, 2012	14427330	Jul 23, 2019	10359908
1374	US	Determination of General and Topical News and Geographical Scope of News	Michael Wexler	Jul 17, 2013	13944409	Oct 31, 2017	9807181
1375	US	Dwell Time Based	Xing Yi	Sep 3, 2019	16558551		
1376	US	DISPLAYING LOCATION-BASED IMAGES THAT MATCH THE WEATHER	Brian Chu, Marco Wirasinghe	Aug 12, 2013	13964499	Jul 5, 2016	9386432
1377	US	DISPLAYING LOCATION-BASED IMAGES THAT MATCH THE WEATHER	Brian Chu, Marco Wirasinghe	Jun 20, 2016	15187069	Jul 10, 2018	10021524
1378	US	Method and System for Dynamically Changing a Header Space in a Graphical User Interface	Renhui Zhang, Maximillion Zhaohong Mai	Jul 29, 2013	13952734	Aug 25, 2020	10757241
1379	US	Dwell Time Based Advertising in a Scrollable	Xing Yi	Aug 23, 2013	13975157	Oct 23, 2018	10108977
1380	US	Dwell Time Based Advertising in a Scrollable	Xing Yi	Oct 3, 2018	16151102	Mar 24, 2020	10600074
1381	US	Customized News Stream Utilizing Dwelltime-Based Machine Learning	Xing Yi, Scott Gaffney, Jean-Marc Langlois	Oct 25, 2013	14064007	Jul 11, 2017	9703783

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1382	US	Customized Content Stream Utilizing Dwelltime-Based Machine Learning	Xing Yi, Scott Gaffney, Jean-Marc Langlois	Jul 10, 2017	15645986	Jul 30, 2019	10366119
1383	US	Email Frequency And Consolidation Assistant	Tom Gulik	Oct 3, 2013	14045561	Oct 23, 2018	10110532
1384	US	Email Frequency And Consolidation Assistant	Tom Gulik	Oct 9, 2018	16154849		
1385	US	Prioritizing Items From Different Categories In A	Xing Yi, Scott Gaffney	Aug 28, 2013	14012932	Jul 17, 2018	10025861
1386	US	Prioritizing Items From Different Categories In A	Xing Yi, Scott Gaffney	Jul 17, 2018	16038134	Dec 24, 2019	10515130
1387	US	Method and System for Classifying Man vs. Machine Generated E-mail	Zohar Karnin, Guy Halawi, David Wajc, Edo Liberty	Jan 9, 2014	14150788	Sep 15, 2020	10778618
1388	US	Unified Marketplace for Advertisements and Content in an Online System	Bruno M Fernandez-Ruiz, Scott Gaffney, Jean-Marc Langlois, Prabhakar Krishnamurthy, Aharon Lavi	Jul 1, 2013	13932766	Jul 22, 2014	8788338
1389	US	Content Ranking Based On User Features In Content	Michael Wexler	Jan 6, 2014	14147789	Apr 25, 2017	9633119
1390	US	Automatic Draft Email Notification	Supreeth Rao, Sudharsan Vasudevan, Utkarsh Shrivastava	Nov 25, 2013	14088525	Sep 19, 2017	9767439
1391	US	Smart Content Pre-Loading on Client Devices	Steve Krutzler, Amit Motgi, Gamaiel Zavala, Arons Lee, Devrim Tufan, Edward Jones Campbell	Dec 30, 2013	14144544	Jun 5, 2018	9990440

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1392	US	Smart Content Pre-Loading on Client Devices	Steve Krutzler, Amit Motgi, Gamaiel Zavala, Arons Lee, Devrim Tufan, Edward Jones Campbell	Jun 4, 2018	15997677	Aug 20, 2019	10387523
1393	US	Smart Content Pre-Loading on Client Devices	Steve Krutzler, Amit Motgi, Gamaiel Zavala, Arons Lee, Devrim Tufan, Edward Jones Campbell	Aug 19, 2019	16544123		
1394	US	Method and System for Assembling Animated Media Based on Keyword and String Input	Doug Imbruce	Oct 13, 2010	12903723	Nov 3, 2015	9177407
1395	US	Systems and Methods for Assembling and/or Displaying Multimedia Objects, Modules or Presentations	Doug Imbruce, Owen Bossola, Louis Monier, Christian Lecocq, Gustav Johan Rasmus Knutsson	Apr 19, 2012	13451483	Mar 21, 2017	9600919
1396	US	Method and System for Assembling Animated Media Based on Keyword and String Input	Doug Imbruce	Nov 2, 2015	14930470	Oct 9, 2018	10096145
1397	US	Systems and Methods for Assembling and/or Displaying Multimedia Objects, Modules or Presentations	Doug Imbruce, Owen Bossola, Louis Monier, Christian Lecocq, Gustav Johan Rasmus Knutsson	Mar 20, 2017	15464109	Jun 18, 2019	10325397

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1398	US	Systems and Methods Involving Features of Creation/Viewing/Utilization of Information Modules Such as Mixed-Media	Doug Imbruce, Owen Bossola, Tommy Chheng, Gustav Johan Rasmus Knutsson, Hakim El Hattab	Dec 20, 2012	13723171	Dec 10, 2019	10504555
1399	US	Systems and Methods Involving Features of Creation/Viewing/Utilization of Information Modules Such as Mixed-Media	Gustav Johan Rasmus Knutsson, Hakim El Hattab, Doug Imbruce, Owen Bossola, Tommy Chheng	Dec 20, 2012	13723175	May 21, 2019	10296158
1400	US	Systems And Methods Involving Creation/display/utilization Of Information Modules, Such As Mixed-media And	Doug Imbruce, Owen Bossola, Tommy Chheng, Gustav Johan Rasmus Knutsson, Hakim El Hattab	Feb 28, 2013	13781382		
1401	US	SYSTEMS AND METHODS INVOLVING CREATION OF INFORMATION MODULES, INCLUDING SERVER, MEDIA SEARCHING, USER INTERFACE AND/OR OTHER	Gustav Johan Rasmus Knutsson, Hakim El Hattab, Doug Imbruce, Owen Bossola, Tommy Chheng	May 23, 2013	13901561	Dec 12, 2017	9843823
1402	US	SYSTEMS AND METHODS FOR PROFILE BUILDING	Jeffrey Bonforte	Apr 26, 2010	12767764	Oct 29, 2013	8572191
1403	US	Systems and Methods for Profile Building Using Location Information from a	Jeffrey Bonforte	Oct 28, 2013	14065268	Oct 13, 2015	9160689
1404	US	Systems and Methods for Event-Based Profile Building	Jeffrey Bonforte	Oct 28, 2013	14065296	Oct 13, 2015	9160690
1405	US	Systems and Methods for Spam filtering	Adam Michael Smith, Josh Jacobson	Aug 4, 2009	12535659	Apr 28, 2015	9021028

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1406	US	Systems and Methods for Spam Filtering	Adam Michael Smith, Josh Jacobson	Apr 27, 2015	14697089	Sep 15, 2020	10778624
1407	US	SYSTEMS AND METHODS TO PROVIDE ASSISTANCE DURING ADDRESS INPUT	Gregory Garland Thatcher, Josh Jacobson, Frank Cort, Adam Michael Smith	Jul 8, 2009	12499775	Apr 19, 2011	7930430
1408	US	SYSTEMS AND METHODS TO PROVIDE ASSISTANCE DURING ADDRESS INPUT	Gregory Garland Thatcher, Josh Jacobson, Frank Cort, Adam Michael Smith	Jul 7, 2010	12832029	Sep 28, 2010	7805492
1409	US	SYSTEMS AND METHODS TO PROVIDE ASSISTANCE DURING ADDRESS INPUT	Gregory Garland Thatcher, Josh Jacobson, Frank Cort, Adam Michael Smith	Apr 19, 2011	13090084	Mar 27, 2012	8145791
1410	US	SYSTEMS AND METHODS TO PROVIDE ASSISTANCE DURING USER INPUT	Gregory Garland Thatcher, Josh Jacobson, Frank Cort, Adam Michael Smith	Mar 2, 2012	13411310	Nov 14, 2017	9819765
1411	US	Systems and Methods to Automatically Generate a Signature Block	Brian Hein, Matthew Brezina	Oct 14, 2009	12579321	Jul 21, 2015	9087323
1412	US	Systems and Methods to Identify Users using an Automated Learning Process	Adam Michael Smith	Feb 3, 2011	13020774	Dec 30, 2014	8924956
1413	US	Systems and Methods to Provide Server Side Profile Information	Dennis Quintela, Frank Cort	Dec 15, 2009	12638934	Sep 12, 2017	9760866
1414	US	Systems and Methods to Provide Server Side Profile Information	Dennis Quintela, Frank Cort	Sep 8, 2017	15699197		

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1415	US	COLLECTING AND PRESENTING DATA INCLUDING LINKS FROM COMMUNICATIONS SENT TO OR FROM A USER	Josh Jacobson, Frank Cort, Brian Kobashikawa, Gregory Garland Thatcher, Robin Andrew Radez	Nov 11, 2010	12944650	Dec 6, 2016	9514466
1416	US	Collecting And Presenting Data Including Links From Communications Sent To Or From A User	Josh Jacobson, Frank Cort, Brian Kobashikawa, Gregory Garland Thatcher, Robin Andrew Radez	Dec 5, 2016	15368886	Sep 8, 2020	10768787
1417	US	Presenting a New User Screen in Response to Detection of a User Motion	Michael Holzer, Jeffrey Bonforte	May 26, 2011	13117015	Mar 17, 2015	8982053
1418	US	Presenting Information to a User Based on the Current State of a User Device	Michael Holzer, Jeffrey Bonforte	May 26, 2011	13117020	Jun 17, 2014	8754848
1419	US	Providing Profile Information Using Servers	Frank Cort, Josh Jacobson	Sep 3, 2010	12875982	Apr 28, 2015	9020938
1420	US	Providing User Input Suggestions for Conflicting Data Using Rank	Frank Cort, Josh Jacobson	Sep 3, 2010	12875996	Apr 16, 2013	8423545
1421	US	Presenting Suggestions for User Input Based on Client Device Characteristics	Frank Cort, Josh Jacobson	Nov 4, 2011	13289888	Dec 12, 2017	9842144
1422	US	Providing Profile Information Using Servers	Frank Cort, Josh Jacobson	Dec 3, 2013	14095886	Dec 12, 2017	9842145
1423	US	Presenting Suggestions for User Input Based on Client Device Characteristics	Frank Cort, Josh Jacobson	Dec 6, 2017	15832809		

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1424	US	Method and System for Collecting and Presenting Historical Communication Data for a Mobile Device	Adam Michael Smith, Matthew Brezina, Jeffrey Bonforte	Jul 25, 2008	12180453	Dec 3, 2013	8600343
1425	US	Display of Communication System Usage Statistics	Adam Michael Smith, Matthew Brezina	Jul 25, 2008	12180469	Jul 25, 2017	9716764
1426	US	Application Programming Interfaces for Communication Systems	Adam Michael Smith, Matthew Brezina, Gregory Duffy	Jul 25, 2008	12180471	Sep 4, 2018	10069924
1427	US	Display of Person Based Information Including Person Notes	Adam Michael Smith, Matthew Brezina, Gabor Cselle	Jul 25, 2008	12180475	Mar 14, 2017	9596308
1428	US	Display of Attachment Based Information within a Messaging System	Adam Michael Smith, Matthew Brezina	Jul 25, 2008	12180483	Mar 29, 2016	9298783
1429	US	DISPLAY OF PROFILE INFORMATION BASED ON IMPLICIT ACTIONS	Adam Michael Smith, Matthew Brezina	Jul 25, 2008	12180489	Jun 18, 2013	8468168
1430	US	Method and System for Collecting and Presenting Historical Communication	Adam Michael Smith, Matthew Brezina	Jul 25, 2008	12180495	Mar 1, 2016	9275118
1431	US	Display of Information in Electronic Communications	Adam Michael Smith, Matthew Brezina	Jul 25, 2008	12180498	Mar 7, 2017	9591086
1432	US	METHOD AND SYSTEM FOR DISPLAY OF INFORMATION IN A COMMUNICATION SYSTEM GATHERED FROM EXTERNAL SOURCES	Adam Michael Smith, Matthew Brezina	Jul 25, 2008	12180502	Oct 1, 2013	8549412

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1433	US	Indexing and Searching Content Behind Links Presented in a	Adam Michael Smith, Matthew Brezina	Jul 25, 2008	12180503	Jun 3, 2014	8745060
1434	US	Method and System for Collecting and Presenting Historical Communication Data for a Mobile Device	Adam Michael Smith, Matthew Brezina, Jeffrey Bonforte	Nov 25, 2013	14089590	Jul 4, 2017	9699258
1435	US	Indexing and Searching Content Behind Links Presented in a	Adam Michael Smith, Matthew Brezina	Mar 25, 2014	14224446	Jun 16, 2015	9058366
1436	US	Indexing and Searching Content Behind Links Presented in a	Adam Michael Smith, Matthew Brezina	Jun 15, 2015	14739370	Apr 24, 2018	9954963
1437	US	Method and System for Collecting and Presenting Historical Communication	Adam Michael Smith, Matthew Brezina	Feb 29, 2016	15055777		
1438	US	Display of Person Based Information Including Person Notes	Adam Michael Smith, Matthew Brezina, Gabor Cselle	Mar 11, 2017	15456503	Apr 14, 2020	10623510
1439	US	Method and System for Collecting and Presenting Historical Communication Data for a Mobile Device	Matthew Brezina, Adam Michael Smith, Jeffrey Bonforte	Jul 1, 2017	15640513	Feb 4, 2020	10554769
1440	US	Display of Communication System Usage Statistics	Adam Michael Smith, Matthew Brezina	Jul 22, 2017	15657139		
1441	US	Indexing and Searching Content Behind Links Presented in a	Adam Michael Smith, Matthew Brezina	Apr 13, 2018	15953365	Jul 16, 2019	10356193

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1442	US	Application Programming Interfaces for Communication Systems	Adam Michael Smith, Matthew Brezina, Gregory Duffy	Aug 22, 2018	16108208		
1443	US	Indexing and Searching Content Behind Links Presented in a	Adam Michael Smith, Matthew Brezina	Jul 12, 2019	16509640		
1444	US	Method and System for Collecting and Presenting Historical Communication Data for a Mobile Device	Adam Michael Smith, Matthew Brezina, Jeffrey Bonforte	Jan 21, 2020	16747992		
1445	US	Presentation of Organized Personal and Public Data Using Communication	Matthew Brezina, Adam Michael Smith	Jan 5, 2009	12348870	Feb 28, 2017	9584343
1446	US	Presentation of Organized Personal and Public Data Using Communication	Adam Michael Smith, Matthew Brezina	Feb 23, 2017	15440527	Feb 5, 2019	10200321
1447	US	Presentation of Organized Personal and Public Data Using Communication	Adam Michael Smith, Matthew Brezina	Feb 4, 2019	16266429		
1448	US	Self Populating Address Book	Adam Michael Smith, Jeffrey Bonforte	Jun 2, 2010	12792698	Feb 25, 2014	8661002
1449	US	Self Populating Address Book	Adam Michael Smith, Jeffrey Bonforte	Nov 19, 2013	14084491	Mar 1, 2016	9275126
1450	US	Self Populating Address Book	Adam Michael Smith, Jeffrey Bonforte	Feb 2, 2016	15013281		
1451	US	Defining a Social Network Model Implied by Communications Data	Brian Hein, Jonathan New	Oct 12, 2011	13272160	Mar 24, 2015	8990323

173

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1452	US	Defining a Social Network Model Implied by Communications Data	Brian Hein, Jonathan New	Feb 6, 2015	14616095	Oct 24, 2017	9800679
1453	US	Locally Hosting a Social Network Using Social Data Stored on a User's Computer	Frank Cort, Brian Hein, Jonathan New	Oct 12, 2011	13272164	Aug 1, 2017	9721228
1454	US	Locally Hosting a Social Network Using Social Data Stored on a User's Computer	Frank Cort, Brian Hein, Jonathan New	Jul 27, 2017	15661478		
1455	US	Sender-Based Ranking of Person Profiles and Multi-Person Automatic	Peter Monaco	Dec 13, 2011	13324491	Mar 17, 2015	8984074
1456	US	Sender-Based Ranking of Person Profiles and Multi-Person Automatic	Peter Monaco	Nov 14, 2014	14542160	Oct 13, 2015	9159057
1457	US	Systems and Methods to Present Voice Message Information to a User of a Computing Device	Jeffrey Bonforte	Jun 20, 2012	13528693	Mar 3, 2015	8972257
1458	US	Systems and Methods to Present Voice Message Information to a User of a Computing Device	Jeffrey Bonforte	Feb 27, 2015	14634111	Jun 20, 2017	9685158
1459	US	Systems and Methods to Present Voice Message Information to a User of a Computing Device	Jeffrey Bonforte	Jun 20, 2017	15627524	Oct 2, 2018	10089986

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1460	US	Systems and Methods to Present Voice Message Information to a User of a Computing Device	Jeffrey Bonforte	Oct 1, 2018	16148042	Jul 14, 2020	10714091
1461	US	Systems and Methods to Present Voice Message Information to a User of a Computing Device	Jeffrey Bonforte	Jul 13, 2020	16927012		
1462	US	Presenting Favorite Contacts Information to a User of a Computing Device	Jeffrey Bonforte	Jun 20, 2012	13528697	Sep 18, 2018	10078819
1463	US	Presenting Favorite Contacts Information to a User of a Computing Device	Jeffrey Bonforte	Sep 17, 2018	16132740		
1464	US	Personalizing an Online Service Based on Data Collected for a User of a	Brian Hein, Mark Rubin	Jun 22, 2012	13531337	Dec 31, 2013	8620935
1465	US	Personalizing an Online Service Based on Data Collected for a User of a	Brian Hein, Mark Rubin	Nov 19, 2013	14084299	Feb 14, 2017	9569529
1466	US	Personalizing an Online Service Based on Data Collected for a User of a	Brian Hein, Mark Rubin	Nov 25, 2013	14089485	Nov 22, 2016	9501561
1467	US	Personalizing an Online Service Based on Data Collected for a User of a	Brian Hein, Mark Rubin	Nov 25, 2013	14089506	Mar 14, 2017	9594832
1468	US	Personalizing An Online Service Based On Data Collected For A User Of A	Brian Hein, Mark Rubin	Feb 7, 2017	15426343	Jun 16, 2020	10685072

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1469	US	Presenting Entity Profile Information to a User of a Computing Device	Peter Monaco	Jun 27, 2012	13534612	Aug 29, 2017	9747583
1470	US	Presenting Entity Profile Information To A User Of A Computing Device	Peter Monaco	Aug 28, 2017	15688015		
1471	US	Spam Filtering and Person Profiles	Josh Jacobson, Brian Kobashikawa, Adam Michael Smith, Gregory Garland Thatcher	Dec 13, 2011	13324979	Oct 6, 2015	9152952
1472	US	Spam Filtering and Person Profiles	Josh Jacobson, Brian Kobashikawa, Adam Michael Smith, Gregory Garland Thatcher	Oct 6, 2015	14876014	Jan 9, 2018	9866509
1473	US	Spam Filtering and Person Profiles	Josh Jacobson, Brian Kobashikawa, Adam Michael Smith, Gregory Garland Thatcher	Jan 8, 2018	15865042		
1474	US	Generating a Relationship History	Peter Monaco, Angel Steger	Dec 13, 2011	13324480	Nov 10, 2015	9183544
1475	US	Generating a Relationship History	Peter Monaco, Angel Steger	Nov 9, 2015	14936146	Dec 5, 2017	9838345
1476	US	Systems and Methods for Implementing A Mobile Application Based Online Advertising System	Wentong Li, Yi Mao	Jul 29, 2013	13953025	Aug 11, 2020	10740797
1477	US	Location Retargeting System For Online Advertising	Wentong Li, Yi Mao	Jul 25, 2013	13951091	Jan 29, 2019	10192241
1478	US	Location Retargeting System For Online Advertising	Wentong Li, Yi Mao	Jan 28, 2019	16258767	Dec 10, 2019	10504150

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1479	US	Location Retargeting System For Online Advertising	Wentong Li, Yi Mao	Dec 9, 2019	16707233		
1480	US	Keyword Recommendation	Supreeth Rao, Jianning Dong, Anurag Ojha, Matt Earls, Saurabh Dixit	Oct 1, 2013	14043807	Oct 17, 2017	9792629
1481	US	Keyword Recommendation	Supreeth Rao, Jianning Dong, Anurag Ojha, Matt Earls, Saurabh Dixit	Sep 6, 2017	15696951		
1482	US	Address Extraction from a Communication	Peter Monaco, Rick Seeger	Nov 2, 2012	13667205	Jul 3, 2018	10013672
1483	US	Address Extraction from a Communication	Peter Monaco, Rick Seeger	May 26, 2018	15990616		
1484	US	Using Observations of A Person to Determine if Data Corresponds to the Person	Peter Monaco, Rick Seeger	Mar 12, 2013	13797285		
1485	US	Classifying a Portion of User Contact Data into Local Contacts	Josh Jacobson	Dec 4, 2012	13693955	Jan 29, 2019	10192200
1486	US	Classifying a Portion of User Contact Data into Local Contacts	Josh Jacobson	Jan 4, 2019	16239632		
1487	US	System And Method For Performing Set Operations With Defined Sketch Accuracy Distribution	Lee Rhodes, Anirban Dasgupta, Kevin J Lang	Nov 12, 2013	14078301	Aug 26, 2014	8819038

