

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7604075

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	YAHOO AD TECH LLC (FORMERLY VERIZON MEDIA INC.)	11/17/2021
RECEIVING PARTY DATA		
Name:	YAHOO ASSETS LLC	
Street Address:	22000 AOL WAY	
City:	DULLES	
State/Country:	VIRGINIA	
Postal Code:	20166	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17971225
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
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Correspondent Name:	VENABLE LLP (VERIZON MEDIA)	
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ATTORNEY DOCKET NUMBER:	146555.569302	
NAME OF SUBMITTER:	MACKENZIE KALNITZKY	
SIGNATURE:	/Mackenzie Kalnitzky/	
DATE SIGNED:	10/21/2022	
Total Attachments: 68		
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PATENT ASSIGNMENT

This Patent Assignment ("Assignment") is effective as of October 27, 2021 ("Effective Date") by and between Yahoo Ad Tech LLC (formerly Verizon Media Inc.), a Delaware limited liability company ("Seller") and Yahoo Assets LLC, a Delaware limited liability company ("Yahoo"), Sunnyvale, CA, 94089.

WHEREAS, Yahoo and Seller have entered into that certain Contribution Agreement, dated as of October 27, 2021 (the "Agreement"), pursuant to which Seller has agreed to sell and transfer certain assets to Yahoo;

WHEREAS, Seller owns all right, title and interest in and to certain patents, patent applications and/or other patent rights, including, without limitation, those listed in Exhibit 1 of this Assignment; and

WHEREAS, Seller desires to assign to Yahoo, and Yahoo desires to receive, all of Seller'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, Seller and Yahoo, intending to be legally bound hereby, agree as follows:

- (A) Seller hereby irrevocably transfers, conveys, assigns and delivers to Yahoo, and Yahoo hereby accepts:
- (1) all of Seller'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 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) Seller agrees, without further compensation, upon the request of Yahoo (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 Yahoo;
- in each case (1), (2) and (3), as may be necessary or appropriate, in the opinion of Yahoo, to convey, establish, evidence, maintain, protect, defend and enforce Yahoo's rights in the Assigned Patents or otherwise related to securing and enforcing Yahoo's rights under this Assignment; and Seller hereby irrevocably appoints Yahoo and any of its officers as Seller's attorney in fact to undertake such acts in Seller's name.
- (C) Seller agrees to deliver to Yahoo accurate copies of all material correspondence with counsel, in Seller'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) Seller 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 Yahoo.
- (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 contract, 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 as of the date set forth below.

For Yahoo Ad Tech LLC by: [Signature]

Signature

Matthew Garber

Name

November 17, 2021

Date

Notary Seal:



For Yahoo Assets LLC by: [Signature]

Signature

Matthew Garber

Name

November 17, 2021

Date

Notary Seal:



Notarial Certificate

In the County of Loudoun, for the Commonwealth of Virginia

The foregoing instrument was acknowledged before me on November 17 2021 by Matthew W. Garber, on behalf of Yahoo Ad Tech LLC and Yahoo Assets LLC, and authorized to sign on behalf of these companies.

[Signature]
Andres E. Lorca, Notary Public

Notary Registration Number: 7270854

My commission expires: November 30, 2025

Exhibit 1
Schedule of Assigned Patents

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Method And System For Managing Digital Content, Including Streaming Media	Issued	US95001794	10/26/11		2/11/15
US	Display Screen With Transitional Graphical User Interface For A Content Digest	Issued	US29585790	11/29/16	USD867390	11/19/19
US	Display Screen With Animated Graphical User Interface	Issued	US29548691	12/16/15	USD769933	10/25/16
US	Display Screen With A Graphical User Interface For A Media Application	Issued	US29542178	10/12/15	USD801356	10/31/17
US	Display Screen With Graphical User Interface	Issued	US29542172	10/12/15	USD774056	12/13/16
US	Display Screen With Graphical User Interface Of A Menu For A News Digest	Issued	US29502113	9/11/14	USD761833	7/19/16
US	Display Screen With Graphical User Interface	Issued	US29480857	1/30/14	USD757032	5/24/16
US	Display Screen With An Animated Graphical User Interface	Issued	US29480844	1/30/14	USD746859	1/5/16
US	Animated Graphical User Interface For A Display Screen Or Portion Thereof	Issued	US29478382	1/3/14	USD760792	7/5/16
US	Animated Graphical User Interface For A Display Screen Or Portion Thereof	Issued	US29478380	1/3/14	USD760791	7/5/16
US	Display Screen With Transitional Graphical User Interface For A Content Digest	Issued	US29478368	1/3/14	USD775183	12/27/16
US	Display Screen Or Portion Thereof With Transitional Graphical User Interface	Issued	US29449283	3/14/13	USD754185	4/19/16
US	Portion Of A Display Screen With Graphical User Interface	Issued	US29447038	2/28/13	USD740854	10/13/15
US	Display Screen Portion With Graphical User Interface	Issued	US29434893	10/17/12	USD740299	10/6/15
US	Display Screen With A Graphical User Interface	Issued	US29422580	5/22/12	USD709906	7/29/14
US	Computer Display Screen With A Transitional Graphical User Interface	Issued	US29416512	3/22/12	USD728589S1	5/5/15
US	Portion Of A Display Screen With A Graphical User Interface	Issued	US29403826	10/11/11	USD738391	9/8/15

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Portion Of A Display Screen With A Graphical User Interface	Issued	US29403733	10/10/11	USD737290	8/25/15
US	Portion Of A Display Screen With A Graphical User Interface	Issued	US29403732	10/10/11	USD737289	8/25/15
US	Portion Of A Display Screen With A Graphical User Interface	Issued	US29403731	10/10/11	USD736224	8/11/15
US	Portion Of A Display Screen With A Graphical User Interface	Issued	US29387271	3/10/11	USD664977	8/7/12
US	Portion Of A Display Screen With A Graphical User Interface	Issued	US29387270	3/10/11	USD664976	8/7/12
US	Display Apparatus Including A Computer Generated Icon	Issued	US29376570	10/8/10	USD803227S1	11/21/17
US	User Interface For A Computer Display	Issued	US29343903	9/21/09	USD628209	11/30/10
US	Graphic User Interface For Displaying Content Selections On A Display Panel	Issued	US29333228	3/4/09	USD638025	5/17/11
US	User Interface For A Portion Of A Computing Device Display Screen	Issued	US29329353	12/12/08	USD607006	12/29/09
US	Toolbar For User Interface On A Display Screen	Issued	US29329352	12/12/08	USD612393	3/23/10
US	Toolbar For A User Interface On A Display Screen	Issued	US29329349	12/12/08	USD611948	3/16/10
US	Toolbar For A User Interface For A Display Screen	Issued	US29329348	12/12/08	USD638026	5/17/11
US	Computer User Interface For A Display Screen	Issued	US29327852	11/14/08	USD611490S1	3/9/10
US	Graphical User Interface For Computer Screen	Issued	US29326011	10/9/08	USD605656S1	12/8/09
US	Graphical User Interface For Computer Screen	Issued	US29326010	10/9/08	USD605655S1	12/8/09
US	Graphical User Interface For Computer Screen	Issued	US29326009	10/9/08	USD605654S1	12/8/09
US	Display Of Fantasy Sports Confidence Scores	Issued	US29323284	8/21/08	USD615885S1	5/18/10
US	Graphical User Interface For A Display Screen	Issued	US29323208	8/20/08	USD619594	7/13/10
US	Graphical User Interface For A Display Screen	Issued	US29322623	8/7/08	USD613747	4/13/10
US	Computer User Interface For A Display Screen	Issued	US29320982	7/8/08	USD597552S1	8/4/09
US	Computer User Interface For A Display Screen	Issued	US29320981	7/8/08	USD609716S1	2/9/10

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Computer User Interface For A Display Screen	Issued	US29320980	7/8/08	USD609242S1	2/2/10
US	Graphical User Interface For A Display Screen	Issued	US29319816	6/16/08	USD622280	8/24/10
US	Transitional Computer User Interface For A Display Screen	Issued	US29318056	5/12/08	USD624089S1	9/21/10
US	Transitional Computer User Interface For A Display Screen	Issued	US29317719	5/5/08	USD621850S1	8/17/10
US	Coupon Clipper Interface For A Display Panel	Issued	US29306613	4/11/08	USD604306	11/17/09
US	Transitional User Interface For A Computer Display	Issued	US29305574	3/24/08	USD586363	2/10/09
US	Computer User Interface For A Display Screen	Issued	US29305541	3/22/08	USD590414S1	4/14/09
US	Computer User Interface For A Display Screen	Issued	US29305540	3/22/08	USD598929S1	8/25/09
US	Computer User Interface For A Display Screen	Issued	US29305539	3/22/08	USD589971S1	4/7/09
US	Computer User Interface For A Display Screen	Issued	US29305538	3/22/08	USD589970	4/7/09
US	Computer User Interface For A Display Screen	Issued	US29305537	3/22/08	USD592675S1	5/19/09
US	Computer User Interface For A Display Screen	Issued	US29305536	3/22/08	USD588604S1	3/17/09
US	Computer User Interface For A Display Screen	Issued	US29305535	3/22/08	USD590413S1	4/14/09
US	Graphical User Interface Bar For A Display Screen	Issued	US29304741	3/6/08	USD603420S1	11/3/09
US	Graphical User Interface For A Display Screen	Issued	US29304740	3/6/08	US603418A	5/3/1898
US	Graphical User Interface For Displaying Content Selections On A Display Panel	Issued	US29299467	12/27/07	USD590412	4/14/09
US	Graphical User Interface For Computer Screen	Issued	US29299268	12/20/07	USD612860S1	3/30/10
US	Graphical Icon For A Computer Display	Issued	US29299267	12/20/07	USD587726S1	3/3/09
US	Graphical User Interface For Displaying Contacts	Issued	US29299128	12/19/07	USD590411	4/14/09
US	Graphical User Interface For A Display Panel	Issued	US29299126	12/19/07	USD607004	12/29/09
US	Display Panel With Graphical User Interface For Navigating Content	Issued	US29296164	10/15/07	USD595728	7/7/09
US	Graphical User Interface For Computer Screen	Issued	US29295643	10/2/07	USD602943S1	10/27/09
US	Graphical User Interface For Computer Screen	Issued	US29295642	10/2/07	US603419A	5/3/1898
US	Graphical User Interface	Issued	US29295599	10/2/07	USD592221S1	5/12/09