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1488	US	System And Method For Performing Set Operations With Defined Sketch Accuracy Distribution	Lee Rhodes, Anirban Dasgupta, Kevin J Lang	Jul 31, 2014	14448487	May 26, 2015	9043348
1489	US	System And Method For Performing Set Operations With Defined Sketch Accuracy Distribution	Lee Rhodes, Anirban Dasgupta, Kevin J Lang	Apr 21, 2015	14692477	Oct 6, 2015	9152691
1490	US	Rendering Of On-line Content	Benoit Schillings, Richard Hawes	May 20, 2014	14282639		
1491	US	Method and System for Storytelling on a Computing Device	Doug Imbruce, Gustav Johan Rasmus Knutsson, Gregory Pape	Dec 19, 2013	14134648	Jan 28, 2020	10546010
1492	US	Method and System for Storytelling on a Computing Device Via Multiple Sources	Gregory Pape, Doug Imbruce, Gustav Johan Rasmus Knutsson	Dec 19, 2013	14134823	Jun 25, 2019	10331724
1493	US	Method and System for Storytelling on a Computing Device Via Social Media	Doug Imbruce, Gustav Johan Rasmus Knutsson, Gregory Pape	Dec 19, 2013	14134976	Aug 27, 2019	10394877
1494	US	Method and System for Storytelling on a Computing Device Via Social Media	Doug Imbruce, Gustav Johan Rasmus Knutsson, Gregory Pape	Aug 26, 2019	16550394		
1495	US	Systems and Methods Involving Integration/Creation of Search Results Media Modules	Doug Imbruce, Owen Bossola, Gustav Johan Rasmus Knutsson, Hakim El Hattab, Tommy Chheng	Jun 12, 2013	13916562	Sep 17, 2019	10417289

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1496	US	Method and System for Storytelling on a Computing Device Via a Mixed-Media Module Engine	Doug Imbruce, Gregory Pape, Gustav Johan Rasmus Knutsson	Dec 19, 2013	14135235	Feb 18, 2020	10565245
1497	US	Method and System for Storytelling on a Computing Device Via a User Editing	Gregory Pape, Doug Imbruce, Gustav Johan Rasmus Knutsson	Dec 19, 2013	14135146	Jul 16, 2019	10353942
1498	US	Deep Linking to Mobile Applications	Sanchan Saxena, Daryl M Low, Gaurav Vaish	Dec 2, 2013	14093905	Oct 31, 2017	9806942
1499	US	On-Line Product-Related Recommendations	Jia Li, Jen-Hao Hsiao	Jul 7, 2014	14325192		
1500	US	Behavioral Retargeting System and Method for Cookie-Disabled Devices	Wentong Li, Yi Mao	Nov 19, 2013	14084324	Nov 19, 2019	10482495
1501	US	Behavioral Retargeting System and Method for Cookie-Disabled Devices	Wentong Li, Yi Mao	Nov 18, 2019	16686587		
1502	US	System and Method for Facilitating Email Message Reply	Stephane Karoubi, Ashish Sharma	Dec 17, 2013	14109750	Apr 4, 2017	9614801
1503	US	Spark Satellite Clusters to Hadoop Data Stores	Ram Sriharsha, Timothy Tully, Supreeth Rao, Reynold Xin	Aug 27, 2014	14470704		
1504	US	Mobile Device Image Acquisition Using Objects Of Interest Recognition	Jia Li, Haojian Jin	Sep 29, 2014	14500911	Jan 24, 2017	9554030
1505	US	Interaction With Multiple Connected Devices	Karolina Buchner, Roman Lissermann, Lars Erik Holmquist	Jul 22, 2014	14338328	May 29, 2018	9986296

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1506	US	Live Previews For Multitasking And State	Vince Magistrado, Utkarsh Shrivastava	Feb 10, 2014	14176486	Dec 27, 2016	9529783
1507	US	System and Method for Driving-Aware Notification	Jean-Baptiste Queru	Dec 9, 2014	14564639	Jun 20, 2017	9686400
1508	US	Gestures For Sharing Content Between Multiple Devices	Lars Erik Holmquist, Karolina Buchner, Roger Urrabazo, Roman Lissermann	Jun 24, 2014	14313035	Aug 8, 2017	9729591
1509	US	Any-Image Labeling Engine	Pierre Garrigues, Charles Cadieu, Benjamin Jackson Culpepper, Killian Koepsell, Huy X Nguyen, Andrew Stadlen, Gerald Pesavento, David Warland	Jan 28, 2011	13016776	May 19, 2015	9037600
1510	US	MONITORING AN ANY-IMAGE LABELING ENGINE	Pierre Garrigues, Charles Cadieu, Benjamin Jackson Culpepper, Killian Koepsell, Huy X Nguyen, Andrew Stadlen, Gerald Pesavento, David Warland	Jan 28, 2011	13016779	Dec 22, 2015	9218364
1511	US	LINK DETERMINATION AND USAGE USING IMAGE RECOGNITION	Andrew Stadlen, Gerald Pesavento, Pierre Garrigues, Huy X Nguyen, Benjamin Jackson Culpepper, David Warland	Jul 31, 2012	13563637	Feb 23, 2016	9268464

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1512	US	Cascaded Multi-tier Visual Search System	Pierre Garrigues, Benjamin Jackson Culpepper, Huy X Nguyen, Charles Cadieu, Andrew Stadlen, Gerald Pesavento, David Warland	Apr 16, 2012	13448049	Mar 26, 2019	10242099
1513	US	Cascaded Multi-tier Visual Search System	Pierre Garrigues, Benjamin Jackson Culpepper, Huy X Nguyen, Charles Cadieu, Andrew Stadlen, Gerald Pesavento, David Warland	Mar 4, 2019	16291258		
1514	US	Automatic Image Piling	Benjamin Jackson Culpepper, Pierre Garrigues, Allison Janoch, Huy X Nguyen	Mar 11, 2013	13793890	Jan 10, 2017	9542619
1515	US	Automatic Image Piling	Benjamin Jackson Culpepper, Pierre Garrigues, Allison Janoch, Huy X Nguyen	Dec 13, 2016	15377877	Feb 25, 2020	10572769
1516	US	Real Time Object Scanning Using A Mobile Phone and Cloud-based Visual Search Engine	Yu Zhong, Pierre Garrigues, Benjamin Jackson Culpepper	Feb 15, 2013	13768051	Apr 25, 2017	9633272
1517	US	Photo and video search	Gerald Pesavento, Huy X Nguyen	May 29, 2014	14290214	Aug 8, 2017	9727565

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1518	US	Photo and video sharing	Gerald Pesavento, Andrew Stadlen	May 29, 2014	14290223	Jan 23, 2018	9875512
1519	US	System and Method for Email Pre-Delivery	Varun Bhagwan	Jun 2, 2014	14293442	Aug 9, 2016	9413698
1520	US	Automated Summary and Action Generation for	Varun Bhagwan, Kaushal Kurapati	Feb 18, 2014	14182566		
1521	US	Categorizing hash tags	Michael Wexler, Brian Webb	Feb 3, 2014	14170952	Jul 5, 2016	9384259
1522	US	Categorizing hash tags	Michael Wexler, Brian Webb	Jun 30, 2016	15199420	Dec 5, 2017	9836525
1523	US	Personalized Criteria-Based Media Organization	Jia Li, Joseph Kaye	Mar 17, 2014	14215279		
1524	US	System and Method for Recommending Pleasant Routes from the Sentiment of Geo-Tagged Photographs	Luca Maria Aiello, Daniele Quercia, Rossano Schifanella	May 7, 2014	14271960	Aug 9, 2016	9410816
1525	US	System and Method for Recommending Pleasant Routes from the Sentiment of Geo-Tagged Photographs	Luca Maria Aiello, Daniele Quercia, Rossano Schifanella	Aug 8, 2016	15231724	Apr 10, 2018	9939277
1526	US	System and Method for Recommending Pleasant Routes from the Sentiment of Geo-Tagged Photographs	Luca Maria Aiello, Daniele Quercia, Rossano Schifanella	Apr 9, 2018	15948021		
1527	US	Visual Recognition Using Social Links	Jia Li, Xiangnan Kong	Mar 17, 2014	14215925	Jul 18, 2017	9710447
1528	US	Visual Recognition Using Social Links	Jia Li, Xiangnan Kong	Jul 17, 2017	15651822	Feb 12, 2019	10204090
1529	US	Method and System for Invariant Pattern	Robert Jaros, Simon Osindero	Dec 7, 2010	12962632	Jun 7, 2016	9361586

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1530	US	Dynamic Content Mapping	Robert Jaros, Eric Willis, Clayton Mellina, Anastasia Svetlichnaya, Simon Osindero	Nov 29, 2013	14093408	Jul 18, 2017	9710433
1531	US	Dynamic Content Mapping	Simon Osindero, Robert Jaros, Eric Willis, Clayton Mellina, Anastasia Svetlichnaya	Jun 22, 2017	15630464	Jan 21, 2020	10540423
1532	US	Content Navigation Based Upon Motion	Benoit Schillings, Jean-Baptiste Queru, Jonathan Paris, Roberto Ortiz	May 14, 2015	14712157	Jun 4, 2019	10310726
1533	US	Systems and Methods for Delivering Task-Oriented Content	Shin-Yi Huang, Nicholas D Aloisio-Montilla, Agnes Liu, Maria Zhang	Jan 3, 2014	14147078	May 15, 2018	9971756
1534	US	Systems and Methods for Content Processing	Qichu Lu, Nicholas D Aloisio-Montilla, Renhui Zhang, Shin-Yi Huang	Jan 3, 2014	14147010	Apr 10, 2018	9940099
1535	US	Display Screen With Transitional Graphical User Interface For A Content Digest	Agnes Liu, Renhui Zhang, Nicholas D Aloisio-Montilla, Shin-Yi Huang	Jan 3, 2014	29478368	Dec 27, 2016	D775183
1536	US	Animated Graphical User Interface for a Display Screen or Portion Thereof	Agnes Liu, Renhui Zhang, Nicholas D Aloisio-Montilla, Shin-Yi Huang	Jan 3, 2014	29478380	Jul 5, 2016	D760791
1537	US	Animated Graphical User Interface for a Display Screen or Portion Thereof	Agnes Liu, Nicholas D Aloisio-Montilla, Renhui Zhang, Shin-Yi Huang	Jan 3, 2014	29478382	Jul 5, 2016	D760792

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1538	US	Display Screen with Transitional Graphical User Interface for a Content Digest	Agnes Liu, Renhui Zhang, Nicholas D Aloisio-Montilla, Shin-Yi Huang	Nov 29, 2016	29585790	Nov 19, 2019	D867390
1539	US	Systems and Methods for Content Processing	Nicholas D Aloisio-Montilla, Renhui Zhang, Qichu Lu	Jun 30, 2014	14319978	Oct 11, 2016	9465849
1540	US	Systems and Methods for Content Processing	Nicholas D Aloisio-Montilla, Renhui Zhang, Qichu Lu	Oct 10, 2016	15289323		
1541	US	Systems and Methods for Quote Extraction	Nicholas D Aloisio-Montilla, Renhui Zhang, Qichu Lu	Jan 3, 2014	14147001	Jan 31, 2017	9558180
1542	US	Systems and Methods for Quote Extraction	Nicholas D Aloisio-Montilla, Renhui Zhang, Qichu Lu	Jan 26, 2017	15415977	Mar 26, 2019	10242095
1543	US	User Interface for Displaying and Monitoring User Interaction with Synthesized	Nicholas D Aloisio-Montilla, Renhui Zhang, Qichu Lu	Mar 22, 2019	16361578		
1544	US	Systems and Methods for Content Delivery	Maximillion Zhaohong Mai, Praveenkumar Venkatesan, Nicholas D Aloisio-Montilla, Renhui Zhang	Jan 3, 2014	14146986	Aug 22, 2017	9742836
1545	US	Web Application Theme Preview Based On Live	Vince Magistrado	Feb 5, 2014	14173803	Jun 7, 2016	9361280
1546	US	Content Recommendations	Vidit Jain, Abhranil Chatterjee	May 22, 2014	14284647	May 1, 2018	9959364
1547	US	Content Recommendations	Vidit Jain, Abhranil Chatterjee	Apr 30, 2018	15966425		

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1548	US	Automatically Generated Comparison Polls	Oleg Rokhlenko, Idan Szpektor	Aug 1, 2014	14449390	Jun 20, 2017	9684908
1549	US	Method and System for Determining user Interests Based on a Correspondence Graph	Hao Zheng	Dec 17, 2014	14435789	Feb 11, 2020	10558706
1550	US	Method and System for Providing a Personalized	Hao Zheng	Jul 8, 2014	14399696	Apr 14, 2020	10621220
1551	US	System and Method for Providing Users Feedback Regarding Their Reading Habits	Christopher Chan, Tony Hairr, Shatakshi Goyal, Clarence Leung, Katrina Tempero, Shivakumar Ningappa	Apr 17, 2014	14255576	Jul 24, 2018	10033775
1552	US	System and Method for Providing Users Feedback Regarding Their Reading Habits	Christopher Chan, Tony Hairr, Shatakshi Goyal, Clarence Leung, Katrina Tempero, Shivakumar Ningappa	Jul 17, 2018	16037015	Jul 21, 2020	10721292
1553	US	System and Method for Providing Users Feedback Regarding Their Reading Habits	Christopher Chan, Tony Hairr, Shatakshi Goyal, Clarence Leung, Katrina Tempero, Shivakumar Ningappa	Jul 16, 2020	16930389		
1554	US	System and Method of Spherical Image	Jean-Baptiste Queru	Jul 17, 2014	14334308	Feb 9, 2016	9258566
1555	US	Method and System of Generating and Using a Geographical Hierarchy	David Shamma, Mohamed Kafsi, Henriette Cramer	Jul 29, 2014	14445724	Sep 10, 2019	10409857

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1556	US	Method and System for using natural language techniques to process inputs	Nicholas Louis Cassimatis, Richard Noel Caneba, Jonathan Scally	Jul 24, 2013	13949886	Aug 26, 2014	8818795
1557	US	Computerized System And Method For Authoring, Editing, And Delivering An Interactive Social Media	Hans T Ku, Edwin R Leonard, David M Koenig, Gene Z Ragan	Mar 15, 2013	13838801	Apr 9, 2019	10255227
1558	US	Interactive Mobile Video Viewing Experience	Hans T Ku, Edwin R Leonard, David M Koenig, Gene Z Ragan	Apr 22, 2013	13868005	Sep 25, 2018	10083151
1559	US	SYSTEM AND METHOD FOR AUTHORING INTERACTIVE MEDIA ASSETS	Hans T Ku, Edwin R Leonard, David M Koenig, David Moore	Apr 22, 2013	13867990	Jan 29, 2019	10191624
1560	US	Model Traversing Based Compressed Serialization of User Interaction Data and Communication from a Client-side Application	Timothy Tully	Jan 31, 2014	14170377	Oct 3, 2017	9779069
1561	US	Dynamic streaming content provided by server and client-side tracking	Timothy Tully	Jan 31, 2014	14170393	May 1, 2018	9959255
1562	US	Throttled Scanning for Optimized Compression of Network Communicated	Timothy Tully	Jan 31, 2014	14170402	Jun 13, 2017	9680897
1563	US	Tracking User Interaction With A Stream of Content	Timothy Tully, Andrew Beal	Sep 29, 2014	14499971	Jul 2, 2019	10339572
1564	US	Dynamic streaming content provided by server and client-side tracking	Timothy Tully	Apr 30, 2018	15966457	Sep 8, 2020	10769353

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1565	US	Tracking User Interaction With A Stream of Content	Timothy Tully, Andrew Beal	Jul 1, 2019	16459338		
1566	US	System and Method for Programmatically Creating Resource Locators	Gaurav Vaish, Daryl M Low, Sanchan Saxena	Dec 30, 2014	14586032	Oct 10, 2017	9785721
1567	US	Systems and Methods for Image Processing	Agnes Liu	Jan 6, 2014	14148569	Jul 31, 2018	10037318
1568	US	SYSTEM AND METHOD FOR PROVIDING USERS FEEDBACK REGARDING THEIR READING HABITS	Agnes Liu	Jul 26, 2018	16046236		
1569	US	System and Method for Privacy-Aware Information Extraction and Validation	Varun Bhagwan, Patrick Mason, Ashutosh Singh, Jaikit Savla, Rahul Teotia, Ramachandran Natarajan Iyer	Dec 23, 2014	14581647	Oct 11, 2016	9465956
1570	US	System and Method for Privacy-Aware Information Extraction and Validation	Varun Bhagwan, Patrick Mason, Ashutosh Singh, Jaikit Savla, Rahul Teotia, Ramachandran Natarajan Iyer	Oct 10, 2016	15289396	Sep 18, 2018	10078761
1571	US	System and Method for Privacy-Aware Information Extraction and Validation	Varun Bhagwan, Patrick Mason, Ashutosh Singh, Jaikit Savla, Rahul Teotia, Ramachandran Natarajan Iyer	Sep 13, 2018	16129890	Mar 24, 2020	10599871
1572	US	Enhanced Personalization in Multi-User Devices	Eshcar Hillel, Michal Aharon, Nadav Golbandi	Jul 30, 2014	14446495	Apr 3, 2018	9934466

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1573	US	Enhanced Personalization in Multi-User Devices	Eshcar Hillel, Michal Aharon, Nadav Golbandi	Mar 30, 2018	15941813		
1574	US	Systems and Methods for Providing Context-Based User Interface	Paul Montoy-Wilson, Mark Daiss, William Choi, Prasanna Vasudevan, Jeffrey Chern, Bernat Fortet Unanue	Oct 13, 2014	14513079		
1575	US	CONTINUING AN APPLICATION SESSION ON A DIFFERENT DEVICE	Richard Allinson	Dec 16, 2014	14572215	Mar 6, 2018	9912758
1576	US	Continuing an Application Session on a Different	Richard Allinson	Jan 24, 2018	15878670	Oct 29, 2019	10462231
1577	US	User Identification On A Per Touch Basis On Touch Sensitive Devices	Christian Holz, Cheng Xu	Jun 12, 2014	14303493	Jul 19, 2016	9396378
1578	US	User Identification Through an External Device on a Per Touch Basis on Touch Sensitive Devices	Christian Holz	Sep 10, 2015	14850377		
1579	US	User Identification On A Per Touch Basis On Touch Sensitive Devices	Christian Holz, Cheng Xu	Jun 28, 2016	15195738		
1580	US	Method and System for Analyzing a User Agent	Ling Zhu, Min He, Fei Yu, Minzhang Wei	Nov 25, 2014	14411136		

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1581	US	Services access for mobile devices	Joshua Schwarzapel, Dylan Casey, Atte Lahtiranta, Jonathan Hryn, Lovlesh Chhabra, Daniel Hopkins	Aug 7, 2014	14454713	Jan 10, 2017	9544771
1582	US	Services Access for Mobile Devices	Lovlesh Chhabra, Joshua Schwarzapel, Dylan Casey, Atte Lahtiranta, Jonathan Hryn, Daniel Hopkins	Dec 1, 2016	15366984	Jan 9, 2018	9867046
1583	US	Smart Link System and	Jesse Chor	Feb 28, 2011	13036950	Apr 30, 2013	8433800
1584	US	Smartlink System and	Jesse Chor	Apr 2, 2013	13855641	Jan 13, 2015	8935400
1585	US	Smartlink System and	Jesse Chor	Jan 12, 2016	14993458		
1586	US	REMOTE APPLICATION INVOCATION SYSTEM AND METHOD	Jesse Chor	Aug 9, 2010	12852730	May 7, 2013	8438245
1587	US	URI SERVICE SYSTEM AND METHOD	Jesse Chor	Oct 20, 2010	12908547	Nov 12, 2013	8583795
1588	US	Remote Application Invocation System And	Jesse Chor	Apr 2, 2013	13855649	Nov 24, 2015	9197692
1589	US	URI SERVICE SYSTEM AND METHOD	Jesse Chor	Jul 16, 2013	13943311	Jun 23, 2015	9065797
1590	US	Conversion Tracking And Context Preserving Systems And Methods	Jesse Chor	Aug 13, 2013	13966118	Jun 7, 2016	9363337
1591	US	URI Service System and	Jesse Chor	Apr 24, 2015	14695444	Aug 9, 2016	9413715
1592	US	Conversion Tracking And Context Preserving Systems And Methods	Jesse Chor	Mar 31, 2016	15087593	Jan 9, 2018	9864593