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	For Computer Screen					
US	Graphical User Interface For Computer Screen	Issued	US29295597	10/2/07	USD596642S1	7/21/09
US	Portion Of A Display Panel With An Icon Image For Displaying Content	Issued	US29295338	9/26/07	USD589527	3/31/09
US	Display Panel For Display Of Fantasy Sports Team Roster Data Trends	Issued	US29293437	11/21/07	USD594464	6/16/09
US	Display Panel For Display Of Fantasy Sports Player Transaction Data	Issued	US29293425	11/21/07	USD594012	6/9/09
US	Screen With A Transitional Graphical User Interface For A Video Inbox	Issued	US29284903	9/18/07	USD593114	5/26/09
US	Graphical User Interface For Computer Screen	Issued	US29284388	9/6/07	USD601153S1	9/29/09
US	Graphical User Interface For Computer Screen	Issued	US29284387	9/6/07	USD591306S1	4/28/09
US	Graphical User Interface For A Display Screen	Issued	US29284051	8/29/07	USD607002	12/29/09
US	Graphical User Interface For A Display Screen	Issued	US29284050	8/29/07	USD596644	7/21/09
US	Graphical User Interface For A Display Screen	Issued	US29284049	8/29/07	USD611055	3/2/10
US	Computerized System And Method For Optimizing Delivery Of Digital Messages	Pending	US17490272	9/30/21		
US	Computerized System And Method For Performing Parameterization Of Columns In A Virtual Semantic Layer	Pending	US17488363	9/29/21		
US	System And Method For Generating Relevant Sets Of Results Using Datasets	Pending	US17483256	9/23/21		
US	Temporal Clustering Of Non-Stationary Data	Pending	US17477779	9/17/21		
US	Computerized System And Method For Automatic Moderation Of Online Content	Pending	US17475710	9/15/21		
US	Negative Signal Probability Determination And Content Item Selection	Pending	US17473024	9/13/21		
US	SYSTEM AND METHOD FOR BOUNDING MEANS OF DISCRETE-VALUED DISTRIBUTIONS	Pending	US17470677	9/9/21		
US	Method And System For Providing Pre-Approved A/A Data Buckets	Pending	US17467127	9/3/21		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Learning From Cross-Modal Behavior Dynamics With Graph-Regularized Neural Contextual Bandit	Pending	US17466879	9/3/21		
US	Synchronization Of Streaming Content Using Live Edge Offsets	Pending	US17460813	8/30/21		
US	System And Method For Self-Destructing Messages	Pending	US17459677	8/27/21		
US	Computerized System And Method For Multi-Factor Message Classification And Delivery	Pending	US17458727	8/27/21		
US	Systems And Methods For Memory Management In Big Data Applications	Pending	US17412548	8/26/21		
US	Performing Operations Based Upon Activity Patterns	Pending	US17409722	8/23/21		
US	Email Frequency And Consolidation Assistant	Pending	US17382776	7/22/21		
US	Systems And Methods For Electronic Signing Of Electronic Content Requests	Pending	US17374518	7/13/21		
US	Computerized Systems And Methods For Graph Data Modeling	Pending	US17363252	6/30/21		
US	Preserving Contextual Relevance Of Content	Pending	US17353458	6/21/21		
US	Public Content Validation And Presentation Method And Apparatus	Pending	US17352547	6/21/21		
US	Generation And Presentation Of Summary List Based Upon Article	Pending	US17350080	6/17/21		
US	Managing Electronic Addresses Based On Communication Patterns	Pending	US17345054	6/11/21		
US	System And Method For Identifying Approximate K-Nearest Neighbors In Web Scale Clustering	Pending	US17344694	6/10/21		
US	System And Method For Identifying Approximate K-Nearest Neighbors In Web Scale Clustering	Pending	US17344652	6/10/21		
US	Location-Based Content System For Mobile Applications	Pending	US17337592	6/3/21		
US	System And Method For Obtaining Raw Event Embedding And	Pending	US17331810	5/27/21		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Applications Thereof					
US	Method and system for selecting payment option for transaction	Pending	US17330866	5/26/21		
US	Performance Metric Prediction And Content Item Text Suggestion Based Upon Content Item Text	Pending	US17314137	5/7/21		
US	Rendering Near-Real-Time Embedding Models For Personalized News Recommendations	Pending	US17313698	5/6/21		
US	Method And System For Presenting A Search Result In A Search Result Card	Pending	US17307448	5/4/21		
US	Method And System For Sponsored Search Results Placement In A Search Results Page	Pending	US17241563	4/27/21		
US	Audience Feedback For Large Streaming Events	Pending	US17241172	4/27/21		
US	Computerized System And Method For Distilled Deep Prediction For Personalized Stream Ranking	Pending	US17236450	4/21/21		
US	Automatic Electronic Message Content Extraction Method And Apparatus	Pending	US17226746	4/9/21		
US	Mining Email Inboxes For Suggesting Actions	Pending	US17223233	4/6/21		
US	Systems And Methods For Improved Web-Based Document Retrieval And Object Manipulation	Pending	US17218304	3/31/21		
US	System And Method For Fine-Grained Event Detection And Content Hosting Therefrom	Pending	US17211055	3/24/21		
US	Coalition Network Identification Using Iterative Process	Pending	US17203251	3/16/21		
US	Computerized System And Method For Increasing, Retaining And Maintaining Network User Resource Sessions	Pending	US17199884	3/12/21		
US	Debiasing Training Data Based Upon Information Seeking Behaviors	Pending	US17192947	3/5/21		
US	Systems And Methods For Processing Electronic Transactions Based On	Pending	US17183854	2/24/21		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Consumer Characteristics					
US	Systems And Methods For Establishing Sender-Level Trust In Communications Using Sender-Recipient Pair Data	Pending	US17183787	2/24/21		
US	Computerized System And Method For Automatically Detecting And Rendering Highlights From Streaming Videos	Pending	US17174594	2/12/21		
US	Computerized System And Method For Extracting Entity Information From Text Communications And Displaying Content Based Therefrom	Pending	US17174517	2/12/21		
US	Systems And Methods For Improved Web Searching	Pending	US17174491	2/12/21		
US	Hierarchy Aware Graph Representation Learning	Pending	US17173379	2/11/21		
US	Automatic Privacy-Aware Machine Learning Method And Apparatus	Pending	US17172679	2/10/21		
US	Automatic Machine Learning Model Evaluation	Pending	US17168227	2/5/21		
US	Coalition Network Identification Using Charges Assigned To Particles	Pending	US17168222	2/5/21		
US	Automated Model Update Pipeline	Pending	US17164947	2/2/21		
US	Securing Digital Content Using Separately Authenticated Hidden Folders	Pending	US17157214	1/25/21		
US	Time-Preserving Embeddings	Pending	US17157071	1/25/21		
US	Time Series Trend Root Cause Identification	Pending	US17156990	1/25/21		
US	Automatic Electronic Message Filtering Method And Apparatus	Pending	US17152277	1/19/21		
US	Computerized System And Method For Multi-Class, Multi-Label Classification Of Electronic Messages	Pending	US17143251	1/7/21		
US	Raw Text Structuring With Language Models	Pending	US17138148	12/30/20		
US	Generic Card Feature Extraction Based On Card Rendering As An Image	Pending	US17135933	12/28/20		
US	Systems And Methods For	Pending	US17122849	12/15/20		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Dynamic Partitioning In Distributed Environments					
US	Oversampling For Imbalanced Test Data	Pending	US17107574	11/30/20		
US	Automated Materialized View Table Generation And Maintenance	Pending	US17095155	11/11/20		
US	System And Method For Deep Customized Neural Networks For Time Series Forecasting	Pending	US17083093	10/28/20		
US	System And Method For Deep Enriched Neural Networks For Time Series Forecasting	Pending	US17083020	10/28/20		
US	Systems And Methods For Identifying A Returning Web Client	Pending	US17075460	10/20/20		
US	Systems And Methods For Rendering Unified And Real-Time User Interest Profiles	Pending	US17072849	10/16/20		
US	Method And System For Intrusion Detection And Prevention	Pending	US17068469	10/12/20		
US	Video Encoding With Content Adaptive Resource Allocation	Pending	US17062980	10/5/20		
US	System And Method For Automatic Storyline Construction Based On Determined Breaking News	Pending	US17062895	10/5/20		
US	Classifier Validation	Pending	US17034427	9/28/20		
US	Computerized System And Method For Collaborative Electronic Document Creation	Pending	US17029316	9/23/20		
US	Pruning Field Weights For Content Selection	Pending	US17028162	9/22/20		
US	System And Method For Rule Based Modifications To Variable Slots Based On Context	Pending	US17027173	9/21/20		
US	Systems And Methods For Unsupervised Neologism Normalization Of Electronic Content Using Embedding Space Mapping	Pending	US17021824	9/15/20		
US	Similarity Profile Generation And User Profile Modification	Pending	US17019484	9/14/20		
US	Method And System For The	Issued	US17012567	9/4/20	US11178095	11/16/21

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Analysis Of User Content And Interaction To Define A Call To Action					
US	System And Method For Model-Agnostic Meta-Learner For Noisy Data With Label Errors	Pending	US17009977	9/2/20		
US	Computerized System And Method For Automatically Generating Original Memes For Insertion Into Modified Messages	Pending	US17007183	8/31/20		
US	Video Monitoring	Issued	US16996833	8/18/20	US11113078	9/7/21
US	Systems And Methods For Network Traffic Analysis	Pending	US16995347	8/17/20		
US	Machine Learning And Validation Of Account Names, Addresses, And/Or Identifiers	Pending	US16994221	8/14/20		
US	Automated Network Account Transfers Based On Determined Inactivity	Pending	US16987679	8/7/20		
US	Network Based Enforcement Of Geographical Compliance	Issued	US16983134	8/3/20	US11076267	7/27/21
US	System And Method For Ensemble Expert Diversification Via Bidding And Control Thereof	Pending	US16944503	7/31/20		
US	System And Method For Ensemble Expert Diversification And Control Thereof	Pending	US16944459	7/31/20		
US	System And Method For Ensemble Expert Diversification Via Bidding	Pending	US16944415	7/31/20		
US	System And Method For Ensemble Expert Diversification	Pending	US16944324	7/31/20		
US	System And Method For Entity Detection In Machine Generated Messages	Pending	US16942865	7/30/20		
US	Fantasy Sports Data Analysis For Game Structure Development	Pending	US16939700	7/27/20		
US	Systems And Methods For Assessing Riskiness Of A Domain	Pending	US16935038	7/21/20		
US	Computerized System And Method For An Interactive Online Learning Experience	Pending	US16930389	7/16/20		
US	Method And System For	Pending	US16929203	7/5/20		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Automatic Formality Classification					
US	Content Recommendations Based Upon Historical Future Data	Pending	US16928308	7/14/20		
US	Decentralized Method And System For Accurately Determining A Level Of Activity Of A Client Device	Pending	US16921002	7/6/20		
US	Method And System For Dynamic Latent Vector Allocation	Pending	US16919690	7/2/20		
US	Personalization Techniques Using Image Clouds	Pending	US16906762	6/19/20		
US	Systems And Methods For Adaptive Online User Profiles	Pending	US16904021	6/17/20		
US	User Cross-Domain Actions Prediction Through Dual-Knowledge Information	Pending	US16884151	5/27/20		
US	Automatic Schema Upgrade In A Big Data Pipeline	Pending	US16881982	5/22/20		
US	Parallel Audit Cycles Between Primary And Secondary Event Feeds	Pending	US16881947	5/22/20		
US	Pluggable Join Framework For Stream Processing	Pending	US16881883	5/22/20		
US	Partitioned Backing Store Implemented In A Distributed Database	Pending	US16881833	5/22/20		
US	Certifying Events In A Streaming Pipeline	Pending	US16881751	5/22/20		
US	Duplicate Detection And Replay To Ensure Exactly-Once Delivery In A Streaming Pipeline	Pending	US16881631	5/22/20		
US	Blitz Topology : Joining And Dimensional Annotation	Pending	US16881512	5/22/20		
US	Streaming Data Pipeline With Batch Performance	Pending	US16881302	5/22/20		
US	Exactly-Once Performance From A Streaming Pipeline In A Fault-Vulnerable System	Pending	US16881257	5/22/20		
US	Displaying Messaging Interfaces Based Upon Email Conversations	Pending	US16859572	4/27/20		
US	Coalition Network Identification Using Iterative Process	Issued	US16845355	4/10/20	US10949269	3/16/21