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1593	US	Conversion Tracking And Context Preserving Systems And Methods	Jesse Chor	Dec 21, 2017	15850764	Dec 25, 2018	10162621
1594	US	SHORT URI PAYLOAD-STATUS SYSTEMS AND	Jesse Chor	Oct 20, 2010	12908595	Aug 13, 2013	8510368
1595	US	Computerized system and method for creating a resource url for rendering the resource in a resource	Jesse Chor	Jan 21, 2014	14160370	Apr 19, 2016	9317272
1596	US	Computerized system and method for creating a resource url for rendering the resource in a resource	Jesse Chor	Jan 27, 2016	15007890	Aug 14, 2018	10051086
1597	US	Using Exogenous Sources for Personalization of Website Services	Xiao Bai, Berkant Barla Cambazoglu, Francesco Gullo, Amin Mantrach, Fabrizio Silvestri	Oct 1, 2014	14504386	Oct 17, 2017	9792372
1598	US	Device Interfacing	Sarah Foster	May 5, 2015	14704405	May 15, 2018	9971714
1599	US	Device Interfacing	Sarah Foster	May 14, 2018	15978612	Oct 20, 2020	10810148
1600	US	System and Method for Summarizing a Multimedia Content Item	Inderjeet Mani	Mar 25, 2014	14224511	May 7, 2019	10282469
1601	US	System and Method for Summarizing a Multimedia Content Item	Inderjeet Mani	Apr 30, 2019	16398828		
1602	US	Methods and Systems for Ranking Items on a Presentation Area Based on	Asad Sheth, Ferras Hamad	Mar 6, 2014	14199729	Dec 27, 2016	9529858

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1603	US	System and Method for Self-Destructing Messages	Robert Sharp, Varun Bhagwan, Jeffrey Bonforte, Gowri Kanugovi	Dec 8, 2014	14563922		
1604	US	Method and System for Cold-Start Item Recommendation	Oren Shlomo Somekh, Shahar Golan, Nadav Golbandi, Zohar Karnin, Oleg Rokhlenko, Oren Anava, Ronny Lempel	Oct 21, 2014	14519273	Jun 30, 2020	10699198
1605	US	Systems and Methods for Suggesting Headlines	Amin Mantrach, Alejandro Jaimes	Aug 8, 2014	14455045	Jan 30, 2018	9881059
1606	US	Taxonomy-Based System for Discovering and Annotating Geofences from Geo-Referenced Data	Daniele Quercia, Francesco Bonchi, Carmen Vaca	Oct 24, 2014	14523709	Jul 30, 2019	10366134
1607	US	Taxonomy-Based System for Discovering and Annotating Geofences from Geo-Referenced Data	Daniele Quercia, Francesco Bonchi, Carmen Vaca	Jul 29, 2019	16524584		
1608	US	Systems and Methods for Delivering Task-Oriented Content Using a Desktop Widget	Shih Ping (Mimmie) Huang, Nicholas D Aloisio-Montilla, Min Seung Song, Agnes Liu	Apr 3, 2014	14244825	Dec 10, 2019	10503357
1609	US	METHOD AND SYSTEM FOR PROVIDING A USER AGENT STRING DATABASE	Ling Zhu, Fei Yu, Min He, Minzhang Wei	Nov 25, 2014	14410702	Jul 17, 2018	10025847
1610	US	METHOD AND SYSTEM FOR PROVIDING A USER AGENT STRING DATABASE	Ling Zhu, Fei Yu, Min He, Minzhang Wei	Jun 13, 2018	16007029		

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1611	US	Estimating Times To Leave And To Travel	Scott San Filippo, Arshad Tayyeb, Spencer Murray, Jason LeBrun, Kevin Cheng	Mar 12, 2014	14207326	Jun 28, 2016	9377319
1612	US	Using Historical Location Data To Improve Estimates Of Location	Scott San Filippo, Arshad Tayyeb, Spencer Murray, Jason LeBrun, Kevin Cheng	Mar 12, 2014	14207329		
1613	US	Route Detection In A Trip-Oriented Message Data Communications System	Jesper Andersen	Dec 23, 2014	14580482	Nov 8, 2016	9488487
1614	US	Cross-Device Integration System and Method	Supreeth Rao, Sudharsan Vasudevan, Seema Kamath, Swapnil Patel, Utkarsh Shrivastava, Varun Bhagwan, Kaushal Kurapati, Patrick Mason	Aug 14, 2014	14460016	Mar 26, 2019	10243891
1615	US	Automated Presentation of Information Using Infographics	Todd Silverstein, D. Eli Tucker, Jeff Cutler-Stamm	Jan 27, 2020	16752914		
1616	US	Automated Presentation of Information Using Infographics	Todd Silverstein, D. Eli Tucker, Jeff Cutler-Stamm, Lyle (Patrick) Stein, David Sklar, Jason Blackheart, Ryan Massad	Feb 19, 2013	13770525	Nov 3, 2015	9176966
1617	US	Automated Presentation of Information Using Infographics	Todd Silverstein, D. Eli Tucker, Jeff Cutler-Stamm	Jul 9, 2012	14131650	Mar 20, 2018	9922096

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1618	US	Automated Presentation of Information Using Infographics	Todd Silverstein, D. Eli Tucker, Jeff Cutler-Stamm, Lyle (Patrick) Stein, David Sklar, Jason Blackheart, Ryan Massad	Nov 2, 2015	14930027	Feb 25, 2020	10572498
1619	US	Automated Presentation of Information Using Infographics	Todd Silverstein, D. Eli Tucker, Jeff Cutler-Stamm	Mar 9, 2018	15917058	Jan 28, 2020	10545976
1620	US	Automated Presentation of Information Using Infographics	Todd Silverstein, D. Eli Tucker, Jeff Cutler-Stamm	Feb 24, 2020	16798758		
1621	US	Systems and Methods For Providing Recommendations and Explanations	Nicola Barbieri, Francesco Bonchi, Giuseppe Manco	Jul 28, 2014	14444477	Feb 26, 2019	10218800
1622	US	Systems and Methods For Providing Recommendations and Explanations	Nicola Barbieri, Francesco Bonchi, Giuseppe Manco	Feb 25, 2019	16284294		
1623	US	Targeted crash fixing on a Client Device	Andreas Rossbacher, Brian Coe, Jon Herron, Alex Hanuska	Nov 4, 2014	14532450	Feb 5, 2019	10198304
1624	US	Targeted Crash Fixing on a Client Device	Andreas Rossbacher, Brian Coe, Jon Herron, Alex Hanuska	Feb 4, 2019	16266412		
1625	US	System and Method for Auto-Formatting Messages Based on Learned Message	Aravind Kalavagattu, Sudharsan Vasudevan	Sep 24, 2014	14495064		

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1626	US	Entity Sponsorship Within a Modular Search Object Framework	Tingyi Wu, Sophia Perl, Enrique Munoz Torres, Andrew Poon, Conrad Wai	May 15, 2014	14277964	Apr 21, 2020	10628848
1627	US	Mobile application pre-fetching using a state	Daryl M Low, Brian Tunning	Oct 16, 2014	14516401	Aug 16, 2016	9417773
1628	US	Gesture Input For Item Selection	Agnes Liu, Albert Song, Guilherme Neumann	Apr 8, 2014	14247690	Jul 17, 2018	10025461
1629	US	Personalized Search Filter and Notification System	Suju Rajan, Amit Phadke, Preetam Joshi, Vishesh Joshi, Victor Laguna, Chris Lam	Sep 30, 2014	14501342	Dec 10, 2019	10503793
1630	US	Personalized Search Filter and Notification System	Suju Rajan, Amit Phadke, Preetam Joshi, Vishesh Joshi, Victor Laguna, Chris Lam	Dec 9, 2019	16707020		
1631	US	Method and System for Measuring User Engagement with Content Items	Alyssa Owara, Xing Yi	May 6, 2014	14270917	Sep 29, 2020	10789304
1632	US	Method and System for Measuring User Engagement With Content Items	Alyssa Owara, Xing Yi	May 6, 2014	14270950	Feb 4, 2020	10552291
1633	US	Method and System for Measuring User Engagement With Content Items	Alyssa Owara, Xing Yi	Dec 11, 2019	16710179		
1634	US	Method and System for Evaluating User Satisfaction with Respect to a User	Alyssa Owara, Scott Gaffney, Xing Yi	May 6, 2014	14270862	Mar 24, 2020	10599659

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1635	US	Display Screen Or Portion Thereof With A Graphical User Interface	Scott Andress, Carrie Barkema, Rafael Coelho, Guy Hepworth, Andrew Poon, Arnab Bhattacharjee	Apr 30, 2014	29489531	Dec 6, 2016	D773497
1636	US	Display Screen with Graphical User Interface for Displaying Search Results as a Stack of Overlapping, Actionable Cards	Scott Andress, Rafael Coelho, Carrie Barkema, Guilherme Chapiewski, Guy Hepworth	Apr 30, 2014	29489536	Jan 10, 2017	D776140
1637	US	Display Screen with Graphical User Interface for Displaying Search Results as a Stack of Overlapping, Actionable Cards	Scott Andress, Rafael Coelho, Carrie Barkema, Guilherme Chapiewski, Guy Hepworth	Aug 31, 2016	29576156	Jan 29, 2019	D839288
1638	US	Display Screen with Graphical User Interface for Displaying Search Results as a Stack of Overlapping, Actionable Cards	Scott Andress, Rafael Coelho, Carrie Barkema, Guilherme Chapiewski, Guy Hepworth	Jan 28, 2019	29678266		
1639	US	Content Object Layering for User Interfaces	Sophia Perl, Conrad Wai, Andrew Poon	Oct 30, 2017	15797279		
1640	US	Display Screen Or Portion Thereof With A Graphical User Interface	Scott Andress, Carrie Barkema, Rafael Coelho, Vanessa Grass, Alicia Korn, Guilherme Chapiewski, Andrew Poon, Conrad Wai, Arnab Bhattacharjee	Apr 30, 2014	29489540	Dec 6, 2016	D773498

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1641	US	System and method for email message following from a user's inbox	Sudharsan Vasudevan, Janarthanam Ramalingam	Sep 22, 2014	14492708	Feb 13, 2018	9894025
1642	US	System and method for email message following from a user's inbox	Sudharsan Vasudevan, Janarthanam Ramalingam	Jan 24, 2018	15878593	Feb 19, 2019	10212117
1643	US	SYSTEM AND METHOD FOR EMAIL MESSAGE FOLLOWING FROM A USER'S INBOX	Janarthanam Ramalingam, Sudharsan Vasudevan	Feb 11, 2019	16271942	Feb 18, 2020	10567325
1644	US	Method and System for Online User Profiling	Xin Fan, Liang Wang, Hao Zheng	Feb 11, 2015	14436640		
1645	US	Method and System for Automatic Generation of Personalized Applications	Frank Bentley, Kent Lyons, Christian Holz	Jun 30, 2014	14319789	Aug 20, 2019	10387519
1646	US	Method and System for Providing Interaction Driven Electronic Social Experience	Junwei Jiang, Wei Li	Dec 8, 2014	14436166		
1647	US	Content Selection	Steven (Sol) Lipman, David Robinson, Kevin Cheng, Jeffrey Bonforte	Dec 19, 2014	14578268	Apr 9, 2019	10257133
1648	US	Content Selection	Steven (Sol) Lipman, David Robinson, Kevin Cheng, Jeffrey Bonforte	Apr 8, 2019	16377426		
1649	US	Message Classification	Zohar Karnin, David Pal, Satyen Kale, Yongxin Xi, Yuval Peduel, Gareth Shue, Ilambharathi Kanniah	Dec 1, 2016	15366443	Mar 17, 2020	10594640

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1650	US	SYSTEM AND METHOD FOR IMPROVED SERVER PERFORMANCE BASED ON A USER'S MESSAGING	Robert Sharp, Varun Bhagwan	Dec 18, 2014	14575683		
1651	US	Method and System for Enhanced Content Recommendation	Chunming Wang, Jian Xu, Liang Wang, Yu Zou, Hao Zheng	Dec 30, 2014	14586202	Jun 2, 2020	10671679
1652	US	System and Method for Photo Scene Searching	Jen-Hao Hsiao	Mar 20, 2015	14664011	Dec 18, 2018	10157192
1653	US	System and Method for Photo Scene Searching	Jen-Hao Hsiao	Dec 17, 2018	16222241		
1654	US	Aiding Composition of Themed Articles about Popular and Novel Topics and Offering Users A Navigable Experience of	Eric Bax, Arun Autuchirayll, John Peng	Jul 14, 2014	14330627		
1655	US	E-Commerce Recommendation System	Jen-Hao Hsiao, Nan Liu, Jia Li	Oct 20, 2014	14518431	Mar 5, 2019	10223727
1656	US	System and Method for Entity Detection in Machine Generated Messages	Robert Sharp, Varun Bhagwan, Yoelle Maarek	Oct 27, 2014	14524460	Jul 9, 2019	10348667
1657	US	System and method for generating and applying message templates based on machine generated	Robert Sharp, Varun Bhagwan, Yoelle Maarek	May 21, 2019	16417971	Sep 1, 2020	10764223
1658	US	System and Method for Entity Detection in Machine Generated Messages	Robert Sharp, Varun Bhagwan, Yoelle Maarek	Jul 30, 2020	16942865		

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1659	US	System and Method for Large-Scale Multi-Label Learning Using Incomplete Label Assignments	Jia Li, Yi Chang, Xiangnan Kong	Nov 17, 2014	14543133	Jun 18, 2019	10325220
1660	US	System and Method for Large-Scale Multi-Label Learning Using Incomplete Label Assignments	Jia Li, Yi Chang, Xiangnan Kong	Jun 13, 2019	16439855		
1661	US	Inductive Matrix Completion and Graph Proximity for Content Item	Suleyman Cetintas, Kuang-chih Lee	Apr 9, 2015	14682603	Dec 24, 2019	10515127
1662	US	Inductive Matrix Completion and Graph Proximity for Content Item	Suleyman Cetintas, Kuang-chih Lee	Dec 23, 2019	16724949		
1663	US	Realtime Media Distribution in a P2P Network	Omer Luzzatti, Ofer Shem Tov, Oleg Levy, Maxim Levy	Mar 27, 2007	12294836	May 17, 2011	7945694
1664	US	Realtime Media Distribution in a P2P Network	Omer Luzzatti, Ofer Shem Tov, Oleg Levy, Maxim Levy	Mar 1, 2011	13038143	Jan 10, 2012	8095682
1665	US	Method for Buffer Management for Video Swarms in a Peer-to-Peer Network	Omer Luzzatti, Jonathan Zion Mozes, Jonathan Stern, Tal Fromchenko	May 27, 2009	12473006	Nov 1, 2011	8051194
1666	US	Controlling the Provision of Resources for Streaming of Video Swarms in a Peer-to-Peer Network	Omer Luzzatti, Lev Korostyshevsky	Mar 31, 2010	12751306	Dec 4, 2012	8326992

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1667	US	Method for dynamically adjusting resource nodes in a peer-to-peer network for delivering time-sensitive content	Omer Luzzatti, Eran Weiss, Shimon Kogan, Jonathan Zion Mozes, Jonathan Stern	Aug 30, 2010	12871615	Feb 12, 2013	8375129
1668	US	Method for Actively Sharing Available Bandwidth to Consumer Nodes in a Peer-to-Peer Network for Delivery of Video Streams	Omer Luzzatti, Eran Weiss, Shimon Kogan, Jonathan Zion Mozes, Jonathan Stern	Jul 27, 2011	13192209		
1669	US	Method for Buffer Management for Video Swarms in a Peer-to-Peer	Omer Luzzatti, Jonathan Zion Mozes, Jonathan Stern, Tal Fromchenko	Oct 24, 2011	13279389	Jan 15, 2013	8356111
1670	US	Method for managing the allocation of resources to channel swarms in a peer-to-peer network	Omer Luzzatti, Lev Korostyshevsky, Haggai Scolnicov	May 15, 2008	12120652	Nov 16, 2010	7836184
1671	US	Method for Managing the Allocation of Resources to Channel Swarms in a Peer-to-Peer Network	Omer Luzzatti, Lev Korostyshevsky, Haggai Scolnicov	Oct 27, 2010	12913402	Jan 1, 2013	8346936
1672	US	Dynamic Allocation of a Quota of Consumer Nodes Connecting to a Resource Node of a Peer-to-Peer	Eran Weiss, Omer Luzzatti	Oct 2, 2008	12244756	Aug 9, 2011	7996546
1673	US	Adaptive Data Rate Streaming in a Peer-to-Peer Network Delivering Video	Eran Weiss, Omer Luzzatti	Jun 23, 2011	13167384	Feb 11, 2014	8650301

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1674	US	Dynamic Allocation of a Quota of Consumer Nodes Connecting to a Resource Node of a Peer-to-Peer	Eran Weiss, Omer Luzzatti	Jun 23, 2011	13167371	Jan 1, 2019	10171575
1675	US	Dynamic Allocation of a Quota of Consumer Nodes Connecting to a Resource Node of a Peer-to-Peer	Eran Weiss, Omer Luzzatti	Nov 28, 2018	16202479		
1676	US	System and method for real-time transfer of video content to a distribution node of a P2P network over an internet protocol	Omer Luzzatti, Eran Weiss, Shimon Kogan	Aug 30, 2010	12871586	Feb 4, 2014	8645561
1677	US	System and Method for Traffic Quality Based Pricing via Deep Neural Language Models	Suleyman Cetintas, Pengyuan Wang, Puneet Mohan Sangal, Jian Yang	Mar 8, 2016	15064310	Jun 2, 2020	10672025
1678	US	Large-Scale Anomaly Detection with Relative Density-Ratio Estimation	Makoto Yamada, Chao Qin, Hua Ouyang, Achint Thomas, Yi Chang	Feb 27, 2015	14634515		
1679	US	Determining Content Sessions Using Content-Consumption Events	Nikhil Mishra, Michael Wexler	Mar 30, 2015	14673854	Feb 18, 2020	10564805
1680	US	Real-Time Economic Indicator	Robert Sharp, Varun Bhagwan, Mihajlo Grbovic	Oct 14, 2014	14513935		

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1681	US	Predicting the next application that you are going to use on aviate	Fabrizio Silvestri, Ricardo Baeza-Yates, Beverly Harrison, Di Jiang	Dec 30, 2014	14586635	May 15, 2018	9971972
1682	US	Predicting The Next Application That You Are Going to Use on Aviate	Fabrizio Silvestri, Ricardo Baeza-Yates, Beverly Harrison, Di Jiang	Apr 6, 2018	15947653	Feb 18, 2020	10565527
1683	US	Future Event Detection and Notification	Junwei Jiang, Wenliang Cui, Qian Wan	Mar 13, 2015	14657409	Feb 19, 2019	10212243
1684	US	Future Event Detection and Notification	Junwei Jiang, Wenliang Cui, Qian Wan	Feb 18, 2019	16278670		
1685	US	Automatically Creating at-a-Glance Content	Bin Ni, Jia Li	Nov 20, 2014	14548852	Aug 1, 2017	9720882
1686	US	Automatically Creating at-a-Glance Content	Bin Ni, Jia Li	Jul 27, 2017	15661105	Jun 11, 2019	10318611
1687	US	Automatically Creating at-a-Glance Content	Bin Ni, Jia Li	May 21, 2019	16418221	Jun 9, 2020	10678992
1688	US	Content Distribution Resource Allocation	Shashank Bhide, Sudhir Chauhan, Kshitiz Tripathi	Jan 7, 2015	14591204		
1689	US	Delivering a customized service to a mobile device using a link	Sean N. Byrnes, Gabriel Vanrenen, Dan Scholnick	Nov 7, 2006	11594573	Jan 1, 2013	8346223
1690	US	Adaptive Deployment of Applications for Mobile	Sean N. Byrnes, Gabriel Vanrenen, Karl Harris	Nov 7, 2006	11594555	Nov 8, 2016	9489187
1691	US	Delivering a Customized Service to a Mobile Device by Parsing Metadata to Create a Device Signature	Sean N. Byrnes, Gabriel Vanrenen, Dan Scholnick	Dec 14, 2012	13715823	Aug 7, 2018	10042624