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Coalition Network Identification	Pending	US16845313	4/10/20		
US	Learning From Cross-Modal Behavior Dynamics With Graph-Regularized Neural Contextual Bandit	Issued	US16839436	4/3/20	US11113745	9/7/21
US	Salted Jensen-Shannon For Distributional Similarity	Pending	US16835871	3/31/20		
US	Deep Learning Based Approach For Coupon Extraction	Issued	US16829440	3/25/20	US11188746	11/30/21
US	Transfer Knowledge Among Multi-Lingual Ecommerce Recommender System	Pending	US16826545	3/23/20		
US	Systems And Methods For Multimodal Multilabel Tagging Of Video	Issued	US16806544	3/2/20	US10965999	3/30/21
US	Content Recommendation Based Upon Continuity And Grouping Information Of Attributes	Pending	US16800504	2/25/20		
US	Automated Presentation Of Information Using Infographics	Pending	US16798758	2/24/20		
US	Method And System For Dynamically Generating A Card	Pending	US16797335	2/21/20		
US	Method And System For Identifying And Delivering Enriched Content	Issued	US16790992	2/14/20	US11042693	6/22/21
US	Search Across Multiple User Interfaces	Pending	US16786961	2/10/20		
US	Computerized System And Method For Multi-Factor Message Classification And Delivery	Issued	US16774044	1/28/20	US11108710	8/31/21
US	Systems And Methods For Electronic Signing Of Electronic Content Requests	Issued	US16742521	1/14/20	US11089054	8/10/21
US	Method And System For Displaying Email Messages	Pending	US16740658	1/13/20		
US	Systems And Methods For Analyzing Network Data To Identify Human And Non-Human Users In Network Communications	Pending	US16740098	1/10/20		
US	Systems And Method For Performing Contextual Classification Using Supervised And Unsupervised Training	Pending	US16737581	1/8/20		
US	Generating Validity Scores	Pending	US16731117	12/31/19		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Of Content Items					
US	Cost Optimized Services For Dynamic Service Levels	Issued	US16731109	12/31/19	US10776172	9/15/20
US	Content Item Selection	Issued	US16731108	12/31/19	US11182390	11/23/21
US	Data Structure To Array Conversion	Pending	US16730910	12/30/19		
US	Automatic Digital Content Captioning Using Spatial Relationships Method And Apparatus	Pending	US16729982	12/30/19		
US	Online Active Learning In User-Generated Content Streams	Pending	US16729813	12/30/19		
US	Network Based Enforcement Of Geographical Compliance	Issued	US16728067	12/27/19	US10735910	8/4/20
US	Network Based Rendering And Hosting Systems And Methods Utilizing An Aggregator	Pending	US16728035	12/27/19		
US	Network Based Provision Of Rendering And Hosting Systems	Pending	US16728010	12/27/19		
US	Sorting Unsorted Rows Of A Composite Dataset After A Join Operation	Pending	US16727261	12/26/19		
US	Generating Full Metadata From Partial Distributed Metadata	Pending	US16727219	12/26/19		
US	Tree-Like Metadata Structure For Composite Datasets	Pending	US16727172	12/26/19		
US	Horizontal Skimming Of Composite Datasets	Pending	US16727142	12/26/19		
US	Annotating Datasets Without Redundant Copying	Pending	US16727096	12/26/19		
US	Replacing Database Table Join Keys With Index Keys	Pending	US16727060	12/26/19		
US	Method And System For Literacy Adaptive Content Personalization	Pending	US16726548	12/24/19		
US	Prioritizing Items From Different Categories In A News Stream	Pending	US16724997	12/23/19		
US	Inductive Matrix Completion And Graph Proximity For Content Item Recommendation	Pending	US16724949	12/23/19		
US	Content Item Selection For Goal Achievement	Pending	US16716537	12/17/19		
US	Traveler Recommendations	Pending	US16715120	12/16/19		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Output Device Control	Pending	US16715098	12/16/19		
US	Method And System Of Personalized Blending For Content Recommendation	Pending	US16712278	12/12/19		
US	Method And System For Measuring User Engagement With Content Items	Pending	US16710179	12/11/19		
US	Personalized Search Filter And Notification System	Pending	US16707020	12/9/19		
US	Location-Awareness Search Assistance System And Method	Pending	US16705670	12/6/19		
US	Latent User Communities	Pending	US16699962	12/2/19		
US	Quality-Based Scoring And Inhibiting Of User-Generated Content	Pending	US16693825	11/25/19		
US	Systems And Methods For Processing And Organizing Electronic Content	Pending	US16685716	11/15/19		
US	Systems And Methods For Voice Rendering Of Machine-Generated Electronic Messages	Pending	US16685522	11/15/19		
US	System And Method For Social Filtering Of Comments	Pending	US16681880	11/13/19		
US	Method And System For Sketch Based Search	Pending	US16681223	11/12/19		
US	Systems And Methods For Caching And Serving Dynamic Content	Issued	US16678437	11/8/19	US11140211	10/5/21
US	Automatic Fantasy Sports Data Analysis Method And Apparatus	Issued	US16672487	11/3/19	US10967281	4/6/21
US	Systems And Methods For Generating Search Results Based On Optical Character Recognition Techniques And Machine-Encoded Text	Pending	US16657201	10/18/19		
US	Method And System For Data Mining	Pending	US16597173	10/9/19		
US	Conversion Score Determination For Trending And Non-Trending Content	Pending	US16595859	10/8/19		
US	Systems And Methods For Identifying A Returning Web Client	Issued	US16586211	9/27/19	US10848598	11/24/20
US	Systems And Methods For Managing Online Identity Authentication Risk In A Nuanced Identity System	Pending	US16585358	9/27/19		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Automated Connection Of Electronic Messaging And Social Networking Services Method And Apparatus	Issued	US16581976	9/25/19	US11044222	6/22/21
US	Computerized System And Method For Automatically Generating And Providing Interactive Query Suggestions Within An Electronic Mail System	Pending	US16575806	9/19/19		
US	Method And System For Data Recovery In A Data System	Pending	US16574823	9/18/19		
US	Incremental Data Processing	Pending	US16564034	9/9/19		
US	Computerized System And Method For Controlling Electronic Messages And Their Responses After Delivery	Issued	US16561072	9/5/19	US11140113	10/5/21
US	Baseline Interest Profile For Recommendations Using A Geographic Location	Issued	US16558200	9/2/19	US10834211	11/10/20
US	Computerized System And Method For Creating And Communicating Graphical Messages	Issued	US16550366	8/26/19	US10866690	12/15/20
US	Method And System For Secure Data Sharing	Pending	US16547011	8/21/19		
US	Smart Content Pre-Loading On Client Devices	Issued	US16544123	8/19/19	US10909208	2/2/21
US	Method And Apparatus Of Analyzing Social Network Data To Identify A Financial Market Trend	Pending	US16543888	8/19/19		
US	Computerized System And Method For Automatically Detecting And Rendering Highlights From Streaming Videos	Issued	US16543852	8/19/19	US10924800	2/16/21
US	Model Training Framework	Pending	US16541751	8/15/19		
US	Method And System For Associating Data From Different Sources To Generate A Person-Centric Space	Pending	US16538201	8/12/19		
US	Commentary Generation	Issued	US16538150	8/12/19	US10931604	2/23/21
US	Video Content Deep Diving	Issued	US16538126	8/12/19	US11070887	7/20/21
US	Locale Of Interest Identification	Pending	US16538074	8/12/19		
US	System And Method For Managing A Virtual Studio	Pending	US16536522	8/9/19		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Systems And Methods For Improved Web-Based Document Retrieval And Object Manipulation	Issued	US16534686	8/7/19	US10997266	5/4/21
US	Automatic Web Browsing In Electronic Messaging Interface Method And Apparatus	Pending	US16531371	8/5/19		
US	Computerized System And Method For Providing A Modified Viewport Inbox Display	Issued	US16528842	8/1/19	US11095595	8/17/21
US	Method And System For Privacy Based Search	Pending	US16513372	7/16/19		
US	Method And System For Encrypted Searching	Pending	US16513320	7/16/19		
US	Methods, Systems And Techniques For Ranking Blended Content Retrieved From Multiple Disparate Content Sources	Issued	US16510042	7/12/19	US11080287	8/3/21
US	Techniques For Modeling Aggregation Records	Pending	US16504661	7/8/19		
US	Systems And Methods For Generating Travel-Related Recommendations Using Electronic Communication Data	Pending	US16502911	7/3/19		
US	Tracking User Interaction With A Stream Of Content	Pending	US16459338	7/1/19		
US	Mining Email Inboxes For Suggesting Actions	Issued	US16451478	6/25/19	US10977261	4/13/21
US	Method And System For Providing Context Based Query Suggestions	Pending	US16451062	6/25/19		
US	Tip Generation	Pending	US16449886	6/24/19		
US	Suggesting Queries Based Upon Keywords	Pending	US16448132	6/21/19		
US	Computerized System And Method For Email Search Assist Optimization	Issued	US16446787	6/20/19	US11138280	10/5/21
US	Ranking User Comments On Media Using Reinforcement Learning Optimizing For Session Dwell Time	Pending	US16446480	6/19/19		
US	Syndication Of Slideshow Content Through A Web Feed	Pending	US16444947	6/18/19		
US	System And Method For Large-Scale Multi-Label Learning Using Incomplete Label Assignments	Pending	US16439855	6/13/19		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Automatic Threshold Determination	Issued	US16426235	5/30/19	US11102228	8/24/21
US	Method And System For Content Bias Detection	Pending	US16426138	5/30/19		
US	Video Encoding With Content Adaptive Resource Allocation	Issued	US16422000	5/24/19	US10798395	10/6/20
US	Content Subject Suggestions	Issued	US16421983	5/24/19	US10929469	2/23/21
US	Personalized Content Delivery System	Pending	US16420811	5/23/19		
US	System And Method For Generating And Applying Message Templates Based On Machine Generated Messages	Issued	US16417971	5/21/19	US10764223	9/1/20
US	Method And System For Generating Recommendations	Pending	US16417781	5/21/19		
US	System And Method For Contextual Mail Recommendations	Issued	US16417683	5/21/19	US10897445	1/19/21
US	Method And System For High Availability Topology For Master-Slave Data Systems With Low Write Traffic	Issued	US16412930	5/15/19	US10812586	10/20/20
US	Method And System For High Availability Topology For Master-Slave Data Systems With Low Write Traffic	Issued	US16412827	5/15/19	US10728326	7/28/20
US	Real Time Parsing And Suggestions From Pre-Generated Corpus With Hypernyms	Issued	US16409938	5/13/19	US10885283	1/5/21
US	Automatic Electronic Message Filtering Method And Apparatus	Issued	US16405143	5/7/19	US10897444	1/19/21
US	Systems And Methods For Generating Recommendations Based On Online History Information And Geospatial Data	Issued	US16404112	5/6/19	US11068959	7/20/21
US	Hybrid Grammatical And Ungrammatical Parsing	Issued	US16399040	4/30/19	US10579727	3/3/20
US	Audio Verification	Issued	US16398940	4/30/19	US10855676	12/1/20
US	System And Method For Summarizing A Multimedia Content Item	Pending	US16398828	4/30/19		
US	Integrating Rich Media Into A Web-Based Display Interface	Issued	US16394352	4/25/19	US11080658	8/3/21

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Generic Card Feature Extraction Based On Card Rendering As An Image	Issued	US16393836	4/24/19	US10878023	12/29/20
US	Method And System For Intent-Driven Searching	Pending	US16389027	4/19/19		
US	Scalable And Effective Document Summarization Framework	Issued	US16377525	4/8/19	US10810242	10/20/20
US	Video Monitoring	Issued	US16377445	4/8/19	US10747557	8/18/20
US	Providing A System With Access To A Resource Using A Disposable Email Address	Pending	US16374008	4/3/19		
US	Computerized Systems And Methods For Graph Data Modeling	Issued	US16373109	4/2/19	US11080904	8/3/21
US	Application Identification Using Network Traffic	Issued	US16372854	4/2/19	US10862782	12/8/20
US	Computerized System And Method For Optimizing Delivery Of Digital Messages	Issued	US16370909	3/30/19	US11140103	10/5/21
US	Systems And Methods For Efficient Electronic Message Storage And Retrieval	Issued	US16365830	3/27/19	US10949449	3/16/21
US	Systems And Methods For Implementing Automated Barriers And Delays For Communication	Pending	US16363413	3/25/19		
US	User Interface For Displaying And Monitoring User Interaction With Synthesized Content	Pending	US16361578	3/22/19		
US	Determining Sentiment Of Content And Selecting Content Items For Transmission To Devices	Issued	US16360140	3/21/19	US11106746	8/31/21
US	Temporal Clustering Of Non-Stationary Data	Issued	US16358942	3/20/19	US11126666	9/21/21
US	Method And System For Group Communication Across Electronic Mail Users And Feature Phone Users	Pending	US16287359	2/27/19		
US	Automatic Electronic Message Data Analysis Method And Apparatus	Pending	US16284342	2/25/19		
US	Systems And Methods For Providing Recommendations And Explanations	Issued	US16284294	2/25/19	US10972559	4/6/21
US	Method And System For Causing A Browser To Preload Web Page Components	Pending	US16281321	2/21/19		
US	Generating Congruous	Pending	US16281158	2/21/19		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Metadata For Multimedia					
US	Future Event Detection And Notification	Pending	US16278670	2/18/19		
US	Fantasy Sports Data Analysis For Game Structure Development	Issued	US16276855	2/15/19	US10722799	7/28/20
US	Fantasy Sports Data Analysis For Game Structure Development	Issued	US16276723	2/15/19	US10786738	9/29/20
US	Automatic Electronic Message Content Extraction Method And Apparatus	Issued	US16272285	2/11/19	US10977289	4/13/21
US	Computerized System And Method For Display Of Modified Machine-Generated Messages	Issued	US16272118	2/11/19	US11138265	10/5/21
US	System And Method For Email Message Following From A User'S Inbox	Issued	US16271942	2/11/19	US10567325	2/18/20
US	Presentation Of Organized Personal And Public Data Using Communication Mediums	Issued	US16266429	2/4/19	US11102156	8/24/21
US	Method And System For Scheduling Transactions In A Data System	Issued	US16266144	2/4/19	US11086657	8/10/21
US	Graphical Management Of Big Data Pipelines	Pending	US16259075	1/28/19		
US	Electronic Message Composition Support Method And Apparatus	Pending	US16258783	1/28/19		
US	Systems And Methods For Hyper Parameter Optimization For Improved Machine Learning Ensembles	Pending	US16257368	1/25/19		
US	Computerized System And Method For Automatically Determining Malicious Ip Clusters Using Network Activity Data	Issued	US16253489	1/22/19	US10708288	7/7/20
US	Classifying A Portion Of User Contact Data Into Local Contacts	Pending	US16239632	1/4/19		
US	Method And System For A Configurable Storage Engine	Pending	US16235319	12/28/18		
US	Method And System For Data Indexing And Reporting	Pending	US16235295	12/28/18		
US	Performing Operations Based Upon Activity	Issued	US16233564	12/27/18	US11102315	8/24/21

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Patterns					
US	Template Generation Using Directed Acyclic Word Graphs	Pending	US16232107	12/26/18		
US	Automatic Canonical Digital Image Selection Method And Apparatus	Issued	US16228834	12/21/18	US10896355	1/19/21
US	Computerized System And Method For A Mail Integrated Content Delivery And Alert System	Pending	US16225514	12/19/18		
US	Selective Streaming Of Video Segments Based On Buffer Data And Download Rate Range	Pending	US16225194	12/19/18		
US	Performing Entity Actions Using Email Interfaces	Pending	US16220034	12/14/18		
US	Generating Presentations Based Upon Articles	Pending	US16216180	12/11/18		
US	Communication With Service Providers Using Disposable Email Accounts	Pending	US16215721	12/11/18		
US	Stage-Based Content Item Selection And Transmission	Issued	US16214842	12/10/18	US11019379	5/25/21
US	Evaluating Email Activity	Pending	US16210155	12/5/18		
US	Subscription-Based Message Selection And Transmission	Pending	US16210116	12/5/18		
US	Query-Goal-Mission Structures	Pending	US16207761	12/3/18		
US	Systems And Methods For Network Traffic Analysis	Issued	US16205919	11/30/18	US10778711	9/15/20
US	Systems And Methods For Dynamic Partitioning In Distributed Environments	Issued	US16198133	11/21/18	US11080099	8/3/21
US	Enhanced Favorites Service For Web Browsers And Web Applications	Pending	US16197688	11/21/18		
US	Displaying Complex Messaging Threads Into A Single Display	Issued	US16188796	11/13/18	US10692046	6/23/20
US	Computerized System And Method For Modifying A Message To Apply Security Features To The Message'S Content	Issued	US16186402	11/9/18	US10862843	12/8/20
US	Decentralized Method And System For Accurately Determining A Level Of Activity Of A Client Device	Issued	US16185205	11/9/18	US10708373	7/7/20
US	Contextual Application Tracking	Pending	US16183805	11/8/18		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Hybrid Classifier For Assigning Natural Language Processing (Nlp) Inputs To Domains In Real-Time	Issued	US16180407	11/5/18	US10997370	5/4/21
US	Computerized System And Method For Extracting Entity Information From Text Communications And Displaying Content Based Therefrom	Issued	US16175983	10/31/18	US10922359	2/16/21
US	Systems And Methods For Unsupervised Neologism Normalization Of Electronic Content Using Embedding Space Mapping	Issued	US16175533	10/30/18	US10810373	10/20/20
US	Computerized System And Method For Digital Content Extraction And Propagation In Html Messages	Issued	US16158744	10/12/18	US10616161B1	4/7/20
US	Transmitting Content Items Using Search History Profiles	Issued	US16158656	10/12/18	US11144605	10/12/21
US	Automatic Analysis Of Digital Messaging Content Method And Apparatus	Pending	US16158564	10/12/18		
US	Email Frequency And Consolidation Assistant	Issued	US16154849	10/9/18	US11075872	7/27/21
US	Topical Based Media Content Summarization System And Method	Issued	US16151588	10/4/18	US10769208	9/8/20
US	Displaying Messaging Interfaces Based Upon Email Conversations	Issued	US16148388	10/1/18	US10637815	4/28/20
US	System And Method For Triaging In A Message System On Send Flow	Issued	US16147655	9/29/18	US10873553	12/22/20
US	Systems And Methods For Establishing Sender-Level Trust In Communications Using Sender-Recipient Pair Data	Issued	US16146224	9/28/18	US10965691	3/30/21
US	System And Method For Learning Scene Embeddings Via Visual Semantics And Application Thereof	Pending	US16142155	9/26/18		
US	Multi-Touch Gesture Search	Pending	US16139298	9/24/18		
US	Method And System For Filtering Content	Allowed	US16132629	9/17/18		
US	System And Method For Privacy-Aware Information Extraction And Validation	Issued	US16129890	9/13/18	US10599871	3/24/20
US	Systems And Methods For	Issued	US16124840	9/7/18	US10623829	4/14/20

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Multimodal Multilabel Tagging Of Video					
US	Systems And Methods For Syndicated Distribution Of Electronic Content	Issued	US16119043	8/31/18	US11190585	11/30/21
US	Presenting Meeting Options Associated With Trips	Pending	US16118968	8/31/18		
US	Method And System For Detecting And Preventing Abuse Of An Application Interface	Pending	US16111305	8/24/18		
US	Method And System For Classifying A Question	Issued	US16105046	8/20/18	US10728203	7/28/20
US	Method And System For Classifying Network Requests	Issued	US16058075	8/8/18	US10812489	10/20/20
US	Method And System For Classifying Network Requests	Issued	US16057994	8/8/18	US10681052	6/9/20
US	Computerized System And Method For Search Query Auto-Completion	Issued	US16057319	8/7/18	US10885076	1/5/21
US	Presenting Content Of An Application	Pending	US16055783	8/6/18		
US	Hybrid Grammatical And Ungrammatical Parsing	Issued	US16055701	8/6/18	US10275443	4/30/19
US	Scalable And Effective Document Summarization Framework	Issued	US16055575	8/6/18	US10255356	4/9/19
US	System And Method For Providing Users Feedback Regarding Their Reading Habits	Issued	US16046236	7/26/18	US10885271	1/5/21
US	Language Selection System	Issued	US16044716	7/25/18	US11017181	5/25/21
US	Systems And Methods For Caching And Serving Dynamic Content	Issued	US16042322	7/23/18	US10498797	12/3/19
US	System And Method For Relationship Identification	Issued	US16041073	7/20/18	US10902350	1/26/21
US	Prioritizing Items From Different Categories In A News Stream	Issued	US16038134	7/17/18	US10515130	12/24/19
US	System And Method For Providing Users Feedback Regarding Their Reading Habits	Issued	US16037015	7/17/18	US10721292	7/21/20
US	Media Forums For Managing Mobile Generated User Content And Associations To Articles	Issued	US16026940	7/3/18	US10534853	1/14/20
US	Remote Mobile Profile Detection And Modification	Pending	US16026439	7/3/18		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Incremental Data Processing	Issued	US16025345	7/2/18	US10409774	9/10/19
US	Method And System For Presenting A Search Result In A Search Result Card	Issued	US16018450	6/26/18	US11003678	5/11/21
US	Media Content Enrichment Using An Adapted Object Detector	Issued	US16016137	6/22/18	US10176364	1/8/19
US	Collectively Performing Domain Searches And Trademark Searches	Issued	US16011731	6/19/18	US10956516	3/23/21
US	Recommending Contents Using A Base Profile	Pending	US16010567	6/18/18		
US	Method And System For Providing A User Agent String Database	Pending	US16007029	6/13/18		
US	Displaying Videos Based Upon Selectable Inputs Associated With Tags	Issued	US16006076	6/12/18	US11100164	8/24/21
US	Smart Content Pre-Loading On Client Devices	Issued	US15997677	6/4/18	US10387523	8/20/19
US	Address Extraction From A Communication	Issued	US15990616	5/26/18	US11157875	10/26/21
US	Method And System For Mapping Notable Entities To Their Social Profiles	Issued	US15989670	5/25/18	US10846310	11/24/20
US	Image Cropping	Issued	US15979316	5/14/18	US11188780	11/30/21
US	Device Interfacing	Issued	US15978612	5/14/18	US10810148	10/20/20
US	Online Active Learning In User-Generated Content Streams	Issued	US15973130	5/7/18	US10523610	12/31/19
US	Computerized System And Method For Automatically Generating High-Quality Digital Content Thumbnails From Digital Video	Issued	US15972851	5/7/18	US10832738	11/10/20
US	Systems And Methods For Future Event Recommendation	Pending	US15968853	5/2/18		
US	Dynamic Streaming Content Provided By Server And Client-Side Tracking Application	Issued	US15966457	4/30/18	US10769353	9/8/20
US	Content Recommendations	Pending	US15966425	4/30/18		
US	Adjusting Recipients Of A Message	Issued	US15965956	4/29/18	US10686742	6/16/20
US	Reducing Query Ambiguity Using Graph Matching	Issued	US15961158	4/24/18	US10872080	12/22/20
US	System And Method For Editing Dynamically Aggregated Data	Issued	US15957045	4/19/18	US10891303	1/12/21

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	System And Method For Performing Device Updates	Issued	US15956066	4/18/18	US11010150	5/18/21
US	Systems And Methods For Multi-Dimensional Electronic Content Performance Predictor And Decision Automation	Pending	US15955410	4/17/18		
US	Content-Adaptive Digital Content Adjustment Method And System	Issued	US15947237	4/6/18	US10623784	4/14/20
US	Systems And Methods For Assessing Riskiness Of A Domain	Issued	US15946190	4/5/18	US10721255	7/21/20
US	Enhanced Personalization In Multi-User Devices	Issued	US15941813	3/30/18	US10929758	2/23/21
US	Electronic Message Transmission	Issued	US15941395	3/30/18	US11151991	10/19/21
US	Location-Based Content System For Mobile Applications	Issued	US15938462	3/28/18	US11038823	6/15/21
US	Computerized System And Method For Automatic Highlight Detection From Live Streaming Media And Rendering Within A Specialized Media Player	Pending	US15930726	5/13/20		
US	Automated Presentation Of Information Using Infographics	Issued	US15917058	3/9/18	US10545976	1/28/20
US	Method And Apparatus For Automatically Summarizing The Contents Of Electronic Documents	Issued	US15915656	3/8/18	US10599721	3/24/20
US	Personalization Of News Articles Based On News Sources	Issued	US15914903	3/7/18	US11036744	6/15/21
US	Triggering Method For Instant Search	Issued	US15908123	2/28/18	US10552438	2/4/20
US	System And Method For Rule Based Modifications To Variable Slots Based On Context	Issued	US15902460	2/22/18	US10783879	9/22/20
US	System And Method For Identifying And Replacing Slots With Variable Slots	Issued	US15902438	2/22/18	US11030400	6/8/21
US	On Demand Passwords	Issued	US15900691	2/20/18	US10581835	3/3/20
US	Machine Learning And Validation Of Account Names, Addresses, And/Or Identifiers	Issued	US15895520	2/13/18	US10789537	9/29/20
US	System And Method For Email Message Following	Issued	US15878593	1/24/18	US10212117	2/19/19

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	From A User'S Inbox					
US	Spam Filtering And Person Profiles	Issued	US15865042	1/8/18	US10911383	2/2/21
US	Output Device Control	Issued	US15858328	12/29/17	US10509552	12/17/19
US	Method And System For Detecting Anomalies In Data Labels	Pending	US15858001	12/29/17		
US	Method And System For Intrusion Detection And Prevention	Issued	US15857776	12/29/17	US10805271	10/13/20
US	Controlling A Graphical User Interface To Present A Message Comprising A Representation Of An Item	Pending	US15841338	12/14/17		
US	Controlling A Graphical User Interface Based Upon A Prediction Of A Messaging Action Of A Messaging Account	Issued	US15835613	12/8/17	US10958609	3/23/21
US	Controlling A Graphical User Interface Using A Presentation Of Messages Based Upon Predicted Interactions With The Messages	Pending	US15835574	12/8/17		
US	Automated Network Account Transfers Based On Determined Inactivity	Issued	US15834268	12/7/17	US10742757	8/11/20
US	Securing Digital Content Using Separately Authenticated Hidden Folders	Issued	US15834109	12/7/17	US10902148	1/26/21
US	Building User Profiles By Relevance Feedback	Issued	US15831189	12/4/17	US10698967	6/30/20
US	Generating Options For A Task Using Objectives	Issued	US15827030	11/30/17	US10902006	1/26/21
US	Presenting Messages Via Graphical Objects In A Graphical User Interface	Pending	US15810614	11/13/17		
US	Computerized System And Method For Automatically Performing An Implicit Message Search	Issued	US15805471	11/7/17	US10897447	1/19/21
US	Computerized System And Method For Controlling Electronic Messages And Their Responses After Delivery	Issued	US15805369	11/7/17	US10454869	10/22/19
US	Adaptive Scoring Of Service Requests And Determining Whether To Fulfill Service Requests	Issued	US15800159	11/1/17	US10701179	6/30/20

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Computerized Systems And Methods For Query Expansion Using Displayed Objects	Pending	US15798490	10/31/17		
US	Content Object Layering For User Interfaces	Issued	US15797279	10/30/17	US11144186	10/12/21
US	Systems And Methods For Processing And Organizing Electronic Content	Issued	US15787385	10/18/17	US10515107	12/24/19
US	Displaying Complex Messaging Threads Into A Single Display	Issued	US15786598	10/17/17	US10163073	12/25/18
US	Integrating Rich Media Into A Web-Based Display Interface	Issued	US15726144	10/5/17	US10304038	5/28/19
US	Preserving Contextual Relevance Of Content	Issued	US15721550	9/29/17	US11042596	6/22/21
US	Systems And Methods For Improved Web-Based Document Retrieval And Object Manipulation	Issued	US15713568	9/22/17	US10417300	9/17/19
US	Conversation Summary	Issued	US15705478	9/15/17	US10685049	6/16/20
US	Systems And Methods To Provide Server Side Profile Information	Issued	US15699197	9/8/17	US11037106	6/15/21
US	Presenting Entity Profile Information To A User Of A Computing Device	Pending	US15688015	8/28/17		
US	Methods And Systems For Identifying Local Search Queries	Issued	US15682490	8/21/17	US10719538	7/21/20
US	Method And System For Providing Pre-Approved A/A Data Buckets	Allowed	US15677724	8/15/17		
US	Locally Hosting A Social Network Using Social Data Stored On A User'S Computer	Pending	US15661478	7/27/17		
US	Customized Content Stream Utilizing Dwelltime-Based Machine Learning	Issued	US15645986	7/10/17	US10366119	7/30/19
US	Personalization Techniques Using Image Clouds	Issued	US15640431	6/30/17	US10706112	7/7/20
US	Systems And Methods For Electronic Signing Of Electronic Content Requests	Issued	US15633289	6/26/17	US10581909	3/3/20
US	Video Encoding With Content Adaptive Resource Allocation	Issued	US15625009	6/16/17	US10306250	5/28/19
US	Systems And Methods For Analyzing Network Data To Identify Human And	Issued	US15604354	5/24/17	US10567421	2/18/20

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Non-Human Users In Network Communications					
US	Method And System For High Availability Topology For Master-Slave Data Systems With Low Write Traffic	Issued	US15601403	5/22/17	US10341434	7/2/19
US	Data Access Based On Content Of Image Recorded By A Mobile Device	Pending	US15597621	5/17/17		
US	Automatic Online Activity Abuse Report Accuracy Prediction Method And Apparatus	Issued	US15592703	5/11/17	US10867257	12/15/20
US	Method And System For Providing Subscribe And Unsubscribe Recommendations	Pending	US15590405	5/9/17		
US	Systems And Methods For Network Traffic Analysis	Issued	US15590303	5/9/17	US10178117	1/8/19
US	Method And System For Managing Resource Utilization Based On Reinforcement Learning	Pending	US15493880	4/21/17		
US	Automatic Peer To Peer Level Of Activity Information Maintenance And Sharing Method And Apparatus	Issued	US15483320	4/10/17	US10778715	9/15/20
US	Systems And Methods For Identifying A Returning Web Client	Issued	US15481167	4/6/17	US10469625	11/5/19
US	Method And System For Recommending Content Items To A User Based On Tensor Factorization	Pending	US15479337	4/5/17		
US	Collaborative Personalization Via Simultaneous Embedding Of Users And Their Preferences	Pending	US15476685	3/31/17		
US	Systems And Methods For Multiobjective Optimization	Issued	US15472019	3/28/17	US10915597	2/9/21
US	Multilabel Learning Via Supervised Joint Embedding Of Documents And Labels	Issued	US15471455	3/28/17	US10552501	2/4/20
US	Systems And Methods For Assembling And/Or Displaying Multimedia Objects, Modules Or Presentations	Issued	US15464109	3/20/17	US10325397	6/18/19
US	Generating Preference Indices For Image Content	Pending	US15463774	3/20/17		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Computerized System And Method For Automatically Identifying And Providing Digital Content Based On Physical Geographic Location Data	Allowed	US15451819	3/7/17		
US	Method And System For Query Optimization	Pending	US15450809	3/6/17		
US	Latent User Communities	Issued	US15446913	3/1/17	US10498690	12/3/19
US	Method And System For Search Provider Selection Based On Performance Scores With Respect To Each Search Query	Pending	US15444569	2/28/17		
US	Presentation Of Organized Personal And Public Data Using Communication Mediums	Issued	US15440527	2/23/17	US10280321	2/5/19
US	Creating Secure Social Applications With Extensible Types	Issued	US15439132	2/22/17	US10867337	12/15/20
US	Entity Disambiguation	Pending	US15425978	2/6/17		
US	Name-Based Classification Of Electronic Account Users	Issued	US15418376	1/27/17	US10636048	4/28/20
US	Systems And Methods For Quote Extraction	Issued	US15415977	1/26/17	US10242095	3/26/19
US	Optimized Full-Spectrum Cardinality Estimation Based On Unified Counting And Ordering Estimation Techniques	Issued	US15414352	1/24/17	US10983976	4/20/21
US	Scalable Multilingual Named-Entity Recognition	Issued	US15406586	1/13/17	US10699077	6/30/20
US	Computerized System And Method For Automatically Generating And Providing Interactive Query Suggestions Within An Electronic Mail System	Issued	US15402391	1/10/17	US10459981	10/29/19
US	Managing Under-Represented And Over-Represented Content Topics In Content Pools	Issued	US15394995	12/30/16	US11048764	6/29/21
US	Controlling Access To A Shared Resource	Issued	US15393856	12/29/16	US10503671	12/10/19
US	Method And System For Classifying Network Requests	Issued	US15391716	12/27/16	US10116661	10/30/18
US	Syndication Of Slideshow Content Through A Web Feed	Issued	US15384757	12/20/16	US10366145	7/30/19