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1692	US	Adaptive Deployment of Applications for Mobile	Sean N. Byrnes, Gabriel Vanrenen, Karl Harris	Nov 1, 2016	15340296	Mar 24, 2020	10599414
1693	US	Delivering a customized service to a mobile device using a link	Sean N. Byrnes, Gabriel Vanrenen, Dan Scholnick	Aug 1, 2018	16051641		
1694	US	Adaptive Deployment of Applications for Mobile	Sean N. Byrnes, Gabriel Vanrenen, Karl Harris	Mar 20, 2020	16825333		
1695	US	Mobile Application Usage-Based Revenue Targeting Systems and Methods	Rahul Bafna, Mubeen Afzhal, Greg Gardner, Simon Khalaf, Rahul Oak	May 24, 2013	13902684	Jul 2, 2019	10339560
1696	US	Mobile Application Usage-Based Revenue Targeting Systems and Methods	Rahul Bafna, Mubeen Afzhal, Greg Gardner, Simon Khalaf, Rahul Oak	Jun 26, 2019	16452741		
1697	US	Automatic Configuration of Email Client	Sean N. Byrnes, Gabriel Vanrenen, Dan Scholnick	Nov 21, 2006	11604193	Apr 14, 2020	10623360
1698	US	Method and System For Providing Query Suggestions Based on User Feedback	Amit Goyal, Weize Kong, Hongbo Deng, Anlei Dong, Yi Chang, Lizi Zhang	Nov 18, 2014	14546635		
1699	US	Systems and Methods for Displaying an Expanding Menu Via a User Interface	Agnes Liu, Shin-Yi Huang	Sep 11, 2014	14484155	May 21, 2019	10296167
1700	US	Display Screen with Graphical User Interface of a Menu for a News digest	Shin-Yi Huang, Agnes Liu	Sep 11, 2014	29502113	Jul 19, 2016	D761833

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1701	US	System and Method for 3D Tracking for Ad-Hoc Cross-Device Interaction	Christian Holz, Haojian Jin	Nov 19, 2014	14547553	Mar 27, 2018	9929817
1702	US	System and Method for 3D Tracking for Ad-Hoc Cross-Device Interaction	Christian Holz, Haojian Jin	Feb 22, 2018	15902138		
1703	US	Image Cropping	Daozheng Chen, Mihyoung Lee, Brian Webb, Ralph Rabbat, Ali Khodaei, Paul Krakow, David Todd, Samantha Giordano, Max Chern	Dec 31, 2014	14588213	Jun 12, 2018	9996761
1704	US	Image Cropping	Daozheng Chen, Mihyoung Lee, Brian Webb, Ralph Rabbat, Ali Khodaei, Paul Krakow, David Todd, Samantha Giordano, Max Chern	May 14, 2018	15979316		
1705	US	Digital image and content display systems and	Amy Lee	Mar 22, 2012	13427341	Aug 28, 2012	8255495
1706	US	Digital Image and Content Display Systems and	Amy Lee	Aug 1, 2012	13564609	Mar 5, 2013	8392538
1707	US	Digital Image and Content Display Systems and	Amy Lee	Feb 26, 2013	13777917	Oct 13, 2015	9158747
1708	US	Digital Image and Content Display Systems and	Amy Lee	Sep 1, 2015	14842576	Sep 18, 2018	10078707
1709	US	Digital Image and Content Display Systems and	Amy Lee	Sep 17, 2018	16132891	Sep 22, 2020	10783215

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1710	US	Platform for providing interactive applications on a digital content platform	James R. Everingham, Will H. Scullin, Chris Waterson	Nov 30, 2011	13308401	May 27, 2014	8737678
1711	US	System and method for sharing content based on positional tagging	James R. Everingham, Will H. Scullin	Aug 26, 2011	13219460	Jan 21, 2014	8635519
1712	US	System and method for sharing content based on positional tagging	James R. Everingham, Will H. Scullin	Nov 14, 2011	13296124	Apr 24, 2012	8166383
1713	US	Image content and quality assurance system and method	Kristen Lagle Ruiz, Chris Waterson, James R. Everingham	Apr 19, 2012	13450807	Jul 31, 2012	8234168
1714	US	Image content and quality assurance system and method	Kristen Lagle Ruiz, Chris Waterson, James R. Everingham	Jul 10, 2012	13545443	Nov 13, 2012	8311889
1715	US	Computerized Notification System and Method for Delivering Breaking News Content	Renhui Zhang, Xue Wu, Qichu Lu, William Shapiro	Jun 3, 2015	14729686	Nov 19, 2019	10484329
1716	US	System and Method for Determining and Delivering Breaking News Utilizing Social Media	Renhui Zhang, Xue Wu, Qichu Lu, William Shapiro	Jun 3, 2015	14729614		
1717	US	Network Content Communication	Omer Luzzatti, Lev Korostyshevsky, Michael Kravchenko, Elad Rainshmidt	Dec 31, 2015	14986115	Feb 18, 2020	10567546
1718	US	Object Detection in Images	Jen-Hao Hsiao, Jia Li	Jan 29, 2015	14609220	Feb 23, 2016	9269025
1719	US	Object detection in digital images	Jen-Hao Hsiao, Jia Li	Jan 14, 2016	14996063	Jul 4, 2017	9697442

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1720	US	System and Method for Improved Server Performance for a Deep Feature Based Coarse-to-	Jen-Hao Hsiao, Jia Li	Mar 12, 2015	14656390		
1721	US	METHOD AND SYSTEM FOR PROVIDING A USER INTERFACE	Christopher Chan, Tony Hairr, Katrina Tempero, Yu-Chin Tai, Wit Tatiyanupanwong	Nov 25, 2014	14552695	May 3, 2016	9329842
1722	US	Image Analysis System and Method Using Image Recognition and Text Search	James R. Everingham	Jan 12, 2011	13005217	Jul 5, 2016	9384408
1723	US	Portion Of A Display Screen With A Graphical User	James R. Everingham, Sarah Waterson	Oct 10, 2011	29403731	Aug 11, 2015	D736224
1724	US	Portion Of A Display Screen With A Graphical User	Sarah Waterson	Oct 10, 2011	29403732	Aug 25, 2015	D737289
1725	US	Portion of A Display Screen With A Graphical User	James R. Everingham, Sarah Waterson	Oct 10, 2011	29403733	Aug 25, 2015	D737290
1726	US	Portion of A Display Screen With A Graphical User	James R. Everingham, Amy Lee	Oct 11, 2011	29403826	Sep 8, 2015	D738391
1727	US	Image Browsing System and Method for a Digital Content Platform	James R. Everingham, Chris Waterson	Jun 18, 2014	14308611		
1728	US	Portion of a display screen with a graphical user	James R. Everingham	Mar 10, 2011	29387270	Aug 7, 2012	D664976
1729	US	Portion of a display screen with a Graphical user	James R. Everingham	Mar 10, 2011	29387271	Aug 7, 2012	D664977
1730	US	System and Method for Creating and Displaying Image Annotations	James R. Everingham	May 16, 2012	13473027	Jul 23, 2013	8495489

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1731	US	Electronic Message Search System and Method	Yoelle Maarek, Liane Lewin-Eytan, Ariel Raviv, David Carmel, Guy Halawi, Zohar Karnin, Peter Monaco	Dec 31, 2014	14587585	Dec 5, 2017	9838348
1732	US	GENERATING PREFERENCE INDICES FOR IMAGE CONTENT	Jia Li, Suleyman Cetintas, Kuang-chih Lee	Dec 22, 2014	14579998	Mar 28, 2017	9607217
1733	US	Generating Preference Indices for Image Content	Suleyman Cetintas, Kuang-chih Lee, Jia Li	Mar 20, 2017	15463774		
1734	US	Transition Event Detection	Makoto Yamada, Yi Chang	Jan 20, 2015	14601128		
1735	US	Data Sessionization	Akshay Sarma, Michael Natkovich, Joshua Walters	May 20, 2015	14717119	Jan 14, 2020	10536539
1736	US	Resource utilization by one or more tasks	Benoit Schillings	Jan 28, 2015	14607499	Jun 14, 2016	9367355
1737	US	Determining Resource utilization by One or More	Benoit Schillings	Jun 13, 2016	15180608	Jul 10, 2018	10019291
1738	US	Positional state identification of mobile	Benoit Schillings	Dec 31, 2014	14587313	Sep 4, 2018	10067220
1739	US	Automatic Lock Removal Method for Scalable Synchronization in Dynamic Data Structures	Eshcar Hillel, Maya Arbel, Guy Gueta, Idit Keidar	Jun 16, 2015	14741247	Sep 18, 2018	10078653
1740	US	Automatic Lock Removal Method for Scalable Synchronization in Dynamic Data Structures	Eshcar Hillel, Maya Arbel, Guy Gueta, Idit Keidar	Aug 10, 2018	16101330		

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1741	US	Location-Awareness Search Assistance System and Method	Hui Wu, Huming Wu, Shenhong Zhu, Jim Gan, Hang Su	Jun 1, 2015	14727081	Dec 10, 2019	10503764
1742	US	Location-Awareness Search Assistance System and Method	Hui Wu, Huming Wu, Shenhong Zhu, Jim Gan, Hang Su	Dec 6, 2019	16705670		
1743	US	RECOMMENDING CONTENTS USING A BASE PROFILE	Sudharsan Vasudevan, Herat Gandhi, Maheswara Inturi, Chinmayi Narasimhadevara, Sumit Ailawadi	Oct 31, 2014	14529415	Jul 17, 2018	10025863
1744	US	Recommending Contents Using a Base Profile	Sudharsan Vasudevan, Herat Gandhi, Maheswara Inturi, Chinmayi Narasimhadevara, Sumit Ailawadi	Jun 18, 2018	16010567		
1745	US	Content Summation	Jens Faenger, Michael Wexler	Jun 11, 2015	14736658	Sep 22, 2020	10785180
1746	US	WEB CONTENT PUBLISHING ACQUISTION	Michael Wexler, Don Matheson	Dec 31, 2014	14588309		
1747	US	Using Hierarchical Reservoir Sampling to compute percentiles at scale	Michael Wexler, Robert Ames, Ian Flint	Mar 20, 2015	14664043	Sep 5, 2017	9756122
1748	US	Stabilizing Content Display on Wearable Devices	Christian Holz, Rajiv Ayyangar	Dec 31, 2014	14587888	Oct 15, 2019	10444847
1749	US	Seasonal Query Suggestion System and Method	Huming Wu, Shenhong Zhu	Jun 15, 2015	14739487	Mar 27, 2018	9928313

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1750	US	System and Method for Triaging in a Message System on Send Flow	Utkarsh Shrivastava	Dec 8, 2014	14563121	Oct 9, 2018	10097498
1751	US	System and Method for Triaging in a Message System on Send Flow	Utkarsh Shrivastava	Sep 29, 2018	16147655		
1752	US	Media Content Analysis System and Method	Simon Osindero	Aug 12, 2015	14824561	Feb 14, 2017	9569696
1753	US	Media Content Analysis System And Method	Simon Osindero	Feb 13, 2017	15431081	Apr 10, 2018	9940547
1754	US	Media Content Analysis System And Method	Simon Osindero	Apr 6, 2018	15947054	Jan 14, 2020	10534981
1755	US	Audio Verification	Keiko Horiguchi, Amanda Stent, Achint Thomas, Ricardo Baeza-Yates, Yi Chang, Jeff Kuwano, Manjana Chandrasekharan	Sep 8, 2015	14847742	Apr 30, 2019	10277581
1756	US	Audio Verification	Keiko Horiguchi, Amanda Stent, Achint Thomas, Ricardo Baeza-Yates, Yi Chang, Jeff Kuwano, Manjana Chandrasekharan	Apr 30, 2019	16398940		
1757	US	Automatic Anomaly Detection Framework for	Zicheng Huang	Oct 26, 2015	14923033	Oct 22, 2019	10454889
1758	US	Facilitation of service login	Richard Allinson, Chris Stoner, Manoj Bapuji Palki	Mar 27, 2015	14671026	Feb 6, 2018	9887991

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1759	US	Facilitation of Service Login	Richard Allinson, Chris Stoner, Manoj Bapuji Palki	Feb 5, 2018	15888174	Dec 10, 2019	10505928
1760	US	Facilitation of Service Login	Richard Allinson, Chris Stoner, Manoj Bapuji Palki	Dec 9, 2019	16707032		
1761	US	System and Method for Contextual Video Advertisement Serving In Guaranteed Display Advertising	Suleyman Cetintas, Srinath Ravindran, Mohammad Saberian, Sandeep Soni, Kuang-chih Lee, Hong Yao, Jian Yang, Pradhan Pattanayak	Jul 31, 2015	14815334		
1762	US	Image Capture with Display Context	Amy Lee, Sophie Tang, Shenglong Gao, Adam Mathes, Gregory Choi, Luiz Fernando da Silva Pereira	May 29, 2015	14725398	May 8, 2018	9967467
1763	US	Image Capture Component	Shenglong Gao, Adam Mathes, Gregory Choi, Dongeun Lee, Luiz Fernando da Silva Pereira, Yuhuan Tang	May 7, 2018	15972585	Jan 14, 2020	10536644
1764	US	Image Capture Component	Shenglong Gao, Adam Mathes, Gregory Choi, Dongeun Lee, Luiz Fernando da Silva Pereira, Yuhuan Tang	Jan 14, 2020	16742001		

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1765	US	METHOD AND SYSTEM FOR DISPLAYING PHOTOS, VIDEOS, RSS AND OTHER MEDIA CONTENT IN FULL-SCREEN IMMERSIVE VIEW AND GRID-VIEW USING A BROWSERFEATURE	Austin Shoemaker, Joshua Schwarzapel, Mayank Mehta, Soujanya Bhumkar	May 21, 2007	11751540	Jun 17, 2014	8756510
1766	US	Method and System for Selecting and Presenting Web Advertisements in a Full-Screen Cinematic View	Austin Shoemaker	May 21, 2007	11751577	Aug 20, 2019	10387891
1767	US	SHARING OF MEDIA AND OTHER CONTENT THROUGH A COMMUNICATION CHANNEL	Austin Shoemaker, Kevin Weil, Joshua Schwarzapel, Soujanya Bhumkar	Jun 24, 2008	12145477	Sep 10, 2013	8533284
1768	US	Method and System for Presenting a Search Result in a Search Result Card	Wen Yang	Apr 23, 2015	14439288	Jul 24, 2018	10031954
1769	US	Method and System for Presenting a Search Result in a Search Result Card	Wen Yang	Jun 26, 2018	16018450		
1770	US	METHODS AND SYSTEMS FOR ENHANCING INTERNET EXPERIENCES	Soujanya Bhumkar, Mayank Mehta, Austin Shoemaker	Dec 20, 2006	11613838	Aug 22, 2017	9740794
1771	US	Gallery Application for Content Viewing	Venkat Krishnaraj, Austin Shoemaker, Aditya Rathnam, Soujanya Bhumkar	Feb 9, 2010	12702508	Oct 6, 2015	9152318

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1772	US	Gallery application for content viewing	Venkat Krishnaraj, Austin Shoemaker, Aditya Rathnam, Soujanya Bhumkar	Feb 9, 2010	12702555	Sep 8, 2015	9128602
1773	US	Gallery application for content viewing	Venkat Krishnaraj, Austin Shoemaker, Aditya Rathnam, Soujanya Bhumkar	Feb 9, 2010	12702577	Sep 16, 2014	8839128
1774	US	Gallery Application for Content Viewing	Venkat Krishnaraj, Austin Shoemaker, Aditya Rathnam, Soujanya Bhumkar	Oct 6, 2015	14875954	Jun 18, 2019	10324976
1775	US	System and Method for Automatic Storyline Construction Based on Determined Breaking News	Xue Wu, Renhui Zhang, Qichu Lu	Jun 3, 2015	14729512	Oct 6, 2020	10798193
1776	US	System and Method for Automatic Storyline Construction Based on Determined Breaking News	Xue Wu, Renhui Zhang, Qichu Lu	Oct 5, 2020	17062895		
1777	US	Automatic Group Formation and Group Detection through Media Recognition	Austin Shoemaker, Howard Law, Hamoun Parvizi, Venkat Krishnaraj, Soujanya Bhumkar	Feb 13, 2015	14622223	Nov 6, 2018	10121060
1778	US	Method and System for Scheduling Transactions in a Data System	Guangxin Yang, Dongyue Wang, Xinyu Wang, Wei Liang, Sihan Ge	Apr 3, 2015	14436935	Mar 26, 2019	10241828

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1779	US	Method and System for Scheduling Transactions in a Data System	Guangxin Yang, Dongyue Wang, Xinyu Wang, Wei Liang, Sihan Ge	Feb 4, 2019	16266144		
1780	US	Method and Apparatus for Predicting Unwanted Electronic Messages for a User	Liane Lewin-Eytan, Guy Halawi, Dotan Di Castro, Zohar Karnin, Yoelle Maarek, Michael Albers	Jun 30, 2015	14755518	Aug 6, 2019	10374995
1781	US	Method and System for Monitoring Data Quality and Dependency	Guangxin Yang, Ji Zhou, Shuo Yang, Yan Xia, Xiaojuan Wei	Apr 3, 2015	14436939		
1782	US	Mobile Visual Search Using Deep Variant Coding	Jen-Hao Hsiao, Jia Li	May 18, 2015	14715246		
1783	US	Method and/or System for Recommender System	Hossein (Puya) Vahabi, Francesco Gullo	Aug 26, 2015	14836692	Oct 6, 2020	10796239
1784	US	Boosted Deep Convolutional Neural Networks (CNNs)	Mohammad Saberian, Jia Li, Jian Yang	Aug 7, 2015	14820972	Oct 31, 2017	9805305
1785	US	Method and System for Data Recovery in a Data System	Guangxin Yang, Dongyue Wang, Sihan Ge, Xinyu Wang, Wei Liang	Apr 3, 2015	14437300	Oct 29, 2019	10459805
1786	US	Method and System for Data Recovery in a Data System	Guangxin Yang, Dongyue Wang, Sihan Ge, Xinyu Wang, Wei Liang	Sep 18, 2019	16574823		
1787	US	Systems and Methods for Online Content Recommendation	Nadav Golbandi, Chao Wang	Jun 24, 2015	14748333		

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1788	US	Location Sharing	Vince Magistrado, Sneha Datla	Apr 16, 2015	14688267	Oct 16, 2018	10104023
1789	US	Virtualization input	Christian Holz	Feb 18, 2015	14625213	Jan 31, 2017	9558367
1790	US	Virtualization input	Christian Holz	Jan 30, 2017	15419027	Dec 5, 2017	9836621
1791	US	Virtualization Input	Christian Holz	Dec 4, 2017	15830462	Feb 26, 2019	10216956
1792	US	Virtualization Input	Christian Holz	Feb 25, 2019	16284276	May 26, 2020	10664613
1793	US	Techniques for Modeling Aggregation Records	Jonathan Kilroy, Dale Nussel, Allie K Watfa, Mangesh Pardeshi	Mar 18, 2015	14661979	Jul 9, 2019	10346433
1794	US	Techniques for Modeling Aggregation Records	Jonathan Kilroy, Dale Nussel, Allie K Watfa, Mangesh Pardeshi	Jul 8, 2019	16504661		
1795	US	Systems and Methods For Instant Generation of Human Understandable Audience Insights	Lin Ma, Zornitsa Kozareva, Rohit Bhatia	Feb 27, 2015	14634463	Aug 21, 2018	10055753
1796	US	Systems and Methods For Instant Generation of Human Understandable Audience Insights	Lin Ma, Zornitsa Kozareva, Rohit Bhatia	Aug 20, 2018	16105006		
1797	US	Audited Pipelined Distributed System For Video Advertisement Exchanges	Giao Huu Phan, Daniel Hsiung, Ian Graeme Melven, Brian Hardie, Joseph Gutierrez, Marshall Allen Beddoe, Pankaj Gupta, Bernardo de Seabra, Dru Nelson, Kenneth Cheung, Jason Endo	Mar 14, 2014	14214431	Oct 4, 2016	9462354

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1798	US	Compact Data Interface For Real Time Bidding In Digital Video Advertisement Systems	Pravin Savkar, Daniel Hsiung, Jason Endo, Giao Huu Phan, Ryan Walker, Aaron Stone	Mar 17, 2014	14217006		
1799	US	Geo, Segment, Uniques Distributed Computing System	Giao Huu Phan, Daniel Hsiung, Ian Graeme Melven, Brian Hardie, Joseph Gutierrez, Marshall Allen Beddoe, Pankaj Gupta, Bernardo de Seabra, Dru Nelson, Kenneth Cheung, Jason Endo, Maxime Sadrieh, Rahul Ravindran, Vikas Unnava, Sharon Paisner, Dia Kharrat	Mar 14, 2014	14214547	Sep 18, 2018	10080064
1800	US	Geo, Segment, Uniques Distributed Computing System	Giao Huu Phan, Daniel Hsiung, Ian Graeme Melven, Brian Hardie, Joseph Gutierrez, Marshall Allen Beddoe, Pankaj Gupta, Bernardo de Seabra, Dru Nelson, Kenneth Cheung, Jason Endo, Maxime Sadrieh, Rahul Ravindran, Vikas Unnava, Sharon Paisner, Dia Kharrat	Sep 17, 2018	16132825		