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Media Content Enrichment Using An Adapted Object Detector	Issued	US15375868	12/12/16	US10007838	6/26/18
US	Collecting And Presenting Data Including Links From Communications Sent To Or From A User	Issued	US15368886	12/5/16	US10768787	9/8/20
US	Message Classification	Issued	US15366443	12/1/16	US10594640	3/17/20
US	Commentary Generation	Issued	US15359994	11/23/16	US10382367	8/13/19
US	Top-K Query Processing With Conditional Skips	Issued	US15345277	11/7/16	US10459959	10/29/19
US	Tip Generation	Issued	US15344869	11/7/16	US10331719	6/25/19
US	Subscription Transfer	Issued	US15343928	11/4/16	US10986062	4/20/21
US	Clustering Of Geographical Content	Issued	US15332838	10/24/16	US10747788	8/18/20
US	System And Method For Contextual Mail Recommendations	Issued	US15289637	10/10/16	US10305832	5/28/19
US	System And Method For Privacy-Aware Information Extraction And Validation	Issued	US15289396	10/10/16	US10078761	9/18/18
US	Systems And Methods For Content Processing	Issued	US15289323	10/10/16	US11144281	10/12/21
US	Online Ranking Of Queries For Sponsored Search	Issued	US15285318	10/4/16	US11170005	11/9/21
US	Automatic Electronic Message Content Rating Method And Apparatus	Issued	US15285166	10/4/16	US10791084	9/29/20
US	Data Access Based On Content Of Image Recorded By A Mobile Device	Issued	US15284607	10/4/16	US9665596	5/30/17
US	Computerized System And Method For Automatically Determining Malicious Ip Clusters Using Network Activity Data	Issued	US15281880	9/30/16	US10193915	1/29/19
US	User Profile Expansion For Personalization And Recommendation	Issued	US15280976	9/29/16	US10776433	9/15/20
US	Method And System For Providing Query Suggestions Based On Personalized Spelling Correction	Issued	US15272959	9/22/16	US11030251	6/8/21
US	Method And System For Next Word Prediction	Issued	US15272636	9/22/16	US11061948	7/13/21
US	Baseline Interest Profile For Recommendations Using A Geographic Location	Issued	US15265777	9/14/16	US10404813	9/3/19
US	Anti-Spam Transient Entity Classification	Issued	US15263238	9/12/16	US10298526	5/21/19

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Method And System For Causing A Browser To Preload Web Page Components	Issued	US15254540	9/1/16	US10216858	2/26/19
US	Computerized System And Method For Automatically Generating High-Quality Digital Content Thumbnails From Digital Video	Issued	US15250990	8/30/16	US9972360	5/15/18
US	Method And System For Providing Query Suggestions	Issued	US15249899	8/29/16	US10824677	11/3/20
US	Hybrid Classifier For Assigning Natural Language Processing (Nlp) Inputs To Domains In Real-Time	Issued	US15239219	8/17/16	US10120861	11/6/18
US	Automated Connection Of Electronic Messaging And Social Networking Services Method And Apparatus	Issued	US15238278	8/16/16	US10432571	10/1/19
US	Method And System For Multi-Label Prediction	Pending	US15237970	8/16/16		
US	Systems And Methods For Improved Web Searching	Issued	US15237463	8/15/16	US10956518	3/23/21
US	Hybrid Grammatical And Ungrammatical Parsing	Issued	US15228610	8/4/16	US10042840	8/7/18
US	Detecting Abusive Language Using Character N-Gram Features	Issued	US15224434	7/29/16	US11010687	5/18/21
US	Method And System For Managing Digital Content Including Streaming Media	Issued	US15221741	7/28/16	US10353866	7/16/19
US	Emotional Reaction Sharing	Issued	US15218268	7/25/16	US10573048	2/25/20
US	Computerized System And Method For Automatic Highlight Detection From Live Streaming Media And Rendering Within A Specialized Media Player	Issued	US15209051	7/13/16	US10681391	6/9/20
US	Method And System For Ranking Content Items Based On User Engagement Signals	Pending	US15204009	7/7/16		
US	Fact Machine For User Generated Content	Issued	US15198493	6/30/16	US10789310	9/29/20
US	Automatic Canonical Digital Image Selection Method And Apparatus	Issued	US15198295	6/30/16	US10163041	12/25/18
US	Automatic Fantasy Sports Data Analysis Method And Apparatus	Issued	US15197875	6/30/16	US10463975	11/5/19
US	Computerized Systems And Methods For Authenticating	Issued	US15197806	6/30/16	US10607263	3/31/20

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Users On A Network Device Via Dynamically Allocated Authenticating State Machines Hosted On A Computer Network					
US	Method And System For Querying Streaming Data	Pending	US15197306	6/29/16		
US	Generic Card Feature Extraction Based On Card Rendering As An Image	Issued	US15190030	6/22/16	US10318573B2	6/11/19
US	Systems And Methods For Dynamic Partitioning In Distributed Environments	Issued	US15189158	6/22/16	US10162830	12/25/18
US	Displaying Location-Based Images That Match The Weather Conditions	Issued	US15187069	6/20/16	US10021524	7/10/18
US	Traveler Recommendations	Issued	US15178667	6/10/16	US10510105	12/17/19
US	Ranking Answers For On-Line Community Questions	Issued	US15170754	6/1/16	US10592996	3/17/20
US	Real Time Parsing And Suggestions From Pre-Generated Corpus With Hypernyms	Issued	US15169101	5/31/16	US10289680	5/14/19
US	Computerized System And Method For Optimizing The Display Of Electronic Content Card Information When Providing Users Digital Content	Issued	US15165557	5/26/16	US10664484	5/26/20
US	Search Across Multiple User Interfaces	Issued	US15163224	5/24/16	US10558676	2/11/20
US	Selecting Sporting Events Based On Event Status	Issued	US15161721	5/23/16	US9626686	4/18/17
US	Overall Performance When A Subsystem Becomes Overloaded	Issued	US15152428	5/11/16	US11070486	7/20/21
US	System And Method For Relevance-Based Electronic Message Presentation	Issued	US15150918	5/10/16	US10652187	5/12/20
US	Systems And Methods For Reporter-Based Filtering Of Electronic Communications And Messages	Issued	US15146003	5/4/16	US9485269	11/1/16
US	Providing Relevant Non-Requested Content To A Mobile Device	Issued	US15145116	5/3/16	US10019732	7/10/18
US	Method And System For Providing Query Suggestions	Issued	US15144196	5/2/16	US10467291	11/5/19
US	Video Monitoring	Issued	US15135708	4/22/16	US10255082	4/9/19
US	Content Sharing Recommendations	Issued	US15134633	4/21/16	US10609183	3/31/20

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Optimized Full-Spectrum Order Statistics-Based Cardinality Estimation	Issued	US15131968	4/18/16	US11068481	7/20/21
US	Optimized Full-Spectrum Loglog-Based Cardinality Estimation	Issued	US15131904	4/18/16	US10853362	12/1/20
US	Configuring Output Controls On A Per-Online Identity Or A Per-Online Resource Basis	Issued	US15131245	4/18/16	US11132419	9/28/21
US	Method And System For Rewriting A Query	Issued	US15130217	4/15/16	US11086866	8/10/21
US	Method And System For Selecting Supplemental Content Using Visual Appearance	Issued	US15097658	4/13/16	US10558720	2/11/20
US	Content Subject Suggestions	Issued	US15095364	4/11/16	US10303720	5/28/19
US	Computerized System And Method For Automatically Detecting And Rendering Highlights From Streaming Videos	Issued	US15088792	4/1/16	US10390082	8/20/19
US	Method And Apparatus For Facilitating Message Selection And Organization	Issued	US15083905	3/29/16	US9645710	5/9/17
US	Video Content Deep Diving	Issued	US15082334	3/28/16	US10382823	8/13/19
US	System And Method Of Content Selection Using Selection Activity In Digital Messaging	Pending	US15074585	3/18/16		
US	Popularity Of Content Items	Issued	US15068487	3/11/16	US9652539	5/16/17
US	Electronic Message Composition Support Method And Apparatus	Issued	US15059596	3/3/16	US10193833	1/29/19
US	Method And System For User Profiling For Content Recommendation	Issued	US15057487	3/1/16	US11188830	11/30/21
US	Quality-Based Scoring And Inhibiting Of User-Generated Content	Issued	US15055220	2/26/16	US10489712	11/26/19
US	Content-Based Video Representation	Issued	US15019934	2/9/16	US10032081B2	7/24/18
US	Scalable And Effective Document Summarization Framework	Issued	US15019646	2/9/16	US10042924	8/7/18
US	Enhanced Favorites Service For Web Browsers And Web Applications	Issued	US15019122	2/9/16	US10169306	1/1/19
US	Dynamically Determining The Relatedness Of Web Objects	Issued	US15010225	1/29/16	US10095695	10/9/18

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Computerized System And Method For Determining And Displaying Message Content In A User'S Inbox	Pending	US15007401	1/27/16		
US	On-Line Content Sampling	Issued	US14986180	12/31/15	US10685066	6/16/20
US	Network Content Communication	Issued	US14986115	12/31/15	US10567546	2/18/20
US	Computerized System And Method For Modifying A Message To Apply Security Features To The Message'S Content	Issued	US14985844	12/31/15	US10129197	11/13/18
US	Content-Adaptive Digital Content Adjustment Method And System	Issued	US14985692	12/31/15	US9942581	4/10/18
US	Search Engine Content Switch	Issued	US14984787	12/30/15	US10984189	4/20/21
US	Mobile Searches Utilizing A Query-Goal-Mission Structure	Issued	US14984357	12/30/15	US10769547	9/8/20
US	Computerized System And Method For Augmenting Search Terms For Increased Efficiency And Effectiveness In Identifying Content	Pending	US14984300	12/30/15		
US	Query-Goal-Mission Structures	Issued	US14984172	12/30/15	US10146815	12/4/18
US	Method And System For Recommending Content	Pending	US14983663	12/30/15		
US	User Verification	Issued	US14982081	12/29/15	US10505957	12/10/19
US	Decentralized Cards Platform For Showing Contextual Cards In A Stream	Issued	US14977390	12/21/15	US10831766	11/10/20
US	Method And System For Mapping Notable Entities To Their Social Profiles	Issued	US14969225	12/15/15	US9984146	5/29/18
US	Enforcing Anonymity In The Auditing Of Electronic Documents	Issued	US14969201	12/15/15	US10558822	2/11/20
US	Customization Of User Account Authentication	Issued	US14967016	12/11/15	US10333915	6/25/19
US	Method And System For Providing Context Based Query Suggestions	Issued	US14962081	12/8/15	US10380192	8/13/19
US	Method And System For Ranking Search Content	Pending	US14959122	12/4/15		
US	On Demand Passwords	Issued	US14956224	12/1/15	US9930033	3/27/18
US	Locally Optimized Feature Space Encoding Of Digital Data And Retrieval Using	Issued	US14953925	11/30/15	US9659214B1	5/23/17

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Such Encoding					
US	Method And System For Merging Data	Issued	US14949932	11/24/15	US10635672	4/28/20
US	Encoding And Distributing Snippets Of Events Based On Near Real Time Cues	Issued	US14949564	11/23/15	US11184300	11/23/21
US	Weather Presentation	Issued	US14946882	11/20/15	US9807550	10/31/17
US	Preview Of Compressed File Email Attachments	Issued	US14945415	11/18/15	US10623354	4/14/20
US	Exchanging Digital Content	Issued	US14943657	11/17/15	US9641577	5/2/17
US	Method And System For Data Assignment In A Distributed System	Issued	US14938990	11/12/15	US11100073	8/24/21
US	Generating A Relationship History	Issued	US14936146	11/9/15	US9838345	12/5/17
US	Resource Placement Via A Web Page	Issued	US14935173	11/6/15	US10122646	11/6/18
US	Method And System For Assembling Animated Media Based On Keyword And String Input	Issued	US14930470	11/2/15	US10096145	10/9/18
US	Content Recommendation	Issued	US14930218	11/2/15	US10740415	8/11/20
US	Automated Presentation Of Information Using Infographics	Issued	US14930027	11/2/15	US10572498	2/25/20
US	Automated Personalized Electronic Message Composition	Issued	US14926382	10/29/15	US10430513	10/1/19
US	Automatic Anomaly Detection Framework For Grid Resources	Issued	US14923033	10/26/15	US10454889	10/22/19
US	Systems And Methods For Syndicated Distribution Of Electronic Content	Issued	US14884604	10/15/15	US10104172	10/16/18
US	User Interface Generation	Issued	US14883900	10/15/15	US10459992	10/29/19
US	Fantasy Sports Data Analysis For Game Structure Development	Issued	US14876101	10/6/15	US10207188	2/19/19
US	Spam Filtering And Person Profiles	Issued	US14876014	10/6/15	US9866509	1/9/18
US	Methods, Systems And Techniques For Ranking Blended Content Retrieved From Multiple Disparate Content Sources	Issued	US14875219	10/5/15	US10387432	8/20/19
US	Methods, Systems And Techniques For Blending Online Content From Multiple Disparate Content Sources Including A	Pending	US14875186	10/5/15		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Personal Content Source Or A Semi-Personal Content Source					
US	Methods, Systems And Techniques For Ranking Personalized And Generic Search Query Suggestions	Pending	US14875072	10/5/15		
US	Methods, Systems And Techniques For Personalized Search Query Suggestions	Issued	US14875034	10/5/15	US11042590	6/22/21
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	Pending	US14874996	10/5/15		
US	Method And System For Classifying A Question	Issued	US14874926	10/5/15	US10110544	10/23/18
US	Method And System For Providing Synthetic Answers To A Personal Question	Pending	US14874852	10/5/15		
US	Method And System For Entity Extraction And Disambiguation	Pending	US14874814	10/5/15		
US	Method And System For Generating A Knowledge Representation	Pending	US14874768	10/5/15		
US	Method And System For Generating A Card Based On Intent	Issued	US14874627	10/5/15	US9767400	9/19/17
US	Method And System For Dynamically Generating A Card	Issued	US14874598	10/5/15	US10601747	3/24/20
US	Method And System For Searching In A Person-Centric Space	Pending	US14874576	10/5/15		
US	Method And System For Associating Data From Different Sources To Generate A Person-Centric Space	Issued	US14874566	10/5/15	US10417206	9/17/19
US	Method And System For Intent-Driven Searching	Issued	US14874547	10/5/15	US10296647	5/21/19
US	Method, System And Machine-Readable Medium For Online Task Exchange	Issued	US14874528	10/5/15	US10929905	2/23/21
US	Method And System For Automatically Generating And Completing A Task	Pending	US14874512	10/5/15		
US	Computerized System And	Issued	US14869435	9/29/15	US10049149	8/14/18

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Method For Search Query Auto-Completion					
US	Predicting Locations For Web Pages And Related Techniques	Issued	US14868154	9/28/15	US10585960	3/10/20
US	Location-Sensitive Ranking For Search And Related Techniques	Issued	US14868135	9/28/15	US10592514	3/17/20
US	Multi-Touch Gesture Search	Issued	US14867695	9/28/15	US10083238	9/25/18
US	Auto Extraction Of Tasks From Unstructured Communications Such As Emails And Messages	Pending	US14866508	9/25/15		
US	Privacy Aware Sharing Implicit And Explicit Personal Preferences For Group Planning	Pending	US14866505	9/25/15		
US	Programmatic Native Rendering Of Structured Content	Issued	US14866388	9/25/15	US10643023	5/5/20
US	Method And System For Sharing Personal Information With Web Sites	Pending	US14861973	9/22/15		
US	In-Context Translation Review	Issued	US14860919	9/22/15	US10540449	1/21/20
US	Smart Exploration Methods For Mitigating Item Cold-Start Problem In Collaborative Filtering Recommendation Systems	Issued	US14857258	9/17/15	US9910898	3/6/18
US	Systems And Methods For Identifying A Returning Web Client	Issued	US14851386	9/11/15	US9648142	5/9/17
US	On-Line Account Recovery	Issued	US14849320	9/9/15	US10135801B2	11/20/18
US	User Action Prediction	Issued	US14849008	9/9/15	US10643141	5/5/20
US	Audio Verification	Issued	US14847742	9/8/15	US10277581	4/30/19
US	Peer-To-Peer Access Of Personalized Profiles Using Content Intermediary	Issued	US14844727	9/3/15	US9552424	1/24/17
US	Locale Of Interest Identification	Issued	US14827592	8/17/15	US10380146	8/13/19
US	Systems And Methods For Query Optimization	Issued	US14821381	8/7/15	US9613088	4/4/17
US	Boosted Deep Convolutional Neural Networks (Cnns)	Issued	US14820972	8/7/15	US9805305B2	10/31/17
US	Methods And Systems For Determining Query Date Ranges	Issued	US14804835	7/21/15	US10331752	6/25/19
US	Sorting Electronic Messages Using Attributes Of The Sender Address	Issued	US14799701	7/15/15	US9667583	5/30/17

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Systems And Method For Performing Contextual Classification Using Supervised And Unsupervised Training	Issued	US14792585	7/6/15	US10565519	2/18/20
US	Method And System For Automatic Formality Classification	Issued	US14757446	12/23/15	US10740573	8/11/20
US	Method And System For Automatic Formality Transformation	Issued	US14757423	12/23/15	US10346546	7/9/19
US	Method And Apparatus For Predicting Unwanted Electronic Messages For A User	Issued	US14755518	6/30/15	US10374995	8/6/19
US	Systems And Methods For Online Content Recommendation	Pending	US14748333	6/24/15		
US	Systems And Methods For Forwarding Electronic Mail	Issued	US14746267	6/22/15	US9712469	7/18/17
US	Content Recommendation Using Third Party Profiles	Issued	US14745618	6/22/15	US9792366	10/17/17
US	Seasonal Query Suggestion System And Method	Issued	US14739487	6/15/15	US9928313	3/27/18
US	Outlier Data Detection	Issued	US14734515	6/9/15	US10713683	7/14/20
US	Computerized Notification System And Method For Delivering Breaking News Content	Issued	US14729686	6/3/15	US10484329	11/19/19
US	System And Method For Determining And Delivering Breaking News Utilizing Social Media	Issued	US14729614	6/3/15	US11153253	10/19/21
US	System And Method For Automatic Storyline Construction Based On Determined Breaking News	Issued	US14729512	6/3/15	US10798193	10/6/20
US	Location-Awareness Search Assistance System And Method	Issued	US14727081	6/1/15	US10503764	12/10/19
US	Triggering Method For Instant Search	Issued	US14720867	5/25/15	US9940372	4/10/18
US	Incremental Data Processing	Issued	US14720448	5/22/15	US10013422	7/3/18
US	Alternate Page Determination For A Requested Target Page	Issued	US14720298	5/22/15	US9792382B2	10/17/17
US	Data Sessionization	Issued	US14717119	5/20/15	US10536539	1/14/20
US	Mobile Visual Search Using Deep Variant Coding	Issued	US14715246	5/18/15	US10839006	11/17/20
US	System And Method For Editing Dynamically	Issued	US14715012	5/18/15	US9953073	4/24/18

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Aggregated Data					
US	Device Interfacing	Issued	US14704405	5/5/15	US9971714	5/15/18
US	Method And System For Blocking Malicious Third Party Site Tagging	Issued	US14700456	4/30/15	US10432662	10/1/19
US	Computerized System And Method For Selectively Communicating Html Content To A User'S Inbox As A Native Message	Issued	US14699378	4/29/15	US10560408	2/11/20
US	Systems And Methods For Spam Filtering	Issued	US14697089	4/27/15	US10778624	9/15/20
US	Topical Based Media Content Summarization System And Method	Issued	US14682654	4/9/15	US10095786	10/9/18
US	Inductive Matrix Completion And Graph Proximity For Content Item Recommendation	Issued	US14682603	4/9/15	US10515127	12/24/19
US	Determining Content Sessions Using Content-Consumption Events	Issued	US14673854	3/30/15	US10564805	2/18/20
US	Using Hierarchical Reservoir Sampling To Compute Percentiles At Scale	Issued	US14664043	3/20/15	US9756122B2	9/5/17
US	Techniques For Modeling Aggregation Records	Issued	US14661979	3/18/15	US10346433	7/9/19
US	Future Event Detection And Notification	Issued	US14657409	3/13/15	US10212243	2/19/19
US	System And Method For Improved Server Performance For A Deep Feature Based Coarse-To-Fine Fast Search	Pending	US14656390	3/12/15		
US	Large-Scale Anomaly Detection With Relative Density-Ratio Estimation	Issued	US14634515	2/27/15	US10909468	2/2/21
US	Transition Event Detection	Pending	US14601128	1/20/15		
US	Content Distribution Resource Allocation	Issued	US14591204	1/7/15	US11140095	10/5/21
US	System And Method For Presenting Search Results	Issued	US14589803	1/5/15	US10262067	4/16/19
US	Web Content Publishing Acquisition	Issued	US14588309	12/31/14	US11132417	9/28/21
US	Image Cropping	Issued	US14588213	12/31/14	US9996761	6/12/18
US	Electronic Message Search System And Method	Issued	US14587585	12/31/14	US9838348	12/5/17
US	Method And System For Enhanced Content	Issued	US14586202	12/30/14	US10671679	6/2/20

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Recommendation					
US	System And Method For Programmatically Creating Resource Locators	Issued	US14586032	12/30/14	US9785721	10/10/17
US	System And Method For Privacy-Aware Information Extraction And Validation	Issued	US14581647	12/23/14	US9465956	10/11/16
US	Generating Preference Indices For Image Content	Issued	US14579998	12/22/14	US9607217	3/28/17
US	System And Method For Self-Destructing Messages	Issued	US14563922	12/8/14	US11108719	8/31/21
US	System And Method For Triageing In A Message System On Send Flow	Issued	US14563121	12/8/14	US10097498	10/9/18
US	Computerized Systems And Methods For Graph Data Modeling	Issued	US14557410	12/1/14	US10290126	5/14/19
US	Displaying Complex Messaging Threads Into A Single Display	Issued	US14557054	12/1/14	US9825894	11/21/17
US	Method And System For Providing A User Interface	Issued	US14552695	11/25/14	US9329842B1	5/3/16
US	Method And System For Providing Query Suggestions Based On User Feedback	Pending	US14546635	11/18/14		
US	Systems And Methods For Improved Web Searching	Issued	US14543752	11/17/14	US9449101	9/20/16
US	System And Method For Large-Scale Multi-Label Learning Using Incomplete Label Assignments	Issued	US14543133	11/17/14	US10325220	6/18/19
US	Sender-Based Ranking Of Person Profiles And Multi-Person Automatic Suggestions	Issued	US14542160	11/14/14	US9159057	10/13/15
US	Recommending Contents Using A Base Profile	Issued	US14529415	10/31/14	US10025863	7/17/18
US	System And Method For Entity Detection In Machine Generated Messages	Issued	US14524460	10/27/14	US10348667	7/9/19
US	Method And System For Cold-Start Item Recommendation	Issued	US14519273	10/21/14	US10699198	6/30/20
US	Real-Time Economic Indicator	Pending	US14513935	10/14/14		
US	Using Exogenous Sources For Personalization Of Website Services	Issued	US14504386	10/1/14	US9792372B2	10/17/17
US	Personalized Search Filter And Notification System	Issued	US14501342	9/30/14	US10503793	12/10/19
US	System And Method For Auto-Formatting Messages	Pending	US14495064	9/24/14		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Based On Learned Message Templates					
US	System And Method For Email Message Following From A User'S Inbox	Issued	US14492708	9/22/14	US9894025	2/13/18
US	Systems And Methods For Displaying An Expanding Menu Via A User Interface	Issued	US14484155	9/11/14	US10296167	5/21/19
US	Systems And Methods For Reporter-Based Filtering Of Electronic Communications And Messages	Issued	US14474282	9/1/14	US9355245	5/31/16
US	Cross-Device Integration System And Method	Issued	US14460016	8/14/14	US10243891	3/26/19
US	Systems And Methods For Suggesting Headlines	Issued	US14455045	8/8/14	US9881059	1/30/18
US	Method And System For Identifying And Delivering Enriched Content	Issued	US14452645	8/6/14	US9679082B2	6/13/17
US	Online Adaptive Filtering Of Messages	Issued	US14452224	8/5/14	US9270625	2/23/16
US	Automatically Generated Comparison Polls	Issued	US14449390	8/1/14	US9684908	6/20/17
US	Enhanced Personalization In Multi-User Devices	Issued	US14446495	7/30/14	US9934466	4/3/18
US	Method And System Of Generating And Using A Geographical Hierarchy Model	Issued	US14445724	7/29/14	US10409857	9/10/19
US	Systems And Methods For Providing Recommendations And Explanations	Issued	US14444477	7/28/14	US10218800	2/26/19
US	Method And System For Presenting A Search Result In A Search Result Card	Issued	US14439288	4/29/15	US10031954	7/24/18
US	Method And System For Data Recovery In A Data System	Issued	US14437300	4/21/15	US10459805	10/29/19
US	Method And System For Monitoring Data Quality And Dependency	Pending	US14436939	4/20/15		
US	Method And System For Scheduling Transactions In A Data System	Issued	US14436935	4/20/15	US10241828	3/26/19
US	Method And System For Online User Profiling	Pending	US14436640	4/17/15		
US	Method And System For Providing Interaction Driven Electronic Social Experience	Pending	US14436166	4/16/15		
US	Method And System For Determining User Interests Based On A Correspondence	Issued	US14435789	4/15/15	US10558706	2/11/20

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Graph					
US	Graphical User Interface For Presenting A Menu Of Options	Issued	US14427330	7/22/15	US10359908	7/23/19
US	Method And System For Analyzing A User Agent String	Issued	US14411136	12/24/14	US11120004	9/14/21
US	Method And System For Providing A User Agent String Database	Issued	US14410702	12/23/14	US10025847	7/17/18
US	Method And System For Providing A Personalized Snippet	Issued	US14399696	11/7/14	US10621220	4/14/20
US	Method And System For Identifying And Delivering Enriched Content	Issued	US14364168	6/10/14	US10565292	2/18/20
US	Method And Apparatus For Automatically Summarizing The Contents Of Electronic Documents	Issued	US14348830	11/3/14	US9916309	3/13/18
US	Aiding Composition Of Themed Articles About Popular And Novel Topics And Offering Users A Navigable Experience Of Associated Content	Issued	US14330627	7/14/14	US10990620	4/27/21
US	Systems And Methods For Identifying And Managing Topical Content For Websites	Issued	US14327473	7/9/14	US10650074	5/12/20
US	Systems And Methods For Content Processing	Issued	US14319978	6/30/14	US9465849	10/11/16
US	System And Method For Email Pre-Delivery	Issued	US14293442	6/2/14	US9413698	8/9/16
US	Systems And Methods For Caching And Serving Dynamic Content	Issued	US14286935	5/23/14	US10063615	8/28/18
US	Content Recommendations	Issued	US14284647	5/22/14	US9959364	5/1/18
US	Enhanced Favorites Service For Web Browsers And Web Applications	Issued	US14283099	5/20/14	US9754042	9/5/17
US	Rendering Of On-Line Content	Pending	US14282639	5/20/14		
US	Machine Learning And Validation Of Account Names, Addresses, And/Or Identifiers	Issued	US14282097	5/20/14	US9928465	3/27/18
US	Method And System For Measuring User Engagement With Content Items	Issued	US14270950	5/6/14	US10552291	2/4/20
US	Method And System For Measuring User Engagement	Issued	US14270917	5/6/14	US10789304	9/29/20

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	With Content Items					
US	Method And System For Evaluating User Satisfaction With Respect To A User Session	Issued	US14270862	5/6/14	US10599659	3/24/20
US	Content Recommendation Using Third Party Profiles	Issued	US14264546	4/29/14	US9135641	9/15/15
US	System And Method For Providing Users Feedback Regarding Their Reading Habits	Issued	US14255576	4/17/14	US10033775	7/24/18
US	Personalization Of News Articles Based On News Sources	Issued	US14249055	4/9/14	US9916364	3/13/18
US	Gesture Input For Item Selection	Issued	US14247690	4/8/14	US10025461	7/17/18
US	Systems And Methods For Delivering Task-Oriented Content Using A Desktop Widget	Issued	US14244825	4/3/14	US10503357	12/10/19
US	Search Engine And Method For Performing A Search For Objects That Correspond To A Search Request	Issued	US14238487	8/12/11	US9805122B2	10/31/17
US	Providing Relevant Non-Requested Content To A Mobile Device	Issued	US14230337	3/31/14	US9344523	5/17/16
US	System And Method For Summarizing A Multimedia Content Item	Issued	US14224511	3/25/14	US10282469	5/7/19
US	Methods And Systems For Ranking Items On A Presentation Area Based On Binary Outcomes	Issued	US14199729	3/6/14	US9529858B2	12/27/16
US	Systems And Methods For Providing Culturally-Relevant Search Results To Users	Issued	US14188439	2/24/14	US9442985	9/13/16
US	Automated Summary And Action Generation For Identified Events	Issued	US14182566	2/18/14	US11080796	8/3/21
US	Live Previews For Multitasking And State Management	Issued	US14176486	2/10/14	US9529783	12/27/16
US	Web Application Theme Preview Based On Live Previews	Issued	US14173803	2/5/14	US9361280	6/7/16
US	Throttled Scanning For Optimized Compression Of Network Communicated Data	Issued	US14170402	1/31/14	US9680897	6/13/17