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1801	US	Geo, Segment, Uniques Distributed Computing System	Giao Huu Phan, Daniel Hsiung, Ian Graeme Melven, Brian Hardie, Joseph Gutierrez, Marshall Allen Beddoe, Pankaj Gupta, Bernardo de Seabra, Dru Nelson, Kenneth Cheung, Jason Endo, Maxime Sadrieh, Rahul Ravindran, Vikas Unnava, Sharon Paisner, Dia Kharrat	Sep 17, 2018	16132838		
1802	US	Mobile Creative Management System	Amanda Roever, Richard Collins	Mar 14, 2014	14214618		
1803	US	Real Time Debugging In Online Video Advertisement System	Daniel Hsiung, Jason Endo, Aaron Stone, Amanda Roever, Evan Kuhn	Jul 21, 2014	14337110	Aug 4, 2020	10733633
1804	US	Controlling Effectiveness of Online Video Advertisement Campaign	Martin Brown, Thomas Schmidt, Giao Huu Phan, Amanda Roever, Pravin Savkar, Karim Seada	Aug 28, 2014	14472287	May 5, 2020	10643250
1805	US	Real Time Pacing of Online Video Advertisements	Gian-Paolo Musumeci	Jan 28, 2015	14607638		
1806	US	Qualitative User Assessment In Online Video Advertising	Gian-Paolo Musumeci, Sharon Paisner, Dylan Sather	Jan 29, 2015	14608992		
1807	US	Client-Side Scout and Companion In A Real-Time Bidding Advertisement	Brian Hardie	Nov 6, 2014	14535077	Jun 19, 2018	10003838

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1808	US	Tracking And Measurement Enhancements In A Real-Time Advertisement Bidding	Brian Hardie, Brandon Dement, Derek Chung, John Kim	Feb 3, 2015	14612758	Mar 19, 2019	10237628
1809	US	Multi-Protocol Interactive Mobile Video Advertising	Amanda Roever, Richard Collins, Daniel Lachman Roosevelt	Oct 23, 2014	14522470	May 5, 2020	10643253
1810	US	Incremental Data Processing	Bernardo de Seabra, Rahul Ravindran	May 22, 2015	14720448	Jul 3, 2018	10013422
1811	US	Incremental Data Processing	Bernardo de Seabra, Rahul Ravindran	Jul 2, 2018	16025345	Sep 10, 2019	10409774
1812	US	Incremental Data Processing	Bernardo de Seabra, Rahul Ravindran	Sep 9, 2019	16564034		
1813	US	Multi-Source Content Blending	Kehan Chen, Jian Xu, Yu Zou	Sep 4, 2015	14846618		
1814	US	Triggering method for Instant Search	Shenhong Zhu, Kazuhiro Nakao, Zhongqiang Chen, Donahue Sze, Huming Wu, Farzin Maghoul	May 25, 2015	14720867	Apr 10, 2018	9940372
1815	US	Triggering Method for Instant Search	Shenhong Zhu, Kazuhiro Nakao, Zhongqiang Chen, Donahue Sze, Huming Wu, Farzin Maghoul	Feb 28, 2018	15908123	Feb 4, 2020	10552438
1816	US	Computerized System and Method for Determining Authenticity of Users Via Facial Recognition	Christian Holz, Miteshkumar Patel, Senaka Buthpitiya	May 22, 2015	14719654	Aug 14, 2018	10049287
1817	US	Mitigation of Failures in an Online Advertising Network	Gian-Paolo Musumeci	Oct 7, 2014	14508942	Oct 23, 2018	10108985

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1818	US	Mitigation of Failures in an Online Advertising Network	Gian-Paolo Musumeci	Oct 22, 2018	16166539	Sep 22, 2020	10783562
1819	US	Fixed delay storage and its application to networked advertisement exchange	Gian-Paolo Musumeci, Sharon Paisner, Kevin Su	Oct 7, 2014	14508944	May 19, 2020	10659550
1820	US	On-line Account Recovery	Janarthanam Ramalingam, Atte Lahtiranta	Sep 9, 2015	14849320	Nov 20, 2018	10135801
1821	US	System and Method for Editing Dynamically Aggregated Data	Brian Hein, Peter Monaco, Richard Sarvate, Nitish Dalal	May 18, 2015	14715012	Apr 24, 2018	9953073
1822	US	System and Method for Editing Dynamically Aggregated Data	Brian Hein, Peter Monaco, Richard Sarvate, Nitish Dalal	Apr 19, 2018	15957045		
1823	US	Method and System for Sponsored Search Results Placement in a Search Results Page	Shanshan Zhang, Qingquan Wang, Siyu Zhu, Zhuoye Ding	Jun 9, 2015	14896590		
1824	US	Outlier Data Detection	Yan He, Miao Chen, Maria Stone	Jun 9, 2015	14734515	Jul 14, 2020	10713683
1825	US	Method and System for Mapping Notable Entities to Their Social Profiles	Ekaterina Antal, Akash Mehra, Mehmet Akgun, Nachi Nachiappan	Dec 15, 2015	14969225	May 29, 2018	9984146
1826	US	Method and System for Mapping Notable Entities to Their Social Profiles	Ekaterina Antal, Akash Mehra, Mehmet Akgun, Nachi Nachiappan	May 25, 2018	15989670		
1827	US	Predicting Content Consumption	Christian Holz, Frank Bentley, Ayman Farahat	May 12, 2015	14710096	Jun 23, 2020	10692098
1828	US	Mobile Ghosting	Chris Stoner, Michael Chrabaszcz	Apr 9, 2015	14682751	Sep 12, 2017	9763024

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1829	US	Mobile Ghosting	Chris Stoner, Michael Chrabaszcz	Sep 7, 2017	15698275	Feb 4, 2020	10555148
1830	US	Management of transactions in a distributed transaction system	Edward Bortnikov, Ohad Shacham, Idit Keidar, Eshcar Hillel, Sameer Paranjpye	Apr 20, 2015	14691310	May 22, 2018	9979734
1831	US	Management of Transactions in a Distributed Transaction System	Edward Bortnikov, Ohad Shacham, Idit Keidar, Eshcar Hillel, Sameer Paranjpye	Mar 19, 2018	15925625		
1832	US	Auto-Creation of Application Passwords	Chris Stoner, Assaf Kremer	Mar 31, 2015	14675419	Oct 15, 2019	10447692
1833	US	Face Detection	Mohammad Saberian, Sachin Sudhakar Farfade, Jia Li	Sep 18, 2015	14859040	Dec 26, 2017	9852492
1834	US	Methods and Systems for Determining Query Date Ranges	John Alexis Guerra Gomez, Frank Bentley, Joseph Kaye, David Shamma	Jul 21, 2015	14804835	Jun 25, 2019	10331752
1835	US	System and Method for Authenticating Users Across Devices	Christian Holz	May 20, 2015	14717013		
1836	US	Image searching	Jen-Hao Hsiao	Jun 4, 2015	14730476	Apr 10, 2018	9940575
1837	US	Image Searching	Jen-Hao Hsiao	Apr 9, 2018	15948061	Apr 23, 2019	10268952
1838	US	Image Searching	Jen-Hao Hsiao	Apr 23, 2019	16392305	Jul 21, 2020	10719763
1839	US	Topical Based Media Content Summarization System And Method	Yale Song, Jordi Vallmitjana, Amanda Stent, Alejandro Jaimes	Apr 9, 2015	14682654	Oct 9, 2018	10095786

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1840	US	Topical Based Media Content Summarization System And Method	Yale Song, Jordi Vallmitjana, Amanda Stent, Alejandro Jaimes	Oct 4, 2018	16151588	Sep 8, 2020	10769208
1841	US	Content Recommendation	Erheng Zhong, Nan Liu, Yue Shi, Suju Rajan	Nov 2, 2015	14930218	Aug 11, 2020	10740415
1842	US	Multi-Touch Gesture Search	Jonathan Paris, Leili Rad, Benoit Schillings, Yuhuan Tang	Sep 28, 2015	14867695	Sep 25, 2018	10083238
1843	US	Multi-Touch Gesture Search	Jonathan Paris, Leili Rad, Benoit Schillings, Yuhuan Tang	Sep 24, 2018	16139298		
1844	US	Computerized Method And System For Automated Determination Of High Quality Digital Content	Simon Osindero, Frank Liu, Gerald Pesavento, Miriam Redi, Luca Maria Aiello, Anastasia Svetlichnaya	Aug 3, 2015	14816516	Jun 6, 2017	9672445
1845	US	Computerized Method And System For Automated Determination of High Quality Digital Content	Simon Osindero, Frank Liu, Gerald Pesavento, Miriam Redi, Luca Maria Aiello, Anastasia Svetlichnaya	May 19, 2017	15599525		
1846	US	Method And System For Selecting Supplemental Content Using Visual Appearance	Simon Osindero, Ioannis Kalantidis, David Shamma, Lyndon Kennedy, Ayman Farahat, Gerald Pesavento, Ricardo Baeza-Yates	Apr 13, 2016	15097658	Feb 11, 2020	10558720

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1847	US	On Demand Passwords	Lovlesh Chhabra, Dylan Casey, Atte Lahtiranta, Jonathan Hryn, Alice Gutman	Dec 1, 2015	14956224	Mar 27, 2018	9930033
1848	US	On Demand Passwords	Lovlesh Chhabra, Dylan Casey, Atte Lahtiranta, Jonathan Hryn, Alice Gutman	Feb 20, 2018	15900691	Mar 3, 2020	10581835
1849	US	Customization of User Account Authentication	Lovlesh Chhabra, Jonathan Hryn, Manoj Bapuji Palki, Atte Lahtiranta	Dec 11, 2015	14967016	Jun 25, 2019	10333915
1850	US	Method and System for Dynamically Providing Advertisements for Comparison	Frank Filippini, Jorge Angarita Mora, Wayne Greenwood, Dan Parent, Lisa Giaffo, Erin P Sheedy-Owen	Sep 11, 2015	14851214		
1851	US	Content Overlay for Social Network Posts	Kevin Cheng, Joel Kraut, Jason LeBrun	May 13, 2015	14711711		
1852	US	User Interface Adjustment Methods and Systems	Shuyu Ke	Jun 25, 2015	14749799	Dec 10, 2019	10503392
1853	US	User Interface Adjustment Methods and Systems	Shuyu Ke	Dec 9, 2019	16707466		
1854	US	Method and System for Ranking Search Content	Dawei Yin, Pengyuan Wang, Hua Ouyang, Yi Chang, Jean-Marc Langlois	Dec 4, 2015	14959122		
1855	US	Method and System for Analyzing User Behavior Associated with Web	Gabriele Tolomei, Ayman Farahat, Mounia Lalmas	Jun 30, 2015	14755399		

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1856	US	Exploration of Real-Time Advertising Decisions	Kuang-chih Lee, Quan Lu, Giovanni Gardelli, Donglin Niu	Oct 2, 2015	14873757		
1857	US	Method and System for Providing Content Supply Adjustment	Ayman Farahat, Mounia Lalmas, Gabriele Tolomei	Jun 30, 2015	14755483		
1858	US	Size-Optimized Data Interchange Method And	Patrick Chan	Dec 22, 2015	14978560	Oct 8, 2019	10437924
1859	US	Size-Optimized Data Interchange Method And	Patrick Chan	Sep 24, 2019	16580517		
1860	US	Computerized System And Method For Automatically Generating High-quality Digital Content Thumbnails From Digital Video	Yale Song, Jordi Vallmitjana, Miriam Redi, Alejandro Jaimes	Aug 30, 2016	15250990	May 15, 2018	9972360
1861	US	Computerized System And Method For Automatically Generating High-quality Digital Content Thumbnails From Digital Video	Yale Song, Jordi Vallmitjana, Miriam Redi, Alejandro Jaimes	May 7, 2018	15972851		
1862	US	Methods and Systems for Detecting and Recognizing Text from Images	Simon Osindero	Jun 30, 2015	14755817	Aug 7, 2018	10043231
1863	US	Fraud prevention	Binu Ramakrishnan	Oct 13, 2015	14881316	Oct 3, 2017	9781132
1864	US	Method and System for Blocking Malicious Third Party Site Tagging	Vibha Sethi, Binu Ramakrishnan, Christopher Harrell	Apr 30, 2015	14700456	Oct 1, 2019	10432662
1865	US	Method for identifying multiple devices belonging to the same group	Hao Cheng, Rohit Chandra, Jian Yang	Apr 30, 2015	14700616	Jan 9, 2018	9864999

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1866	US	METHOD FOR IDENTIFYING MULTIPLE DEVICES BELONGING TO THE SAME	Hao Cheng, Rohit Chandra, Jian Yang	Dec 28, 2017	15856801	Dec 17, 2019	10511568
1867	US	METHOD FOR IDENTIFYING MULTIPLE DEVICES BELONGING TO THE SAME	Hao Cheng, Rohit Chandra, Jian Yang	Dec 16, 2019	16715140		
1868	US	Content Identification	Varun Bhagwan, Robert Sharp	Sep 17, 2015	14857297		
1869	US	Webpage navigation utilizing audio commands	Mohit Goenka, Stephani Bishop	Oct 1, 2015	14872224	Jan 9, 2018	9865261
1870	US	Automated Personalized Electronic Message Composition	Mayukh Bhaowal, Kevin Patel, Lei Bao	Oct 29, 2015	14926382	Oct 1, 2019	10430513
1871	US	Method and System for User Authentication based on a Visual Representation of User Location	Zordius Chen	Nov 17, 2015	14943197	Sep 1, 2020	10764301
1872	US	METHOD FOR ACCESSING AN ONLINE ACCOUNT AFTER THE OWNER'S DEATH	Richard Allinson, Matthew L Jones, Annamalai Muruganathan	Sep 24, 2015	14864706		
1873	US	Method and System For Sharing Personal Information with Web Sites	Richard Allinson, Annamalai Muruganathan, Matthew L Jones	Sep 22, 2015	14861973		
1874	US	Locally Optimized Feature Space Encoding of Digital Data and Retrieval Using	Lyndon Kennedy, Ioannis Kalantidis, David Shamma	Nov 30, 2015	14953925	May 23, 2017	9659214

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1875	US	COMPUTERIZED SYSTEM AND METHOD FOR SELECTIVELY COMMUNICATING HTML CONTENT TO A USER'S INBOX AS A NATIVE MESSAGE	David Leroy, Ramachandran Ramaswamy, Suhas Sadanandan, Utkarsh Shrivastava, Kanika Shah, Kevin Day, Yaqi Hu	Apr 29, 2015	14699378	Feb 11, 2020	10560408
1876	US	Computerized System and Method for Determining and Displaying Message Content in a User's Inbox	Utkarsh Shrivastava, Suhas Sadanandan, Kanika Shah, Kevin Day, Yaqi Hu	Jan 27, 2016	15007401		
1877	US	Method and System for Data Assignment in a Distributed System	Jen-Hao Hsiao	Nov 12, 2015	14938990		
1878	US	Systems and Methods For Mobile Campaign Optimization Without	Lin Ma, Giovanni Gardelli, Gaurav Dhage	Jun 30, 2015	14788227		
1879	US	Selective Screen Sharing	Nadav Golbandi, Oren Shlomo Somekh, Rodrigo Setti, Srinivas Raovasudeva	Nov 23, 2015	14949024		
1880	US	Method and System for Providing Context Based Query Suggestions	Amit Goyal, Hongbo Deng	Dec 8, 2015	14962081	Aug 13, 2019	10380192
1881	US	Method and System for Providing Context Based Query Suggestions	Amit Goyal, Hongbo Deng	Jun 25, 2019	16451062		
1882	US	System And Method For Device Positioning With Bluetooth Low Energy	Haojian Jin, Kent Lyons, Cheng Xu	Aug 25, 2015	14834582	Mar 21, 2017	9602956

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1883	US	System And Method For Device Positioning With Bluetooth Low Energy	Haojian Jin, Kent Lyons, Cheng Xu	Feb 28, 2017	15445309	Jun 19, 2018	10003913
1884	US	Locale of Interest Identification	Christopher Chan, Yu-Chin Tai, Sameer Shah, Jeehaeng Lee, Kuo-Hsien Hsu, Katrina Tempero, Xingjian Zhang	Aug 17, 2015	14827592	Aug 13, 2019	10380146
1885	US	Locale of Interest Identification	Christopher Chan, Yu-Chin Tai, Sameer Shah, Jeehaeng Lee, Kuo-Hsien Hsu, Katrina Tempero, Xingjian Zhang	Aug 12, 2019	16538074		
1886	US	Computerized System and Method for High-Quality and High-Ranking Digital Content Discovery	Yunlong He, Dawei Yin, Yi Chang	Mar 18, 2016	15074028	Nov 19, 2019	10482091
1887	US	Computerized System and Method for High-Quality and High-Ranking Digital Content Discovery	Yunlong He, Dawei Yin, Yi Chang	Nov 13, 2019	16681992		
1888	US	Content Selection	Sundeep Narravula, Sudhir Chauhan, Kshitiz Tripathi	Aug 21, 2015	14832115	Sep 8, 2020	10769662
1889	US	Authentication Entity for User Authentication	Mohit Goenka, Nikita Varma, Ashish Khushal Dharamshi	Nov 30, 2017	15826844	Oct 13, 2020	10805288

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1890	US	CONTROLLING A GRAPHICAL USER INTERFACE BASED UPON A PREDICTION OF A MESSAGING ACTION OF A MESSAGING ACCOUNT	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Dec 8, 2017	15835613		
1891	US	Fantasy Sports Data Analysis For Game Structure Development	Justin Thaler, Maxim Sviridenko, Edo Liberty, Prerit Uppal, Ronald Belmarch, Jerry Shen	Oct 6, 2015	14876101	Feb 19, 2019	10207188
1892	US	Fantasy Sports Data Analysis For Game Structure Development	Justin Thaler, Maxim Sviridenko, Edo Liberty, Prerit Uppal, Ronald Belmarch, Jerry Shen	Feb 15, 2019	16276723	Sep 29, 2020	10786738
1893	US	Fantasy Sports Data Analysis For Game Structure Development	Justin Thaler, Maxim Sviridenko, Edo Liberty, Prerit Uppal, Ronald Belmarch, Jerry Shen	Feb 15, 2019	16276855	Jul 28, 2020	10722799
1894	US	Fantasy Sports Data Analysis For Game Structure Development	Justin Thaler, Maxim Sviridenko, Edo Liberty, Prerit Uppal, Ronald Belmarch, Jerry Shen	Jul 27, 2020	16939700		
1895	US	Method and System for Exchanging Cryptographic Keys with an	Juan Garay, Payman Mohassel, David Gil	Sep 14, 2015	14853087	Sep 4, 2018	10069623
1896	US	Method and System for Exchanging Cryptographic Keys with an	Juan Garay, Payman Mohassel, David Gil	Aug 6, 2018	16055368	Jun 25, 2019	10333700
1897	US	Method and System for Exchanging Cryptographic Keys with an	Juan Garay, Payman Mohassel, David Gil	May 20, 2019	16416419	Apr 28, 2020	10637652

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1898	US	Systems and Methods for Ad Placement in Content Streams	Alireza Sahami Shirazi, Filippo Menczer, Karen Church	Nov 25, 2015	14951683		
1899	US	Content Compression and/or Decompression	Harry Strohm	Oct 29, 2015	14926541	Nov 15, 2016	9496893
1900	US	Content Compression and/or Decompression	Harry Strohm	Oct 25, 2016	15334046	Oct 10, 2017	9787322
1901	US	Content Subject Suggestions	Robert Kirk, Yating Sheng, Ashley Schneider	Apr 11, 2016	15095364	May 28, 2019	10303720
1902	US	Content Subject Suggestions	Robert Kirk, Yating Sheng, Ashley Schneider	May 24, 2019	16421983		
1903	US	Systems and Methods for Establishing and Utilizing a Hierarchical Bayesian Framework for Ad Click Through Rate Prediction	Hongxia Yang, Robert Ormandi, Quan Lu, Han-Yun Tsao	Oct 2, 2015	14874153	Feb 11, 2020	10559004
1904	US	Computerized System And Method For Automatically Creating And Communicating Media Streams Of Digital Content	Gerald Pesavento, Anastasia Svetlichnaya, Pierre Garrigues, Rob Hess	May 23, 2016	15161883	Jul 24, 2018	10033686
1905	US	Computerized System And Method For Automatically Creating And Communicating Media Streams Of Digital Content	Gerald Pesavento, Anastasia Svetlichnaya, Pierre Garrigues, Robin Hess	Jul 6, 2018	16029192	Jan 15, 2019	10182030