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Dynamic Streaming Content Provided By Server And Client-Side Tracking Application	Issued	US14170393	1/31/14	US9959255	5/1/18
US	Model Traversing Based Compressed Serialization Of User Interaction Data And Communication From A Client-Side Application	Issued	US14170377	1/31/14	US9779069	10/3/17
US	Syndication Of Slideshow Content Through A Web Feed	Issued	US14163172	1/24/14	US9557898	1/31/17
US	System And Method For Providing Time-Based Content	Issued	US14151343	1/9/14	US10002195	6/19/18
US	Method And System For Classifying Man Vs. Machine Generated E-Mail	Issued	US14150788	1/9/14	US10778618	9/15/20
US	Dynamic Aggregation And Display Of Contextually Relevant Content	Issued	US14150450	1/8/14	US9613008	4/4/17
US	Systems And Methods For Image Processing	Issued	US14148569	1/6/14	US10037318	7/31/18
US	Systems And Methods For Delivering Task-Oriented Content	Issued	US14147078	1/3/14	US9971756	5/15/18
US	Systems And Methods For Content Processing	Issued	US14147010	1/3/14	US9940099	4/10/18
US	Systems And Methods For Quote Extraction	Issued	US14147001	1/3/14	US9558180	1/31/17
US	Systems And Methods For Content Delivery	Issued	US14146986	1/3/14	US9742836	8/22/17
US	Smart Content Pre-Loading On Client Devices	Issued	US14144544	12/30/13	US9990440B2	6/5/18
US	Method And Apparatus For Facilitating Message Selection And Organization With Group-Level Actions	Issued	US14132617	12/18/13	US9274691	3/1/16
US	Automated Presentation Of Information Using Infographics	Issued	US14131650	1/8/14	US9922096	3/20/18
US	System And Method For Facilitating Email Message Reply	Issued	US14109750	12/17/13	US9614801	4/4/17
US	Peer-To-Peer Access Of Personalized Profiles Using Content Intermediary	Issued	US14107989	12/16/13	US9141972	9/22/15
US	Automatic Detection Of Expiration Time Of Event-Based Articles	Issued	US14096944	12/4/13	US10204128B2	2/12/19
US	Deep Linking To Mobile Applications	Issued	US14093905	12/2/13	US9806942B2	10/31/17

Country	Title	Status	Application No.	Filing Date	Patent No.	Issue Date
US	Automatic Draft Email Notification	Issued	US14088525	11/25/13	US9767439	9/19/17
US	Method And Medium For A Personalized Content Delivery System	Issued	US14085585	11/20/13	US10346436	7/9/19
US	Infinite Browse	Issued	US14083320	11/18/13	US9355185	5/31/16
US	Media Forums For Managing Mobile Generated User Content And Associations To Articles	Issued	US14076086	11/8/13	US10013402B2	7/3/18
US	Media Forums For Presenting And Managing User Generated Content Regarding Articles Presented On Websites	Issued	US14076082	11/8/13	US9858249B2	1/2/18
US	Sorting Electronic Messages Using Attributes Of The Sender Address	Issued	US14068978	10/31/13	US9100358	8/4/15
US	Customized News Stream Utilizing Dwelltime-Based Machine Learning	Issued	US14064007	10/25/13	US9703783B2	7/11/17
US	Email Frequency And Consolidation Assistant	Issued	US14045561	10/3/13	US10110532	10/23/18
US	Keyword Recommendation	Issued	US14043807	10/1/13	US9792629	10/17/17
US	Exchanging Digital Content	Issued	US14027747	9/16/13	US9203882	12/1/15
US	System And Method For Enhancing Multi-Module Experience	Issued	US14027140	9/13/13	US9401948B2	7/26/16
US	System And Method For Identification Of Subject Line Templates	Issued	US14020614	9/6/13	US10885548	1/5/21
US	System And Methods For User Curated Media	Pending	US14012961	8/28/13		
US	Prioritizing Items From Different Categories In A News Stream	Issued	US14012932	8/28/13	US10025861B2	7/17/18
US	System And Method For Mailing List Identification And Representation	Issued	US13966458	8/14/13	US9596205	3/14/17
US	Displaying Location-Based Images That Match The Weather Conditions	Issued	US13964499	8/12/13	US9386432	7/5/16
US	Method And System For Using Natural Language Techniques To Process Inputs	Issued	US13949886	7/24/13	US8818795B1	8/26/14
US	Determination Of General And Topical News And Geographical Scope Of News Content	Issued	US13944409	7/17/13	US9807181B2	10/31/17
US	Serving Of Web Pages	Issued	US13941294	7/12/13	US9497251B2	11/15/16

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	According To Web Site Launch Times					
US	Jury System For Use In Online Answers Environment	Issued	US13939114	7/10/13	US8819158	8/26/14
US	Fantasy Sports With Situational Substitutions Of Players	Issued	US13928100	6/26/13	US10105595	10/23/18
US	System And Method For Contextually Enriching Content Of A Referrer Page When Returning From A Landing Page	Issued	US13924497	6/21/13	US9875317B2	1/23/18
US	Systems And Methods For Image-Based Recommendations	Issued	US13916886	6/13/13	US9727901	8/8/17
US	Systems And Methods Involving Integration/Creation Of Search Results Media Modules	Issued	US13916562	6/12/13	US10417289	9/17/19
US	System And Method For Contextual Mail Recommendations	Issued	US13909534	6/4/13	US9467409	10/11/16
US	Fantasy Sport Auction Draft Application	Issued	US13898408	5/20/13	US8821231B2	9/2/14
US	Systems And Methods For Mobile Application Requests Of Physical Facilities	Issued	US13897438	5/19/13	US11170350	11/9/21
US	Media Content Enrichment Using An Adapted Object Detector	Issued	US13894814	5/15/13	US9519659	12/13/16
US	Selecting And Serving Content Based On Scroll Pattern Recognition	Issued	US13886581	5/3/13	US9335914	5/10/16
US	Systems And Methods For Processing And Organizing Electronic Content	Issued	US13886211	5/2/13	US9811586	11/7/17
US	Providing Relevant Non-Requested Content To A Mobile Device	Issued	US13870530	4/25/13	US9049250	6/2/15
US	Visual Clothing Retrieval	Issued	US13865142	4/17/13	US9460518	10/4/16
US	Method And Apparatus For Facilitating Message Selection And Organization	Issued	US13857929	4/5/13	US9304665	4/5/16
US	Data Access Based On Content Of Image Recorded By A Mobile Device	Issued	US13849968	3/25/13	US9483499	11/1/16
US	Systems And Methods For Horizontally Paginating Html Content	Issued	US13826306	3/14/13	US9632986	4/25/17
US	Visualizing Regions	Issued	US13815833	3/15/13	US9269125B2	2/23/16

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Characterized By Labeled Measurements					
US	Using Observations Of A Person To Determine If Data Corresponds To The Person	Issued	US13797285	3/12/13	US10977285	4/13/21
US	Systems And Methods For Improved Web Searching	Issued	US13794534	3/11/13	US8892592	11/18/14
US	Systems And Methods For Processing Electronic Transactions Based On Consumer Characteristics	Issued	US13790752	3/8/13	US10963857	3/30/21
US	Method And System For Displaying Email Messages	Issued	US13780922	2/28/13	US10554608	2/4/20
US	System And Method Of Using Context In Selecting A Response To User Device Interaction	Issued	US13772714	2/21/13	US10649619	5/12/20
US	Automated Presentation Of Information Using Infographics	Issued	US13770525	2/19/13	US9176966	11/3/15
US	Real Time Object Scanning Using A Mobile Phone And Cloud-Based Visual Search Engine	Issued	US13768051	2/15/13	US9633272B2	4/25/17
US	Systems And Methods For Testing Online Systems And Content	Issued	US13763343	2/8/13	US9521166	12/13/16
US	Popularity Of Content Items	Issued	US13750202	1/25/13	US9317568	4/19/16
US	Systems And Methods For Caching And Serving Dynamic Content	Issued	US13747302	1/22/13	US8738691	5/27/14
US	System And Method For Selectively Displaying Web Page Elements	Issued	US13722593	12/20/12	US10387535	8/20/19
US	Systems And Methods For Providing Personalized Recommendations For Electronic Content	Issued	US13710293	12/10/12	US9721019	8/1/17
US	Classifying A Portion Of User Contact Data Into Local Contacts	Issued	US13693955	12/4/12	US10192200	1/29/19
US	Address Extraction From A Communication	Issued	US13667205	11/2/12	US10013672	7/3/18
US	Systems And Methods For Determining Related Places	Issued	US13666844	11/1/12	US9110894	8/18/15
US	Methods And Systems For Identifying Local Search Queries	Issued	US13633488	10/2/12	US9767185	9/19/17
US	Method And Apparatus Of Analyzing Social Network Data To Identify A Financial Market Trend	Issued	US13627603	9/26/12	US10387971	8/20/19

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Testing Framework For Dynamic Web Pages	Issued	US13620791	9/15/12	US9075917	7/7/15
US	Systems And Methods For Creating And Updating Reputation Records	Issued	US13620409	9/14/12	US9160568	10/13/15
US	Fantasy Sports Trade Evaluator System And Method	Issued	US13618960	9/14/12	US8606380	12/10/13
US	Sorting Electronic Messages Using Attributes Of The Sender Address	Issued	US13616441	9/14/12	US8601111B2	12/3/13
US	User Interface System For Handheld Devices	Issued	US13615703	9/14/12	US8661347	2/25/14
US	Hot Within My Communities	Issued	US13615077	9/13/12	US9178951	11/3/15
US	Content Recommendation Using Third Party Profiles	Issued	US13614816	9/13/12	US8762859	6/24/14
US	Deriving A User Profile From Questions	Issued	US13608149	9/10/12	US9299081	3/29/16
US	Systems And Methods For Performing Contextual Classification Using Supervised And Unsupervised Training	Issued	US13573727	10/3/12	US9104655	8/11/15
US	Online Adaptive Filtering Of Messages	Issued	US13541033	7/3/12	US8799387	8/5/14
US	Electronic Mail Forwarding Service	Issued	US13540400	7/2/12	US9082110	7/14/15
US	Method Or System For Ranking Related News Predictions	Issued	US13538798	6/29/12	US9367633B2	6/14/16
US	Presenting Entity Profile Information To A User Of A Computing Device	Issued	US13534612	6/27/12	US9747583	8/29/17
US	Systems And Methods For Identifying A Returning Web Client	Issued	US13530989	6/22/12	US9165124	10/20/15
US	Displaying Complex Messaging Threads Into A Single Display	Issued	US13493281	6/11/12	US8903928B2	12/2/14
US	Method And System For Generating Recipients While Composing Electronic Mails	Issued	US13481854	5/27/12	US8924492	12/30/14
US	Systems And Methods For Improved Web Searching	Issued	US13465466	5/7/12	US8396885	3/12/13
US	Contextual Application Tracking	Issued	US13461271	5/1/12	US10157389	12/18/18
US	Contextual Application Customization	Issued	US13461108	5/1/12	US10691759	6/23/20
US	Contextual Application Delivery	Issued	US13461010	5/1/12	US10204169	2/12/19
US	System And Method For A	Issued	US13457744	4/27/12	US8788819	7/22/14

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Cloud-Based Electronic Communication Vault					
US	Systems And Methods For Assembling And/Or Displaying Multimedia Objects, Modules Or Presentations	Issued	US13451483	4/19/12	US9600919	3/21/17
US	Statistical Credibility Metric For Online Question Answerers	Issued	US13443834	4/10/12	US10854100	12/1/20
US	Statistical Credibility Metric For Online Question Answerers	Issued	US13443825	4/10/12	US8676634	3/18/14
US	Ranking And Ordering Of User Generated Content	Issued	US13442036	4/9/12	US10152542	12/11/18
US	System And Method For Providing Time-Based Content	Issued	US13435803	3/30/12	US8732747	5/20/14
US	Designing Operations Interface To Enhance Situational Awareness	Issued	US13429043	3/23/12	US9542292	1/10/17
US	Trust Based Moderation	Issued	US13425863	3/21/12	US9576253B2	2/21/17
US	Personalization Of News Articles Based On News Sources	Issued	US13419091	3/13/12	US8745081	6/3/14
US	Creating Rich Experiences In Mail Through Attachments	Issued	US13413351	3/6/12	US8341235B2	12/25/12
US	Method And System For Providing A Structured Topic Drift For A Displayed Set Of User Comments On An Article	Issued	US13400125	2/20/12	US9152948	10/6/15
US	Email System	Issued	US13365690	2/3/12	US8291032	10/16/12
US	System And Method To Enable Private Conversations Around Content	Issued	US13357598	1/24/12	US9621503B2	4/11/17
US	Systems And Methods For Analyzing And Clustering Search Queries	Issued	US13357385	1/24/12	US9098571	8/4/15
US	Method Or System For Content Recommendations	Pending	US13348573	1/11/12		
US	Missed Media System And Method	Issued	US13332696	12/21/11	US9811595	11/7/17
US	Spam Filtering And Person Profiles	Issued	US13324979	12/13/11	US9152952	10/6/15
US	Email Sharing	Issued	US13324531	12/13/11	US9607291	3/28/17
US	Sender-Based Ranking Of Person Profiles And Multi-Person Automatic	Issued	US13324491	12/13/11	US8984074	3/17/15