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1906	US	Computerized System And Method For Automatically Creating And Communicating Media Streams Of Digital Content	Gerald Pesavento, Anastasia Svetlichnaya, Pierre Garrigues, Robin Hess	Dec 12, 2018	16217342	Oct 15, 2019	10447645
1907	US	Method for Approximate K-nearest-Neighbor Search on Parallel Hardware	Edward Bortnikov, Ohad Shacham, Alexander Libov	Nov 18, 2015	14945221	Dec 17, 2019	10510017
1908	US	Method for Approximate K-nearest-Neighbor Search on Parallel Hardware	Edward Bortnikov, Ohad Shacham, Alexander Libov	Dec 16, 2019	16715226		
1909	US	Recyclable Private Memory Heaps for Dynamic Search Indexes	Edward Bortnikov, Guy Gueta, Pranav Sharma	Aug 25, 2015	14835522		
1910	US	Computerized System And Method For Search Query Auto-Completion	Lizi Zhang, Amit Goyal, Hongbo Deng, Yi Chang, Ricardo Baeza-Yates	Sep 29, 2015	14869435	Aug 14, 2018	10049149
1911	US	Computerized System And Method For Search Query Auto-Completion	Lizi Zhang, Amit Goyal, Hongbo Deng, Yi Chang, Ricardo Baeza-Yates	Aug 7, 2018	16057319		
1912	US	Emotional Reaction Sharing	Bin Ni, Gregory Choi, Adam Mathes	Jul 25, 2016	15218268	Feb 25, 2020	10573048
1913	US	Content-Adaptive Digital Content Adjustment Method And System	Haojian Jin, Zheng Wen, Yale Song	Dec 31, 2015	14985692	Apr 10, 2018	9942581
1914	US	Content-Adaptive Digital Content Adjustment Method And System	Haojian Jin, Zheng Wen, Yale Song	Apr 6, 2018	15947237	Apr 14, 2020	10623784

227

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1915	US	Generating Actionable Suggestions for Improving User Engagement with Online Advertisements	Michele Trevisiol, Gabriele Tolomei, Nicola Barbieri, Mounia Lalmas, Puneet Mohan Sangal, Fabrizio Silvestri	Nov 30, 2015	14954118	Aug 25, 2020	10755303
1916	US	System and Method for Mobile Device Location Tracking with a Communication Event	Sol Lipman, David Robinson, Jeffrey Bonforte, Victor Chen	Dec 4, 2015	14959277	Mar 20, 2018	9924309
1917	US	System and Method for Mobile Device Location Tracking with a Communication Event	Sol Lipman, David Robinson, Jeffrey Bonforte, Victor Chen	Feb 28, 2018	15907415	Jan 28, 2020	10547969
1918	US	System and Method for Mobile Device Location Tracking with a Communication Event	Sol Lipman, David Robinson, Jeffrey Bonforte, Victor Chen	Jan 22, 2020	16749358		
1919	US	In-Context Translation Review	Jay Hobson, Jee Yi, Itsik Figenblat, Daryl M Low	Sep 22, 2015	14860919	Jan 21, 2020	10540449
1920	US	Automatic Canonical Digital Image Selection Method and Apparatus	Sachin Sudhakar Farfade, Vijay Mahadevan, Ayman Kaheel, Ayyappan Arasu, Venkat Barakam, Jay Kiran Mahadeokar	Jun 30, 2016	15198295	Dec 25, 2018	10163041

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1921	US	Automatic Canonical Digital Image Selection Method and Apparatus	Sachin Sudhakar Farfade, Vijay Mahadevan, Ayman Kaheel, Ayyappan Arasu, Venkat Barakam, Jay Kiran Mahadeokar	Dec 21, 2018	16228834		
1922	US	Smart Exploration Methods For Mitigating Item Cold-Start Problem In Collaborative Filtering Recommendation Systems	Oren Shlomo Somekh, Michal Aharon, Shahar Golan, Noa Avigdor-Elgrabli, Dana Drachsler-Cohen	Sep 17, 2015	14857258	Mar 6, 2018	9910898
1923	US	Weighted Pseudo-Random Digital Content Selection	Shahar Golan, Oren Shlomo Somekh, Michal Aharon	Dec 22, 2015	14979085		
1924	US	Decentralized Cards Platform for Showing Contextual Cards in a Stream	Michael Plasmeier, Paul Montoy-Wilson, Bernat Fortet Unanue, Narayanan Krishnan, Abhay Gupta, Mark Daiss	Dec 21, 2015	14977390		
1925	US	Method to Automatically Update a Homescreen	Michael Plasmeier	Oct 23, 2015	14921983	Dec 31, 2019	10521070
1926	US	Method to Automatically Update a Homescreen	Michael Plasmeier	Dec 30, 2019	16729792		
1927	US	Computerized System And Method For Formatted Transcription Of Multimedia Content	Amanda Stent, Aasish Pappu	Sep 2, 2015	14843185	Jun 25, 2019	10332506

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1928	US	Computerized System And Method For Formatted Transcription Of Multimedia Content	Amanda Stent, Aasish Pappu	Jun 24, 2019	16449731		
1929	US	Computerized System and Method for Automatically Extracting GIFS from Videos	Yale Song, Alejandro Jaimes	Nov 5, 2015	14933397	Oct 24, 2017	9799373
1930	US	Computerized System and Method for Automatically Extracting GIFS from Videos	Yale Song, Alejandro Jaimes	Oct 23, 2017	15791124		
1931	US	Identifying Users' Identity Through Tracking Common Activity	Zhen Xia, Datong Chen, Musen Wen, Liang Wang	Sep 15, 2015	14854726	Jul 14, 2020	10715612
1932	US	Video Content Deep Diving	Parameswaran Thrissur Krishnamoorthy	Mar 28, 2016	15082334	Aug 13, 2019	10382823
1933	US	Video Content Deep Diving	Parameswaran Thrissur Krishnamoorthy	Aug 12, 2019	16538126		
1934	US	Method and System for Tracking Events in Distributed High-	Haiyan Luo, Yi Mao, Herve Marcellini, John Cheng	Dec 15, 2015	14969558		
1935	US	Computerized System And Method For Determining Media Based On Selected Motion Video Inputs	Robert Stein, Shuyu Ke, Gustav Zwickson	Oct 7, 2015	14877201	Jul 10, 2018	10021459
1936	US	Display screen with a graphical user interface for a media application	Robert Stein, Shuyu Ke	Oct 12, 2015	29542178	Oct 31, 2017	D801356
1937	US	Display Screen With Graphical User Interface	Robert Stein, Shuyu Ke, Gustav Zwickson	Oct 12, 2015	29542172	Dec 13, 2016	D774056

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1938	US	Computerized System And Method For Determining Media Based On Selected Motion Video Inputs	Robert Stein, Shuyu Ke, Gustav Zwickson	Jul 5, 2018	16027603	Nov 19, 2019	10484745
1939	US	Computerized System And Method For Determining Media Based On Selected Motion Video Inputs	Robert Stein, Shuyu Ke, Gustav Zwickson	Nov 8, 2019	16678332		
1940	US	Computerized System and Method for Automatically Creating and Applying a Filter to Alter the Display of Rendered Media	Robert Stein, Vinay Pulim, Tony Ke	Oct 19, 2015	14886645	Feb 27, 2018	9905200
1941	US	Computerized System and Method for Automatically Creating and Applying a Filter to Alter the Display of Rendered Media	Tony Ke, Robert Stein, Vinay Pulim	Feb 7, 2018	15890394	Apr 14, 2020	10621954
1942	US	Computerized System And Method For Determining Applications On A Device For Serving Media	Robert Stein, Shuyu Ke, Vinay Pulim	Oct 5, 2015	14875048		
1943	US	System and Method of Content Selection Using Selection Activity in Digital Media	Varun Bhagwan, Suhas Sadanandan, Robert Sharp	Mar 18, 2016	15074585		
1944	US	On-Line Content Sampling	Kevin J Lang, Edo Liberty, Konstantin Shmakov	Dec 31, 2015	14986180	Jun 16, 2020	10685066
1945	US	System and Method For User Model based on App	Ayman Farahat, Tarun Bhatia	Dec 29, 2015	14982997		

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1946	US	Location-Based Recommendations Using Nearest Neighbors In A Locality Sensitive Hashing	Aasish Pappu, Amanda Stent	Nov 20, 2015	14948213	Dec 31, 2019	10521413
1947	US	Location-Based Recommendations Using Nearest Neighbors In A Locality Sensitive Hashing	Aasish Pappu, Amanda Stent	Dec 30, 2019	16729802		
1948	US	User Subscription to Content	David Leroy, Suhas Sadanandan, Kevin Day	Jul 18, 2016	15212383	Apr 9, 2019	10257299
1949	US	User Subscription to Content	David Leroy, Suhas Sadanandan, Kevin Day	Apr 8, 2019	16377347	Jun 23, 2020	10693985
1950	US	User Subscription to Content	David Leroy, Suhas Sadanandan, Kevin Day	Apr 8, 2019	16377362	Jul 7, 2020	10708375
1951	US	User Subscription to Content	David Leroy, Suhas Sadanandan, Kevin Day	Apr 8, 2019	16377370		
1952	US	Computerized System And Method For Automatically Identifying And Providing Digital Content Based On Physical Geographic Location Data	Vijay Mahadevan, Sachin Sudhakar Farfade, Jay Kiran Mahadeokar, Ayyappan Arasu, Venkat Barakam, Ayman Kaheel	Mar 7, 2017	15451819		
1953	US	Weather presentation	Prashant Ramarao, Arunkumar Balasubramanian	Nov 20, 2015	14946882	Oct 31, 2017	9807550

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1954	US	Preview of Compressed File Email Attachments	Aditya Bandi, Mayukh Bhaowal, Niketh Sabbineni, Ashwik Battu, Prachi Pundeer, Ajay Narang, Kevin Patel	Nov 18, 2015	14945415	Apr 14, 2020	10623354
1955	US	User Interface Generation	Amol Ghanekar, John Peng, Bharadhwaj Narayanan, David Miller, Arun Autuchirayll	Oct 15, 2015	14883900	Oct 29, 2019	10459992
1956	US	Query-Goal-Mission Structures	Xing Yi, Zhen Yue, Alyssa Owara, Shuguang Han	Dec 30, 2015	14984172	Dec 4, 2018	10146815
1957	US	Query-Goal-Mission Structures	Xing Yi, Zhen Yue, Alyssa Owara, Shuguang Han	Dec 3, 2018	16207761		
1958	US	Mobile Searches Utilizing a Query-Goal-Mission Structure	Xing Yi, Zhen Yue, Alyssa Owara, Zhigeng Geng	Dec 30, 2015	14984357	Sep 8, 2020	10769547
1959	US	Enforcing Anonymity in the Auditing of Electronic Documents	Liane Lewin-Eytan, Dotan Di Castro, Eyal Zohar, Yoelle Maarek, Ran Wolff, Robert Sharp	Dec 15, 2015	14969201	Feb 11, 2020	10558822
1960	US	Orientation Selection	Zordius Chen	Nov 16, 2015	14941924		
1961	US	Methods And Systems For Generating And Providing Immersive 3D Displays	Sarah Facin, Roy Rodenhauser, Jonathan Delefortrie, Andreas Jud	Sep 10, 2015	14850050		

233

Count	COUNTRY	TITLE	INVENTORS	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
1962	US	Filtering Machine For Sponsored Content	Ke Zhou, Miriam Redi, Mounia Lalmas, Puneet Mohan Sangal	Dec 30, 2015	14984853		
1963	US	User Action Prediction	Nikolay Laptev, Xiaokui Shu	Sep 9, 2015	14849008	May 5, 2020	10643141
1964	US	Sub-Account Management	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Aug 31, 2017	15692149	Mar 17, 2020	10592543
1965	US	Scalable and Effective Document Summarization Framework	Yashar Mehdad, Amanda Stent, Kapil Thadani, Dragomir Radev, Youssef Billawala	Feb 9, 2016	15019646	Aug 7, 2018	10042924
1966	US	Scalable and Effective Document Summarization Framework	Yashar Mehdad, Amanda Stent, Kapil Thadani, Dragomir Radev, Youssef Billawala	Aug 6, 2018	16055575	Apr 9, 2019	10255356
1967	US	Scalable and Effective Document Summarization Framework	Yashar Mehdad, Amanda Stent, Kapil Thadani, Dragomir Radev, Youssef Billawala	Apr 8, 2019	16377525	Oct 20, 2020	10810242
1968	US	Method And System For Distributed Machine Learning	Andrew Feng, Erik Ordentlich, Lee Yang, Peter Cnudde	Apr 14, 2016	15098415	Sep 29, 2020	10789545
1969	US	Method And System For Distributed Machine Learning	Andrew Feng, Erik Ordentlich, Lee Yang, Peter Cnudde	Aug 28, 2020	17005592		

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1970	US	User classification based upon images	Sanjeev Jagannatha Rao, Kristjan Jonsson, Daniel Tasse	Oct 6, 2015	14875943	Jul 11, 2017	9704045
1971	US	User Classification Based Upon Images	Kristjan Jonsson, Sanjeev Jagannatha Rao, Daniel Tasse	Jun 30, 2017	15638997	Feb 4, 2020	10552682
1972	US	Method and System for Recommending Content	Shiyu Chang, Jiliang Tang, Dawei Yin, Yi Chang	Dec 30, 2015	14983663		
1973	US	Computerized System And Method For Augmenting Search Terms For Increased Efficiency And Effectiveness In Identifying Content	Varun Bhagwan, Mihajlo Grbovic, Robert Sharp, Vladan Radosavljevic, Nemanja Djuric, Blake Carpenter	Dec 30, 2015	14984300		
1974	US	Building Profiles for Clusters with Smart Union of Individual Profiles	Kalyan Kanuri, Wendell Baker, Alvaro Mendez, Gergely Timar	Aug 31, 2016	15253062		
1975	US	Method and System for Automatically Generating and Completing a Task	Prateeksha Uday Chandraghatgi, Conrad Wai, Scott Gaffney	Oct 5, 2015	14874512		
1976	US	Method and System for Online Task Exchange	Prateeksha Uday Chandraghatgi, Conrad Wai, Scott Gaffney	Oct 5, 2015	14874528		
1977	US	Scalable Conflict Detection in Transaction Management	Edward Bortnikov, Ohad Shacham, Idit Keidar	Feb 1, 2016	15012250		

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1978	US	Method and System for Entity Extraction and Disambiguation	Daozheng Chen, Guillaume Le Chenadec, Sanika Shirwadkar, Ralph Rabbat, Prateeksha Uday Chandraghatgi	Oct 5, 2015	14874814		
1979	US	Region of Search Based on Context	Paul Yiu, Narayanan Krishnan, Suju Rajan	Sep 25, 2015	14866382	Apr 14, 2020	10621257
1980	US	Programmatic Native Rendering of Structured Content	Shuai Li, Jorge Pintado, Pablo Pons Bordes, Timothy Su	Sep 25, 2015	14866388	May 5, 2020	10643023
1981	US	Method and System for Updating an Intent Space And Estimating Intent Based on an Intent Space	Zornitsa Kozareva, Scott Gaffney	Oct 5, 2015	14874543	Jan 21, 2020	10540666
1982	US	Location-Sensitive Ranking for Search and Related Techniques	Changsung Kang, Yuening Hu, Dawei Yin, Yi Chang	Sep 28, 2015	14868135	Mar 17, 2020	10592514
1983	US	Methods, Systems and Techniques for Providing Search Query Suggestions Based on Non-Personal Data and User Personal Data According to Availability of User Personal Data	Shenhong Zhu, Donahue Sze, Hang Su, Huming Wu, Hui Wu, Jim Gan, Xiaobing Han, Mingtian Liu, Scott Gaffney, Yuan Zhang	Oct 5, 2015	14874996		

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1984	US	Methods, Systems and Techniques for Personalized Search Query Suggestions	Shenhong Zhu, Donahue Sze, Hang Su, Huming Wu, Hui Wu, Jim Gan, Xiaobing Han, Mingtian Liu, Scott Gaffney, Yuan Zhang	Oct 5, 2015	14875034		
1985	US	Methods, Systems and Techniques for Ranking Personalized and Generic Search Query Suggestions	Shenhong Zhu, Donahue Sze, Hang Su, Huming Wu, Hui Wu, Jim Gan, Xiaobing Han, Mingtian Liu, Scott Gaffney, Yuan Zhang	Oct 5, 2015	14875072		
1986	US	Method and System for Generating a Knowledge Representation	Amlan Haldar	Oct 5, 2015	14874768		
1987	US	Auto Extraction of Tasks from Unstructured Communications such as	Prateeksha Uday Chandraghatgi, Abhay Gupta, Ralph Rabbat	Sep 25, 2015	14866508		
1988	US	Privacy Aware Sharing Implicit and Explicit Personal Preferences for Group	Jonathan Paris	Sep 25, 2015	14866505		
1989	US	Method and System for Intent-Driven Searching	Jonathan Paris, Reiner Kraft	Oct 5, 2015	14874547	May 21, 2019	10296647
1990	US	Method and System for Intent-Driven Searching	Jonathan Paris, Reiner Kraft	Apr 19, 2019	16389027		
1991	US	Method and System for Classifying a Question	Zornitsa Kozareva, Scott Gaffney	Oct 5, 2015	14874926	Oct 23, 2018	10110544
1992	US	Method and System for Providing Synthetic Answers to a Personal Question	Zornitsa Kozareva, Scott Gaffney	Oct 5, 2015	14874852		

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1993	US	Method and System for Classifying a Question	Zornitsa Kozareva, Scott Gaffney	Aug 20, 2018	16105046	Jul 28, 2020	10728203
1994	US	Predicting Locations for Web Pages and Related Techniques	Yuening Hu, Changsung Kang, Dawei Yin, Yi Chang	Sep 28, 2015	14868154	Mar 10, 2020	10585960
1995	US	Method and System for Rewriting a Query	Jiliang Tang, Dawei Yin, Hongbo Deng, Timothy Daly, Chao Tan, Jean-Marc Langlois, Yi Chang	Apr 15, 2016	15130217		
1996	US	Method and System for Associating Data from Different Sources to Generate a Person-Centric	Nachi Nachiappan, Jimmy Phan, Amritashwar Lal, Su Chan	Oct 5, 2015	14874566	Sep 17, 2019	10417206
1997	US	Method and System for Searching in a Person-Centric Space	Nachi Nachiappan, Jimmy Phan, Amritashwar Lal, Su Chan	Oct 5, 2015	14874576		
1998	US	Method and System for Associating Data from Different Sources to Generate a Person-Centric	Nachi Nachiappan, Jimmy Phan, Amritashwar Lal, Su Chan	Aug 12, 2019	16538201		
1999	US	Method and System for Generating a Card Based on Intent	Abhay Gupta, Scott Gaffney, Zornitsa Kozareva	Oct 5, 2015	14874627	Sep 19, 2017	9767400
2000	US	Method and System for Dynamically Generating a	Abhay Gupta	Oct 5, 2015	14874598	Mar 24, 2020	10601747
2001	US	Method and System for Dynamically Generating a	Abhay Gupta	Feb 21, 2020	16797335		

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2002	US	Continuity of Experience Card for Index	Jesse Chor	Sep 28, 2015	14867755		
2003	US	Methods, Systems and Techniques for Blending Online Content from Multiple Disparate Content Sources Including a Personal Content Source or a Semi-	Scott Gaffney, Suju Rajan, Liangjie Hong, Nan Liu	Oct 5, 2015	14875186		
2004	US	Methods, Systems and Techniques for Ranking Blended Content Retrieved from Multiple Disparate	Suju Rajan, Liangjie Hong, Nan Liu, Scott Gaffney	Oct 5, 2015	14875219	Aug 20, 2019	10387432
2005	US	Methods, Systems and Techniques for Ranking Blended Content Retrieved from Multiple Disparate	Suju Rajan, Liangjie Hong, Nan Liu, Scott Gaffney	Jul 12, 2019	16510042		
2006	US	Method and System for Merging Data	Bhautik Joshi, Peter Welch, Ayan Ray	Nov 24, 2015	14949932	Apr 28, 2020	10635672
2007	US	Personalized Audio Introduction and Summary of Result Sets for Users	Jonathan Paris	Sep 25, 2015	14866514	Jun 2, 2020	10671665
2008	US	Virtual Chat Rooms	Cedric Beust	May 23, 2016	15161672	Oct 16, 2018	10104025
2009	US	Virtual Chat Rooms	Cedric Beust	Oct 15, 2018	16159913	Aug 6, 2019	10374989
2010	US	Virtual Chat Rooms	Cedric Beust	Aug 5, 2019	16531415	Oct 6, 2020	10798034
2011	US	Computerized System And Method For Determining And Communicating Media Content To A User Based On A Physical Location Of The	Lyndon Kennedy, Vikas Kumar, David Shamma, Saeideh Bakhshi	Dec 15, 2015	14969795	Nov 27, 2018	10142396

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2012	US	Computerized System And Method For Determining And Communicating Media Content To A User Based On A Physical Location Of The	Lyndon Kennedy, Vikas Kumar, David Shamma, Saeideh Bakhshi	Nov 21, 2018	16197493	May 12, 2020	10652311
2013	US	Subscription Transfer	Varun Bhagwan, Robert Sharp	Nov 4, 2016	15343928		
2014	US	Alternate page determination for a	Pasha Sadri, Jonathan Trevor	Sep 12, 2011	13230681	May 26, 2015	9043434
2015	US	Alternate page determination for a	Pasha Sadri, Jonathan Trevor	May 22, 2015	14720298	Oct 17, 2017	9792382
2016	US	Pointer Activity As An Indicator Of Interestingness In Video	Paloma de Juan Gonzalez, Yale Song, Gloria Zen	Jan 28, 2016	15008711	Feb 11, 2020	10560742
2017	US	Method and System for Providing Advertisements Based on Semantic	Hao Cheng, Ben Shahshahani	Nov 12, 2015	14938956		
2018	US	Content-based video representation	Paloma de Juan Gonzalez	Feb 9, 2016	15019934	Jul 24, 2018	10032081
2019	US	Method and System for Automatic Formality Classification	Joel Tetreault, Ellie Pavlick	Dec 23, 2015	14757446	Aug 11, 2020	10740573
2020	US	Method and System for Automatic Formality Classification	Joel Tetreault, Ellie Pavlick	Jul 5, 2020	16929203		
2021	US	Method and System for Automatic Formality Transformation	Joel Tetreault, Ellie Pavlick	Dec 23, 2015	14757423	Jul 9, 2019	10346546

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2022	US	Computerized system and method for modifying a message to apply security features to the message's content	Edo Liberty, Yoelle Maarek	Dec 31, 2015	14985844	Nov 13, 2018	10129197
2023	US	COMPUTERIZED SYSTEM AND METHOD FOR MODIFYING A MESSAGE TO APPLY SECURITY FEATURES TO THE MESSAGE'S	Edo Liberty, Yoelle Maarek	Nov 9, 2018	16186402		
2024	US	Method And System For Presenting Personalized Products Based On Digital Signage For Electronic Commerce	Jen-Hao Hsiao, Shih-Ying Chen	May 23, 2016	15162022	Jun 2, 2020	10672055
2025	US	Electronic Message Composition Support Method and Apparatus	Joel Tetreault, Aasish Pappu, Edo Liberty, Liangliang Cao, Meizhu Liu, Ellie Pavlick, Gilad Tsur, Yoelle Maarek	Mar 3, 2016	15059596	Jan 29, 2019	10193833
2026	US	Electronic Message Composition Support Method and Apparatus	Joel Tetreault, Aasish Pappu, Edo Liberty, Liangliang Cao, Meizhu Liu, Ellie Pavlick, Gilad Tsur, Yoelle Maarek	Jan 28, 2019	16258783		
2027	US	Content Prefetching and Cache Management.	Bart Thomee	Dec 29, 2015	14982136	Apr 14, 2020	10623517
2028	US	Content Presentation Using a Device Set	Bart Thomee	Jun 1, 2016	15170249	Aug 18, 2020	10749969

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2029	US	Automatic Electronic Message Content Rating Method And Apparatus	Varun Bhagwan, Robert Sharp, Suhas Sadanandan, Sindhuja Sridharan	Oct 4, 2016	15285166	Sep 29, 2020	10791084
2030	US	Automated Connection Of Electronic Messaging And Social Networking Services Method And Apparatus	Varun Bhagwan, Robert Sharp, Suhas Sadanandan, Sindhuja Sridharan	Aug 16, 2016	15238278	Oct 1, 2019	10432571
2031	US	Automated Connection Of Electronic Messaging And Social Networking Services Method And Apparatus	Varun Bhagwan, Robert Sharp, Suhas Sadanandan, Sindhuja Sridharan	Sep 25, 2019	16581976		
2032	US	Target Webpage	Richard Hansen	Mar 23, 2016	15078163	Jul 2, 2019	10341417
2033	US	Target Webpage	Richard Hansen	Jul 1, 2019	16459311		
2034	US	Method And System For Interacting With A Touch	Jeffrey Bargmann	Dec 30, 2015	14983762		
2035	US	Method and System for Digital Signature-based Adjustable One-time	Payman Mohassel, Juan Garay, Xiong Fan	Mar 8, 2016	15063752	Oct 29, 2019	10461932
2036	US	Onboarding Feature Cues	Utkarsh Shrivastava, Mark Nachazel, Murali Krishna Bachhu, Christopher Royer, Keren Baruch, Friedhold Seyfert	Nov 30, 2015	14954010		
2037	US	Computerized System and Method for Optimizing the Display of Electronic Content Card Information when Providing Users Digital	Nadav Golbandi, Xing Yi, Liangjie Hong	May 26, 2016	15165557	May 26, 2020	10664484

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2038	US	Overall Performance When a Subsystem Becomes Overloaded	Patrick Chan	May 11, 2016	15152428		
2039	US	System And Method For Relevance-Based Electronic Message Presentation	Liane Lewin-Eytan, David Carmel, Yoelle Maarek, Ariel Raviv, Alexander Libov, Peter Monaco	May 10, 2016	15150918	May 12, 2020	10652187
2040	US	Method And System For Ranking Content Items Based On User Engagement Signals	Xing Yi, Liangjie Hong, Yue Shi, Suju Rajan, Alyssa Owara, Zhen Yue	Jul 7, 2016	15204009		
2041	US	Method and System for User Profiling for Content Recommendation	Xiang Li, Sungjin Lee, Aasish Pappu, Yifan Hu, Amanda Stent	Mar 1, 2016	15057487		
2042	US	Automatic Video Segment Selection Method And Apparatus	Yale Song, Michael Gygli, Liangliang Cao	May 13, 2016	15154038	Mar 6, 2018	9911223
2043	US	Automatic Video Segment Selection Method And Apparatus	Yale Song, Michael Gygli, Liangliang Cao	Mar 3, 2018	15911106	Feb 18, 2020	10565771
2044	US	User Verification	Matti Oikarinen, Atte Lahtiranta	Dec 29, 2015	14982081	Dec 10, 2019	10505957
2045	US	Method and system for searching encrypted data	Payman Mohassel, Ian Miers	Feb 18, 2016	15047003	Jul 25, 2017	9715546
2046	US	Method and System for Searching Encrypted Data	Payman Mohassel, Ian Miers	May 4, 2017	15586483	Oct 9, 2018	10095776
2047	US	Method and System for Searching Encrypted Data	Ian Miers, Payman Mohassel	Aug 29, 2018	16115685	Aug 11, 2020	10740366

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2048	US	Method and System for Searching Encrypted Data	Payman Mohassel, Ian Miers	Sep 21, 2018	16137593		
2049	US	Search Across Multiple User Interfaces	Friedhold Seyfert, Murali Krishna Bachhu, Prasad Thondamuthur Vasanth, Laxmi Phalak	May 24, 2016	15163224	Feb 11, 2020	10558676
2050	US	Method And System For Providing Query Suggestions	Yuan Zhang, Zhongqiang Chen, Shenhong Zhu	May 2, 2016	15144196	Nov 5, 2019	10467291
2051	US	Controlling Access to a Shared Resource	Jay Hobson, Derek Wang	Dec 29, 2016	15393856	Dec 10, 2019	10503671
2052	US	Generic Card Feature Extraction Based on Card Rendering as an Image	Nadav Golbandi, Uri Schonfeld	Jun 22, 2016	15190030	Jun 11, 2019	10318573
2053	US	Generic Card Feature Extraction Based on Card Rendering as an Image	Nadav Golbandi, Uri Schonfeld	Apr 24, 2019	16393836		
2054	US	Quality-Based Scoring and Inhibiting of User-Generated Content	Somesh Jain, Dan Pelleg, Oleg Rokhlenko, Idan Szpektor, David Carmel, Shirin Oskooi, Archit Shrivastava, Yuval David Pinter	Feb 26, 2016	15055220	Nov 26, 2019	10489712
2055	US	Quality-Based Scoring and Inhibiting of User-Generated Content	Somesh Jain, Dan Pelleg, Oleg Rokhlenko, Idan Szpektor, David Carmel, Shirin Oskooi, Archit Shrivastava, Yuval David Pinter	Nov 25, 2019	16693825		

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2056	US	Ranking Answers For On-line Community Questions	Oleg Rokhlenko, David Carmel, Idan Szpektor, Adi Omari	Jun 1, 2016	15170754	Mar 17, 2020	10592996
2057	US	Hybrid Grammatical and Ungrammatical Parsing	Naveen Sundar Govindarajulu, Nicholas Louis Cassimatis, Jonathan Scally	Aug 4, 2016	15228610	Aug 7, 2018	10042840
2058	US	Hybrid Grammatical and Ungrammatical Parsing	Naveen Sundar Govindarajulu, Nicholas Louis Cassimatis, Jonathan Scally	Aug 6, 2018	16055701	Apr 30, 2019	10275443
2059	US	Hybrid Grammatical and Ungrammatical Parsing	Naveen Sundar Govindarajulu, Nicholas Louis Cassimatis, Jonathan Scally	Apr 30, 2019	16399040	Mar 3, 2020	10579727
2060	US	Method to enrich the browser cookies' attributes by graph propagation	Liang Wang, Kuang-chih Lee, Quan Lu	Jun 17, 2016	15186019	Aug 25, 2020	10757203
2061	US	Computerized Systems And Methods For Authenticating Users On A Network Device Via Dynamically Allocated Authenticating State Machines Hosted On A	Manoj Bapuji Palki, Alice Gutman, Gabriel Maganis, Francis Hsu	Jun 30, 2016	15197806	Mar 31, 2020	10607263
2062	US	Methods and Systems for Near Real-Time Lookalike Audience Expansion in Ads Targeting	Haiyan Luo, Datong Chen, Zhen Xia, Shiyong Cheng, Yi Mao, Shu Zhang, Jiayi Wen, Connie Cheng, Herve Marcellini	May 13, 2016	15154613		

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2063	US	Real Time Parsing and Suggestions from Pre-Generated Corpus with Hypernyms	Jonathan Scally, Richard Noel Caneba, Nicholas Louis Cassimatis	May 31, 2016	15169101	May 14, 2019	10289680
2064	US	Real Time Parsing and Suggestions from Pre-Generated Corpus with Hypernyms	Jonathan Scally, Richard Noel Caneba, Nicholas Louis Cassimatis	May 13, 2019	16409938		
2065	US	Mobile Assistant	Nadav Golbandi	Apr 19, 2016	15132316		
2066	US	Method and System for Distributed Deep Machine Learning	Andrew Feng, Jun Shi, Mridul Jain, Peter Cnudde	Jan 29, 2016	15009968		
2067	US	Computerized System And Method For Modifying A Media File By Automatically Applying Security Features To Select Portions Of Media	Bart Thomee, Lyndon Kennedy, Ioannis Kalantidis	Jun 23, 2016	15190315	Nov 5, 2019	10467387
2068	US	Computerized System and Method for Modifying a Media File by Automatically Applying Security Features to Select Portions of Media	Bart Thomee, Lyndon Kennedy, Ioannis Kalantidis	Sep 19, 2019	16575977		
2069	US	Fact Machine for User Generated Content	Aasish Pappu, Sungjin Lee, Joel Tetreault, Amanda Stent	Jun 30, 2016	15198493	Sep 29, 2020	10789310
2070	US	Automatic Online Activity Abuse Report Accuracy Prediction Method And	Robin Morris	May 11, 2017	15592703		
2071	US	Video Monitoring	Lawrence Anthony Deguzman	Apr 22, 2016	15135708	Apr 9, 2019	10255082

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2072	US	Video Monitoring	Lawrence Anthony Deguzman	Apr 8, 2019	16377445	Aug 18, 2020	10747557
2073	US	Video Monitoring	Lawrence Anthony Deguzman	Aug 18, 2020	16996833		
2074	US	UDPing-Continuous One-Way Monitoring of Multiple Network Links	Ian Flint, Igor Gashinsky	Dec 29, 2016	15394008	Sep 3, 2019	10404567
2075	US	UDPing-Continuous One-Way Monitoring of Multiple Network Links	Ian Flint, Igor Gashinsky	Sep 2, 2019	16558205		
2076	US	Method And System For Concurrent Database Operation	Edward Bortnikov, Anastasia Braginsky, Eshcar Hillel, Guy Gueta, Dmitry Basin, Moshe Sulamy	Jul 20, 2016	15214901		
2077	US	Headset visual displacement for motion correction	Benoit Schillings	Sep 9, 2016	15260383	Jan 1, 2019	10169919
2078	US	Headset Visual Displacement for Motion	Benoit Schillings	Dec 31, 2018	16236667	Aug 11, 2020	10737146
2079	US	Method and System for Providing Query Suggestions	Zhongqiang Chen, Yuan Zhang, Shenhong Zhu	Aug 29, 2016	15249899		
2080	US	Content Sharing Recommendations	Bart Thomee, Andrew Stadlen, Austin Shoemaker, Ioannis Kalantidis, Daniel Tasse, David Shamma	Apr 21, 2016	15134633	Mar 31, 2020	10609183
2081	US	Computerized System And Method For Automatically Providing Networked Devices Non-Native	Nilesh Shah, Neil Anderson, Vinay Pulim	Nov 15, 2016	15351482		

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2082	US	Computerized System And Method For Automatically Sharing Device Pairing Credentials Across Multiple Devices	Neil Anderson, Roberto Osorio-Goenaga	Dec 8, 2016	15373373	Nov 13, 2018	10129231
2083	US	Computerized System And Method For Automatically Sharing Device Pairing Credentials Across Multiple Devices	Neil Anderson, Roberto Osorio-Goenaga	Oct 30, 2018	16174556	Apr 7, 2020	10616195
2084	US	Detecting Abusive Language using Character N-gram Features	Joel Tetreault, Yashar Mehdad	Jul 29, 2016	15224434		
2085	US	Automatic Fantasy Sports Data Analysis Method and Apparatus	Justin Thaler, Maxim Sviridenko, Michael Lazarus	Jun 30, 2016	15197875	Nov 5, 2019	10463975
2086	US	Automatic Fantasy Sports Data Analysis Method and Apparatus	Justin Thaler, Maxim Sviridenko, Michael Lazarus	Nov 3, 2019	16672487		
2087	US	Computerized System And Method For Automatically Detecting And Rendering Highlights From Streaming Videos	Yale Song, Jordi Vallmitjana	Apr 1, 2016	15088792	Aug 20, 2019	10390082
2088	US	Computerized System and Method for Automatically Detecting and Rendering Highlights from Streaming Videos	Yale Song, Jordi Vallmitjana	Aug 19, 2019	16543852		

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2089	US	Method And System For Multi-label Prediction	Akshay Soni, Yashar Mehdad	Aug 16, 2016	15237970		
2090	US	Commentary Generation	Joel Tetreault, Aasish Pappu	Nov 23, 2016	15359994	Aug 13, 2019	10382367
2091	US	Commentary Generation	Joel Tetreault, Aasish Pappu	Aug 12, 2019	16538150		
2092	US	Method And System For Next Word Prediction	Hang Su, Hongbo Deng, Kazuhiro Nakao, Shenhong Zhu	Sep 22, 2016	15272636	Jun 25, 2019	10333945
2093	US	Automatic Token Based Secure Content Streaming Method And Apparatus	Sudheer Vinukonda, Omer Luzzatti	Jan 18, 2017	15408713		
2094	US	Automatic Token Based Secure Content Streaming Method And Apparatus	Sudheer Vinukonda, Omer Luzzatti	Jun 21, 2019	16448537		
2095	US	Selective Content Insertion into Areas of Media Objects	Bart Thomee, Ioannis Kalantidis, Clayton Mellina, Simon Osindero	Jul 7, 2016	15204450	Jul 7, 2020	10706889
2096	US	Device Identification For Multiple Device IDS	Jon Malkin, Jinhui Liu, Lei (Jerry) Zhang, Csaba Kecskemeti, Wendell Baker	Jul 20, 2016	15215090	Apr 9, 2019	10255369
2097	US	Device Identification For Multiple Device IDS	Jon Malkin, Jinhui Liu, Lei (Jerry) Zhang, Csaba Kecskemeti, Wendell Baker	Apr 8, 2019	16377621		

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2098	US	Computerized System And Method For Automatic Highlight Detection From Live Streaming Media And Rendering Within A Specialized Media Player	Bin Ni, Yale Song, Jordi Vallmitjana, Michael Chen, Jian Zhou, Adam Mathes, Kirk Lieb, Richard Hawes, Benoit Schillings, Vahe Oughourlian, Arunkumar Balasubramanian, Hardik Ruparel, Jennelle Nystrom, Matt Edelman	Jul 13, 2016	15209051	Jun 9, 2020	10681391
2099	US	Computerized System And Method For Automatic Highlight Detection From Live Streaming Media And Rendering Within A Specialized Media Player	Bin Ni, Kirk Lieb, Richard Hawes, Yale Song, Benoit Schillings, Vahe Oughourlian, Jordi Vallmitjana, Jennelle Nystrom, Hardik Ruparel, Michael Chen, Adam Mathes, Arunkumar Balasubramanian, Jian Zhou, Matt Edelman	May 13, 2020	15930726		
2100	US	Method And System For Providing Query Suggestions Based On Personalized Spelling Correction	Kazuhiro Nakao, Shenhong Zhu, Hang Su	Sep 22, 2016	15272959		
2101	US	Method And System For Facilitating A Guided Dialog Between A User And A Conversational Agent	Sungjin Lee, Amanda Stent	Sep 9, 2016	15260596	Sep 3, 2019	10403273

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2102	US	Method and System for Facilitating a Guided Dialog Between a User and a Conversational Agent	Sungjin Lee, Amanda Stent	Jul 26, 2019	16522864	Jun 2, 2020	10672397
2103	US	Online Ranking Of Queries For Sponsored Search	Nagaraj Kota	Oct 4, 2016	15285318		
2104	US	Hybrid Classifier for Assigning Natural Language Processing (NLP) Inputs to Domains in Real-Time	Jonathan Scally, Nicholas Louis Cassimatis, Richard Noel Caneba, Naveen Sundar Govindarajulu	Aug 17, 2016	15239219	Nov 6, 2018	10120861
2105	US	Hybrid Classifier for Assigning Natural Language Processing (NLP) Inputs to Domains in Real-Time	Jonathan Scally, Nicholas Louis Cassimatis, Richard Noel Caneba, Naveen Sundar Govindarajulu	Nov 5, 2018	16180407		
2106	US	Computerized System And Method For Automatically Determining Malicious IP Clusters Using Network Activity Data	Baris Coskun	Sep 30, 2016	15281880	Jan 29, 2019	10193915
2107	US	Computerized System And Method For Automatically Determining Malicious IP Clusters Using Network Activity Data	Baris Coskun	Jan 22, 2019	16253489	Jul 7, 2020	10708288
2108	US	Home Location Identification Using Grouped	Jon Malkin, Csaba Kecskemeti	Oct 21, 2016	15331083	Sep 22, 2020	10783557
2109	US	Traveler Recommendations	Csaba Kecskemeti, Lajos Deak	Jun 10, 2016	15178667	Dec 17, 2019	10510105

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2110	US	Traveler Recommendations	Csaba Kecskemeti, Lajos Deak	Dec 16, 2019	16715120		
2111	US	Quality of Location-Related Content	Csaba Kecskemeti, Gergely Timar	Aug 8, 2016	15230731	Jul 7, 2020	10706081
2112	US	Automatic Social Media Content Timeline Summarization Method and	Dawei Yin, Jiliang Tang, Yi Chang	Jul 1, 2016	15200922	Oct 1, 2019	10430718
2113	US	Method And System For Committing Transactions In A Semi-distributed Manner	Ohad Shacham, Edward Bortnikov, Idit Keidar, Yonatan Gottesman	Oct 31, 2016	15338761	Feb 18, 2020	10565184
2114	US	Electronic Message Transmission	Varun Bhagwan	Mar 30, 2018	15941395		
2115	US	ASTS-less Block Redundant Electrical Topology with Variable UPS Walk-ins	Mozan Totani, Jeffrey Davis	Oct 31, 2016	15339830	Oct 15, 2019	10447075
2116	US	ASTS-Less Block Redundant Electrical Topology with Variable UPS Walk-ins	Mozan Totani, Jeffrey Davis	Oct 11, 2019	16599574		
2117	US	Method And System For Querying Streaming Data	Akshay Sarma, Michael Natkovich	Jun 29, 2016	15197306		
2118	US	User Profile Expansion For Personalization and Recommendation	Akshay Soni, Troy Chevalier, Yashar Mehdad	Sep 29, 2016	15280976	Sep 15, 2020	10776433
2119	US	Baseline Interest Profile For Recommendations Using A Geographic Location	Akshay Soni, Yashar Mehdad, Troy Chevalier, Srikanth Nampelli, Ashwini Bhatkhande	Sep 14, 2016	15265777	Sep 3, 2019	10404813

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2120	US	Baseline Interest Profile For Recommendations Using A Geographic Location	Akshay Soni, Yashar Mehdad, Troy Chevalier, Srikanth Nampelli, Ashwini Bhatkhande	Sep 2, 2019	16558200		
2121	US	Clustering Of Geographical Content	Csaba Kecskemeti, Robert Ormandi	Oct 24, 2016	15332838	Aug 18, 2020	10747788
2122	US	Top-K Query Processing with Conditional Skips	David Carmel, Guy Gueta, Edward Bortnikov	Nov 7, 2016	15345277	Oct 29, 2019	10459959
2123	US	Computerized System and Method for Automatically Generating and Providing Interactive Query Suggestions Within an Electronic Mail System	Liane Lewin-Eytan, Ariel Raviv, Yoelle Maarek, David Carmel, Alexander Libov, Peter Monaco	Jan 10, 2017	15402391	Oct 29, 2019	10459981
2124	US	Computerized System and Method for Automatically Generating and Providing Interactive Query Suggestions Within an Electronic Mail System	Liane Lewin-Eytan, Ariel Raviv, Yoelle Maarek, David Carmel, Alexander Libov, Peter Monaco	Sep 19, 2019	16575806		
2125	US	Scalable Multilingual Named-Entity Recognition	Yashar Mehdad, Aasish Pappu, Amanda Stent	Jan 13, 2017	15406586	Jun 30, 2020	10699077
2126	US	Managing Under- And Over-Represented Content Topics In Content Pools	Michael Wexler, Don Matheson	Dec 30, 2016	15394995		

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2127	US	Local-Search Optimization and Pricing for Rich Ad Allocation	Christopher Wilkens, Prabhakar Krishnamurthy, Maxim Sviridenko, Ruggiero Cavallo, Darja Krushevskaja	Nov 23, 2016	15360714	Aug 25, 2020	10755308
2128	US	Entity Disambiguation	Aasish Pappu, Roi Blanco, Yashar Mehdad, Amanda Stent, Kapil Thadani	Feb 6, 2017	15425978		
2129	US	Systems and Methods for Multiobjective Optimization	Nikolay Laptev, Akshay Soni, Yashar Mehdad, Jeya Balaji Balasubramanian	Mar 28, 2017	15472019		
2130	US	Multilabel Learning via Supervised Joint Embedding of Documents and Labels	Akshay Soni, Yashar Mehdad, Aasish Pappu, Vivek Kulkarni, Sheng Chen	Mar 28, 2017	15471455	Feb 4, 2020	10552501
2131	US	Methods And Systems For Processing Viewability	Ilya Slain	Jan 31, 2017	15421089		
2132	US	Methods And Systems For Monitoring Viewable Impressions Of Online	Ilya Slain	Jan 31, 2017	15421052		
2133	US	Tip Generation	Ido Guy, Avihai Mejer, Alexander Nus, Fiana Raiber, Dan Pelleg	Nov 7, 2016	15344869	Jun 25, 2019	10331719
2134	US	Tip Generation	Ido Guy, Avihai Mejer, Alexander Nus, Fiana Raiber, Dan Pelleg	Jun 24, 2019	16449886		

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2135	US	Collaborative Personalization via Simultaneous Embedding of	Akshay Soni, Yashar Mehdad, Troy Chevalier	Mar 31, 2017	15476685		
2136	US	Volume control	Andreas Rossbacher	Nov 15, 2016	15351627	May 15, 2018	9971561
2137	US	Volume Control	Andreas Rossbacher	May 14, 2018	15978580	Sep 3, 2019	10402155
2138	US	Volume Control	Andreas Rossbacher	Sep 2, 2019	16558194		
2139	US	Method And System For Classifying Network	Phil Wang, Ravikiran Meka	Dec 27, 2016	15391716	Oct 30, 2018	10116661
2140	US	Method And System For Classifying Network	Phil Wang, Ravikiran Meka	Aug 8, 2018	16057994	Jun 9, 2020	10681052
2141	US	Method And System For Classifying Network	Phil Wang, Ravikiran Meka	Aug 8, 2018	16058075		
2142	US	Method And System For Automatic Detection And Prevention Of Quality Issues In Online Experiments	Sundeep Narravula, Nirupama Appikatala, Sudhir Chauhan, Miao Chen	Dec 6, 2016	15370697		
2143	US	Video Encoding with Content Adaptive Resource Allocation	Jian Zhou, Zhonghua Ma, Michael Chen, Heri Zhao, Xumin Wu, Congxia Dai, Sagar Bhandare	Jun 16, 2017	15625009	May 28, 2019	10306250
2144	US	Video Encoding with Content Adaptive Resource Allocation	Jian Zhou, Zhonghua Ma, Michael Chen, Heri Zhao, Xumin Wu, Sagar Bhatnagar, Congxia Dai	May 24, 2019	16422000	Oct 6, 2020	10798395
2145	US	Identifying Constructive Sub-Dialogues	Courtney Cohen, Aasish Pappu, Joel Tetreault	Jan 13, 2017	15406565	Apr 21, 2020	10628737

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2146	US	Automated Image Ads	Gerald Pesavento, Sachin Sudhakar Farfade, Venkat Barakam, Ramu Adapala, Pierre Garrigues, Sripathi Ramadurai	Nov 15, 2016	15351931		
2147	US	Dynamic Scan Code Generation	Aaron Martin, David Robinson	Dec 6, 2016	15370363		
2148	US	Digital Assistant	Ankur Gupta, Timothy Daly, Chao Tan	Dec 31, 2016	15396555	Jul 2, 2019	10339926
2149	US	Digital Assistant	Timothy Daly, Chao Tan, Ankur Gupta	Jul 1, 2019	16459326	Apr 28, 2020	10636426
2150	US	Name-Based Classification Of Electronic Account Users	Yifan Hu, Junting Ye, Baris Coskun, Meizhu Liu, Steven Skiena	Jan 27, 2017	15418376	Apr 28, 2020	10636048
2151	US	Method And System For Facilitating A User-machine Conversation	Lavanya Colinjivadi Viswanathan, Michael Emery	Dec 22, 2016	15388315		
2152	US	Method And System For Adaptive Online Updating Of Ad Related Models	Amit Kagian, Michal Aharon, Oren Shlomo Somekh	Feb 15, 2017	15433030		
2153	US	Computerized System And Method For Automatically Determining And Providing Digital Content Within An Electronic Communication System	Yoelle Maarek, Dan Pelleg, Alexander Nus, Ido Guy, Idan Szpektor, Jeffrey Bonforte	Jan 31, 2017	15421033		

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2154	US	Method and System for Search Provider Selection Based on Performance Scores with Respect to each	Jin Xu, Priscilla Amirtharaj	Feb 28, 2017	15444569		
2155	US	Changing Machine Learning Classification Of Digital Content	Gabriele Tolomei, Andrew Haines, Mounia Lalmas, Fabrizio Silvestri	Feb 28, 2017	15444912		
2156	US	Machine Learning Classification Of Digital Content For Mobile Devices	Marc Bron, Mounia Lalmas, Huw Evans, Mahlon Chute, Miriam Redi, Fabrizio Silvestri	Mar 29, 2017	15473313		
2157	US	Method And System For Query Optimization	Joshua Ball	Mar 6, 2017	15450809		
2158	US	Virtual Keyboard	Joseph Kaye, Danielle Lottridge, Darren Burton, Chester Wang, Chris Yoon	Dec 29, 2016	15394159		
2159	US	Selective Orientation during Presentation of a Multidirectional Video	Zordius Chen	Jul 26, 2017	15660137	Apr 9, 2019	10257568
2160	US	Selective Orientation during Presentation of a Multidirectional Video	Zordius Chen	Apr 8, 2019	16377495	Jun 9, 2020	10681409
2161	US	Method and System for Generating a Conversational Agent by Automatic Paraphrase Generation Based on Machine	Ankur Gupta, Timothy Daly, Tularam Ban	Aug 2, 2017	15667283	Sep 24, 2019	10423665

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2162	US	Method and System for Generating a Conversational Agent by Automatic Paraphrase Generation Based on Machine	Ankur Gupta, Timothy Daly, Tularam Ban	Sep 13, 2019	16570348		
2163	US	Automatic Peer To Peer Level Of Activity Information Maintenance And Sharing Method And Apparatus	Matti Oikarinen, Mika Mannermaa, Atte Lahtiranta, Taneli Mielikainen	Apr 10, 2017	15483320	Sep 15, 2020	10778715
2164	US	Latent User Communities	Aasish Pappu, Troy Chevalier, Xue Wu	Mar 1, 2017	15446913	Dec 3, 2019	10498690
2165	US	Latent User Communities	Aasish Pappu, Troy Chevalier, Xue Wu	Dec 2, 2019	16699962		
2166	US	Online User Space Exploration for Recommendation	Liang Wang, shengjun pan, Kuang-chih Lee, Quan Lu, Junwei Pan	Mar 15, 2017	15459633	Nov 5, 2019	10467313
2167	US	Method and System for Generating a Time-Lapse Video	Bin Ni, Michael Chen, Benoit Schillings, Stephen Hodnicki	Dec 19, 2017	15846351	Jun 18, 2019	10327046
2168	US	Method and System for Generating a Time-Lapse Video	Bin Ni, Michael Chen, Benoit Schillings, Stephen Hodnicki	Jun 17, 2019	16442994		
2169	US	METHOD AND SYSTEM FOR RECOMMENDING CONTENT ITEMS TO A USER BASED ON TENSOR FACTORIZATION	Kuang-chih Lee, Shandian Zhe	Apr 5, 2017	15479337		

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2170	US	Computerized System And Method For Automatically Transforming And Providing Domain Specific Chatbot Responses	Prakhar Biyani, Siddhartha Banerjee, Konstantinos Tsioutsiouliklis	Jun 15, 2017	15623668	Dec 25, 2018	10162816
2171	US	Computerized System And Method For Automatically Transforming And Providing Domain Specific Chatbot Responses	Prakhar Biyani, Siddhartha Banerjee, Konstantinos Tsioutsiouliklis	Dec 12, 2018	16217195		
2172	US	Method And System For High Availability Topology For Master-Slave Data Systems With Low Write	Ankur Jain, Ramkartik Mulukutla	May 22, 2017	15601403	Jul 2, 2019	10341434
2173	US	Method and System for High Availability Topology for Master-Slave Data Systems with Low Write Traffic	Ankur Jain, Ramkartik Mulukutla	May 15, 2019	16412827	Jul 28, 2020	10728326
2174	US	Method and System for High Availability Topology for Master-Slave Data Systems with Low Write Traffic	Ankur Jain, Ramkartik Mulukutla	May 15, 2019	16412930		
2175	US	Method and System for Dynamic Score Floor Modeling and Application	Zhihui Xie, Kuang-chih Lee, Pradip Thachile	May 9, 2017	15590139	Jul 28, 2020	10726078
2176	US	Chat Videos	Geoffrey R. Nelson, Howard Kim, Ben Stahl	Apr 25, 2017	15496109		

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2177	US	Exploration for Search Advertising	Parikshit Shah, Ben Shahshahani, Adwait Ratnaparkhi, Ming Yang, Sachidanand Alle, Rohit Chandra	Sep 12, 2017	15702150	Jun 16, 2020	10685374
2178	US	Server Rack Integrated With Cold Air Delivery	Mozan Totani	Dec 13, 2017	15841255	May 28, 2019	10306809
2179	US	Server Rack Integrated With Cold Air Delivery	Mozan Totani	Apr 22, 2019	16390711		
2180	US	METHOD AND SYSTEM FOR PROVIDING SUBSCRIBE AND UNSUBSCRIBE RECOMMENDATIONS	Liane Lewin-Eytan, Iftah Gamzu, Natalia Silberstein, Oren Shlomo Somekh, Keren Baruch, Christopher Royer, Ian McCarthy	May 9, 2017	15590405		
2181	US	Computerized System And Method For Automatically Performing An Implicit Message Search	Liane Lewin-Eytan, Irena Grabovitch-Zuyev, Noa Avigdor-Elgrabli, Yoelle Maarek	Nov 7, 2017	15805471		
2182	US	System and Method for Automated Bidding Using Deep Neural Language	Suleyman Cetintas, Jian Yang, Ben Shahshahani	Oct 20, 2017	15789452		
2183	US	Systems and Methods for User Propensity Classification and Online	Zhihui Xie, Kuang-chih Lee, Junwei Pan	Oct 13, 2017	15783540	Jul 14, 2020	10713692
2184	US	Systems, Devices, And Methods For Content Indexing And Querying In A Search System	Edward Bortnikov, Ohad Shacham, Dmitry Basin, Gali Sheffi, Yonatan Gottesman	Oct 19, 2017	15787804	Aug 18, 2020	10747750

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2185	US	Systems, Devices, And Methods For Content Indexing And Querying In A Search System	Gali Sheffi, Edward Bortnikov, Dmitry Basin, Yonatan Gottesman, Ohad Shacham	Aug 12, 2020	16991452		
2186	US	Method and System for Detecting Fraudulent Advertisement Activity	Angus Xianen Qiu, Liang Wang, Chun Han, Jaime Morales	Oct 26, 2017	15794991		
2187	US	Method And System For Detecting Abnormal Online User Activity	Liang Wang, Angus Xianen Qiu, Chun Han, Liang Peng	Jul 21, 2017	15656411	Sep 17, 2019	10419460
2188	US	Method And System For Detecting Abnormal Online User Activity	Liang Wang, Angus Xianen Qiu, Chun Han, Liang Peng	Aug 13, 2019	16539751		
2189	US	Conversation Summary	Eric Bax	Sep 15, 2017	15705478	Jun 16, 2020	10685049
2190	US	Building User Profiles by Relevance Feedback	Rao Shen, Akshay Soni, Troy Chevalier, Xue Wu, Fan Yang	Dec 4, 2017	15831189	Jun 30, 2020	10698967
2191	US	Method And System For Managing Resource Utilization Based On Reinforcement Learning	Peter Cnudde, Jason Lowe, Nathaniel Roberts	Apr 21, 2017	15493880		
2192	US	Adaptive scoring of service requests and determining whether to fulfill service requests	Liang Wang, Angus Xianen Qiu, Chun Han, Yan Han, Ruichen (Ray) Wang	Nov 1, 2017	15800159	Jun 30, 2020	10701179

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2193	US	Computerized System and Method For Controlling Electronic Messages and Their Responses After Delivery	Natalia Silberstein, Irena Grabovitch-Zuyev, Iftah Gamzu, Noa Avigdor-Elgrabli, Yoelle Maarek, Liane Lewin-Eytan	Nov 7, 2017	15805369	Oct 22, 2019	10454869
2194	US	Computerized System and Method For Controlling Electronic Messages and Their Responses After Delivery	Natalia Silberstein, Irena Grabovitch-Zuyev, Iftah Gamzu, Noa Avigdor-Elgrabli, Yoelle Maarek, Liane Lewin-Eytan	Sep 5, 2019	16561072		
2195	US	Method and System for Detecting Data Bucket Inconsistencies for A/B Experimentation	Nirupama Appikatala, Sudhir Chauhan, Miao Chen, Chandrashekhar Shaw	Aug 15, 2017	15677917		
2196	US	Method and System for Detecting Gaps in Data Buckets for A/B Experimentation	Nirupama Appikatala, Miao Chen, Michael Natkovich, Joshua Walters	Aug 15, 2017	15677925		
2197	US	Method And System For Providing Pre-Approved A/A Data Buckets	Russell Chen, Miao Chen, Don Matheson, Mahendrasinh Ramsinh Jadav	Aug 15, 2017	15677724		
2198	US	Presenting Messages via Graphical Objects in a Graphical user Interface	Sebastian Muehl, Anthony Murphy, Frank Bentley, Bryan Wong, Danny Espinoza, Vince Magistrado	Nov 13, 2017	15810614		

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2199	US	System and Method for Top-K Searching Using Parallel Processing	Edward Bortnikov, David Carmel, Gali Sheffi, Idit Keidar, Dmitry Basin	Mar 22, 2018	15928723		
2200	US	Method and System for Identifying Fraudulent Publisher Networks	Liang Wang, Angus Xianen Qiu, Chun Han, Teppo Salonen	Oct 12, 2017	15782599		
2201	US	Preserving Contextual Relevance of Content	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Sep 29, 2017	15721550		
2202	US	Generating Options for a Task using Objectives	Eric Bax	Nov 30, 2017	15827030		
2203	US	Computerized Systems and Methods for Query Expansion Using Displayed	Ariel Raviv, Sofia Tolmach, Alexander Libov	Oct 31, 2017	15798490		
2204	US	Securing Digital Content Using Separately Authenticated Hidden	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Dec 7, 2017	15834109		
2205	US	Automated Network Account Transfers Based On Determined Inactivity	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Dec 7, 2017	15834268	Aug 11, 2020	10742757
2206	US	Automated Network Account Transfers Based On Determined Inactivity	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Aug 7, 2020	16987679		
2207	US	Publishing Message Conversations to Electronic Forums	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Nov 30, 2017	15826888		
2208	US	Tactile Feedback Array	Sukriti Chadha	Dec 1, 2017	15829037		

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2209	US	Method and System for Detecting Fraudulent User-Content Provider Pairs	Angus Xianen Qiu, Liang Wang, Liang Peng	Dec 29, 2017	15857943		
2210	US	SYSTEM AND METHOD FOR QUERY TO AD MATCHING USING DEEP NEURAL NET BASED QUERY EMBEDDING	Erik Ordentlich, Jun Shi, Andrew Feng, Milind Rao	Feb 9, 2018	15893381		
2211	US	Method and System for Matching Query to ADS Using Query Subword	Erik Ordentlich, Jun Shi, Andrew Feng, Milind Rao	Feb 9, 2018	15893424		
2212	US	System and Method for Query to ad Matching via Optimizing Input Vectors of Query Subwords	Erik Ordentlich, Jun Shi, Andrew Feng, Milind Rao	Feb 9, 2018	15893321		
2213	US	Method and System for Detecting Anomalies in Data Labels	Francis Hsu, Mridul Jain, Saurabh Tewari	Dec 29, 2017	15858001		
2214	US	Method and System for Intrusion Detection and Prevention	Jason Fesler, Dmitry Savintsev, Bishan Singh Kochar, Aditya Mahendrakar	Dec 29, 2017	15857776		
2215	US	Controlling a Graphical User Interface to Present a Message Comprising a Representation of an Item	Eric Bax	Dec 14, 2017	15841338		
2216	US	METHOD AND SYSTEM FOR REDUCING RISK VALUES DISCREPANCIES BETWEEN CATEGORIES	Liang Wang, Angus Xianen Qiu, Alan Pan	Dec 19, 2017	15846500		

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2217	US	Controlling a graphical user interface using a presentation of messages based upon predicted interactions with the	Mohit Goenka, Ashish Khushal Dharamshi, Nikita Varma	Dec 8, 2017	15835574		
2218	US	System and Method for Identifying and Replacing Slots with Variable Slots	Prakhar Biyani, Cem Akkaya, Konstantinos Tsioutsiouliklis	Feb 22, 2018	15902438		
2219	US	System and Method for Rule Based Modifications to Variable Slots Based on	Prakhar Biyani, Cem Akkaya, Konstantinos Tsioutsiouliklis	Feb 22, 2018	15902460	Sep 22, 2020	10783879
2220	US	System and Method for Rule Based Modifications to Variable Slots Based on	Prakhar Biyani, Cem Akkaya, Konstantinos Tsioutsiouliklis	Sep 21, 2020	17027173		
2221	US	Machine-In-The-Loop, Image-To-Video Computer Vision Bootstrapping	Yale Song, Guy Dassa, minho lee, Jeffrey Scholz, joao soares	Mar 30, 2018	15941437	Aug 11, 2020	10740394
2222	US	Computer Vision On Broadcast Video	minho lee, Yale Song, Guy Dassa, Jeffrey Scholz, joao soares	Feb 28, 2018	15907586		
2223	US	Transmitting Response Content Items	Eric Bax, Kimberly Williams, Lisa Giaffo, John Donald, Teppo Salonen	Feb 27, 2018	15906118		
2224	US	Computerized System And Method For In-Video Modification	Guy Dassa, Whitney Zoller	Apr 30, 2018	15967354		
2225	US	SYSTEMS AND METHODS FOR ASSESSING RISKINESS OF A DOMAIN	Liang Wang, Angus Xianen Qiu, Liang Peng, Jianlong Zhang	Apr 5, 2018	15946190	Jul 21, 2020	10721255

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2226	US	Presenting an Augmented Reality Interface	Avinash Chukka, Zeda Stone, Anthony Murphy, Herve Bizira, Richard Baba, Guenever Goik, Chetan Ankola, Bryan Wong, Josh Jacobson	Dec 15, 2017	15843780	Jun 9, 2020	10679414
2227	US	Presenting an Augmented Reality Interface	Josh Jacobson, Avinash Chukka, Zeda Stone, Anthony Murphy, Herve Bizira, Richard Baba, Guenever Goik, Chetan Ankola, Bryan Wong	Jun 8, 2020	16896110		
2228	US	Systems and Methods for Executing Feedback Actions Based Upon Vehicle Practices	Eric Bax, Kimberly Williams, Lisa Giaffo, John Donald, Teppo Salonen	Feb 27, 2018	15906218		
2229	US	SYSTEM AND METHOD FOR MODEL-AGNOSTIC META-LEARNER FOR NOISY DATA WITH LABEL ERRORS	Asgarieh Eliyar	Sep 2, 2020	17009977		
2230	US	Pruning field weights for content selection	Junwei Pan, TIAN ZHOU, Aaron Flores	Sep 22, 2020	17028162		