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Suggestions					
US	Generating A Relationship History	Issued	US13324480	12/13/11	US9183544	11/10/15
US	Method And System For Enhancing User Experience On A Web Content Page By Categorizing Contacts And Relevant Posts	Issued	US13300552	11/19/11	US10108927	10/23/18
US	Publish-Subscribe Based Methods And Apparatuses For Associating Data Files	Issued	US13297131	11/15/11	US9405846B2	8/2/16
US	Exchanging Digital Content	Issued	US13285964	10/31/11	US8538400B2	9/17/13
US	Online Active Learning In User-Generated Content Streams	Issued	US13282285	10/26/11	US9967218B2	5/8/18
US	System And Method For Recommending Content Based On Search History And Trending Topics	Issued	US13282017	10/26/11	US10776431	9/15/20
US	Contextual Search On Digital Images	Issued	US13281440	10/26/11	US9934316	4/3/18
US	Locally Hosting A Social Network Using Social Data Stored On A User'S Computer	Issued	US13272164	10/12/11	US9721228	8/1/17
US	Systems And Methods For Query Optimization	Issued	US13271561	10/12/11	US9128983	9/8/15
US	Method And System For Dynamically Providing Contextually Relevant News Based On An Article Displayed On A Web Page	Issued	US13245808	9/26/11	US10452727	10/22/19
US	Systems And Methods For Contextual Analysis And Segmentation Of Information Objects	Issued	US13241834	9/23/11	US9613135	4/4/17
US	Method And System For Dynamically Providing Contextually Relevant Posts On An Article	Pending	US13233450	9/15/11		
US	Alternate Page Determination For A Requested Target Page	Issued	US13230681	9/12/11	US9043434B1	5/26/15
US	Anti-Spam Transient Entity Classification	Issued	US13222720	8/31/11	US9442881	9/13/16
US	Method And System For Group Communication Across Electronic Mail Users And Feature Phone Users	Issued	US13207423	8/11/11	US10250746	4/2/19
US	Systems And Methods For Identifying And Managing Topical Content For	Issued	US13205172	8/8/11	US8819022	8/26/14

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Websites					
US	Method And System For Personalizing Web Page Layout	Issued	US13193889	7/29/11	US10061860	8/28/18
US	Method And Apparatus For A Search-Enabled Remote Control Device	Issued	US13189785	7/25/11	US9792369	10/17/17
US	Analyzing Content Demand Using Social Signals	Issued	US13185496	7/18/11	US8756279B2	6/17/14
US	Fantasy Sports Trade Evaluator System And Method	Issued	US13180664	7/12/11	US8340794B1	12/25/12
US	Systems And Methods For Providing A Content Item Database And Identifying Content Items	Issued	US13179940	7/11/11	US8954458	2/10/15
US	Systems And Methods For Providing A Spam Database And Identifying Spam Communications	Issued	US13179863	7/11/11	US9407463	8/2/16
US	Systems And Methods For Online Search Recirculation And Query Categorization	Issued	US13156724	6/9/11	US8712999	4/29/14
US	User Trustworthiness	Issued	US13117037	5/26/11	US9519682	12/13/16
US	System For Incrementally Clustering News Stories	Issued	US13117022	5/26/11	US8832105B2	9/9/14
US	Fantasy Sports Roster Management System And Method	Issued	US13106081	5/12/11	US8851998	10/7/14
US	Mining Email Inboxes For Suggesting Actions	Issued	US13105819	5/11/11	US10366341	7/30/19
US	Method And Apparatus Of Analyzing Social Network Data To Identify A Financial Market Trend	Issued	US13104769	5/10/11	US8301545B1	10/30/12
US	Dynamically Determining The Relatedness Of Web Objects	Issued	US13100302	5/4/11	US9262518	2/16/16
US	Real Time Association Of Related Breaking News Stories Across Different Content Providers	Issued	US13084352	4/11/11	US8615518B2	12/24/13
US	Sorting Electronic Messages Using Attributes Of The Sender Address	Issued	US13081705	4/7/11	US8285803	10/9/12
US	Dynamic Aggregation And Display Of Contextually Relevant Content	Issued	US13053917	3/22/11	US8656264	2/18/14
US	Evaluating Supply Of Electronic Content Relating To Keywords	Issued	US13052607	3/21/11	US8799297	8/5/14

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Systems And Methods For Protecting Consumer Privacy In Online Advertising Environments	Issued	US13041768	3/7/11	US8538817B2	9/17/13
US	Systems And Methods To Identify Users Using An Automated Learning Process	Issued	US13020774	2/3/11	US8924956	12/30/14
US	Filtering System For Providing Personalized Information In The Absence Of Negative Data	Issued	US12987046	1/7/11	US8060507	11/15/11
US	System And Method For Social Filtering Of Comments	Issued	US12976628	12/22/10	US10489744	11/26/19
US	Dynamic Online Communities	Issued	US12973813	12/20/10	US8775355B2	7/8/14
US	Personalized Content Delivery System	Issued	US12968251	12/14/10	US8615442	12/24/13
US	Conversational Lexicon Analyzer	Issued	US12968194	12/14/10	US8527269	9/3/13
US	Fast Title/Summary Extraction From Long Descriptions	Issued	US12960828	12/6/10	US9317595	4/19/16
US	Collecting And Presenting Data Including Links From Communications Sent To Or From A User	Issued	US12944650	11/11/10	US9514466	12/6/16
US	Systems And Methods For Electronic Distribution Of Job Listings	Issued	US12912644	10/26/10	US9251516	2/2/16
US	Method And System For Assembling Animated Media Based On Keyword And String Input	Issued	US12903723	10/13/10	US9177407	11/3/15
US	Presenting Modules In A Browser	Issued	US12898655	10/5/10	US9148466B2	9/29/15
US	Content Quality Filtering Without Use Of Content	Issued	US12895777	9/30/10	US9836539B2	12/5/17
US	Fantasy Sport Auction Draft Application Roster Preview Grid	Issued	US12888390	9/22/10	US8475249B2	7/2/13
US	Method Of Recommending Content Via Social Signals	Issued	US12861936	8/24/10	US9240020B2	1/19/16
US	Infinite Browse	Issued	US12825304	6/28/10	US8680979	12/3/13
US	Method And System For Drafting One Or More Players In A Fantasy Sport	Pending	US12813707	6/11/10		
US	Systems And Methods For Improved Web Searching	Issued	US12791481	6/1/10	US8176069	5/8/12
US	Automated Message Attachment Labeling Using Feature Selection In Message	Issued	US12790536	5/28/10	US8825472	9/2/14

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Content					
US	Systems And Methods For Providing A Microdocument Framework For Storage, Retrieval, And Aggregation	Issued	US12762807	4/19/10	US10417334	9/17/19
US	Creating Rich Experiences In Mail Through Attachments	Issued	US12759647	4/13/10	US8156189B2	4/10/12
US	Methods For Detecting And Removing Duplicates In Video Search Results	Issued	US12712149	2/24/10	US8868569	10/21/14
US	Systems And Methods To Provide Server Side Profile Information	Issued	US12638934	12/15/09	US9760866	9/12/17
US	Creating Secure Social Applications With Extensible Types	Issued	US12615986	11/10/09	US9600800	3/21/17
US	Systems And Methods To Automatically Generate A Signature Block	Issued	US12579321	10/14/09	US9087323	7/21/15
US	Systems And Methods For Creating And Updating Reputation Records	Issued	US12570998	9/30/09	US8321516	11/27/12
US	Method And System For Managing Cookies In Web Communications	Issued	US12564867	9/22/09	US8380763B2	2/19/13
US	Detecting Spam From A Bulk Registered E-Mail Account	Issued	US12562792	9/18/09	US8892661	11/18/14
US	Detection Of Outbound Sending Of Spam	Issued	US12561940	9/17/09	US8868663	10/21/14
US	Detecting Bulk Fraudulent Registration Of Email Accounts	Issued	US12561875	9/17/09	US8826450	9/2/14
US	Selecting Sporting Events Based On Event Status	Issued	US12555959	9/9/09	US9348913	5/24/16
US	Method And System For Causing A Browser To Preload Web Page Components	Issued	US12540502	8/13/09	US9436777	9/6/16
US	Systems And Methods For Spam Filtering	Issued	US12535659	8/4/09	US9021028	4/28/15
US	Managing Electronic Addresses Based On Communication Patterns	Issued	US12471351	5/23/09	US11068850	7/20/21
US	Systems And Methods For Reporter-Based Filtering Of Electronic Communications And Messages	Issued	US12458076	6/30/09	US8825769	9/2/14
US	Systems And Methods For Improved Web-Based Document Retrieval And	Issued	US12457758	6/19/09	US9792385	10/17/17

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Object Manipulation					
US	Sorting Electronic Messages Using Attributes Of The Sender Address	Issued	US12414568	3/30/09	US7945633B2	5/17/11
US	Tool For Embedding Comments For Objects In An Article	Issued	US12409344	3/23/09	US9159074B2	10/13/15
US	Electronic Mail Forwarding Service	Issued	US12398044	3/4/09	US8214443	7/3/12
US	Systems And Methods For Providing Culturally-Relevant Search Results To Users	Issued	US12374657	1/20/10	US8700619	4/15/14
US	Generating A Live Chat Session In Response To Selection Of A Contextual Shortcut	Issued	US12368937	2/10/09	US9935793	4/3/18
US	Presentation Of Organized Personal And Public Data Using Communication Mediums	Issued	US12348870	1/5/09	US9584343	2/28/17
US	Spam Filtering Based On Statistics And Token Frequency Modeling	Issued	US12328723	12/4/08	US8364766	1/29/13
US	Composing A Message In An Online Textbox Using A Non-Latin Script	Issued	US12267299	11/7/08	US8122353B2	2/21/12
US	Fantasy Sports Confidence Scores	Issued	US12255597	10/21/08	US8057291	11/15/11
US	Guiding User Moderation By Confidence Levels	Issued	US12242777	9/30/08	US8615512B2	12/24/13
US	Integrating Rich Media Into A Web-Based Calendar	Issued	US12211770	9/16/08	US9785916	10/10/17
US	Targeted Instant Messenger Behaviors Employed For Optimization Of A Client	Issued	US12211078	9/15/08	US10558948	2/11/20
US	Method And System For Managing Digital Content Including Streaming Media	Issued	US12201411	8/29/08	US8176066	5/8/12
US	Contextually Aware Web Application Platform	Issued	US12200783	8/28/08	US9542384B2	1/10/17
US	Real-Time Ad-Hoc Spam Filtering Of Email	Issued	US12188612	8/8/08	US8069128	11/29/11
US	Method And System For Managing Digital Content Including Streaming Media	Issued	US12183567	7/31/08	US9407963	8/2/16
US	Social Aspects Of Content Aggregation, Syndication, Sharing, And Updating	Issued	US12182756	7/30/08	US8032510B2	10/4/11
US	Mechanisms For Content Aggregation, Syndication, Sharing, And Updating	Issued	US12182715	7/30/08	US10185779B2	1/22/19

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Event Notification	Issued	US12168046	7/3/08	US7600046	10/6/09
US	Space-Optimizing Content Display	Issued	US12165592	6/30/08	US10268359	4/23/19
US	Using Currency In Online Fantasy Sports Games	Issued	US12163754	6/27/08	US8052521	11/8/11
US	Search Query User Interface	Issued	US12145079	6/24/08	US9836550	12/5/17
US	Dynamic Embedded Video Player	Issued	US12145046	6/24/08	US9547725	1/17/17
US	Adaptable User Interface	Issued	US12145030	6/24/08	US10460003	10/29/19
US	Friendly Search And Socially Augmented Search Query Assistance Layer	Issued	US12133673	6/5/08	US8055673	11/8/11
US	System And Method For Determining That An Email Message Is Spam Based On A Comparison With Other Potential Spam Messages	Issued	US12132777	6/4/08	US7769815	8/3/10
US	Generating Sharable Recommended And Popular E-Mails	Issued	US12132572	6/3/08	US8738637	5/27/14
US	Filtering Incoming Mails	Issued	US12121268	5/15/08	US8667069	3/4/14
US	Data Access Based On Content Of Image Recorded By A Mobile Device	Issued	US12121259	5/15/08	US8406531	3/26/13
US	Micro-Bucket Testing For Page Optimization	Issued	US12116198	5/6/08	US8126930B2	2/28/12
US	Providing Relevant Non-Requested Content To A Mobile Device	Issued	US12111115	4/28/08	US8463869	6/11/13
US	Device, System And Method Of Handling User Requests	Issued	US12065717	3/4/08	US8447640	5/21/13
US	Systems And Methods For Caching And Serving Dynamic Content	Issued	US12058547	3/28/08	US8370424	2/5/13
US	System And Method For Maintenance Of Questions And Answers Through Collaborative And Community Editing	Issued	US12056818	3/27/08	US10482114	11/19/19
US	Dynamic Contextual Shortcuts	Issued	US12056172	3/26/08	US8694887B2	4/8/14
US	Generating Congruous Metadata For Multimedia	Issued	US12042306	3/4/08	US10216761	2/26/19
US	Content Recommendation Using Third Party Profiles	Issued	US12037700	2/26/08	US8296660	10/23/12
US	Reporting On Spoofed E-Mail	Issued	US12035941	2/22/08	US7950047	5/24/11
US	Blocking Of Spoofed E-Mail	Issued	US12034602	2/20/08	US8381262	2/19/13
US	Peer-To-Peer Access Of Personalized Profiles Using	Issued	US12031389	2/14/08	US8612869	12/17/13

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Content Intermediary					
US	Personalization Techniques Using Image Clouds	Issued	US12018622	1/23/08	US9405830	8/2/16
US	Personalization Techniques Using Image Clouds	Issued	US12018524	1/23/08	US9715543	7/25/17
US	Method And System For Data Collection For Alert Delivery	Issued	US11961953	12/20/07	US7765228	7/27/10
US	Jury System For Use In Online Answers Environment	Issued	US11961853	12/20/07	US8510391	8/13/13
US	Recommendation System Using Social Behavior Analysis And Vocabulary Taxonomies	Issued	US11961599	12/20/07	US9195752B2	11/24/15
US	Social Behavior Analysis And Inferring Social Networks For A Recommendation System	Issued	US11961555	12/20/07	US8073794B2	12/6/11
US	Visual Display Of Fantasy Sports Team Starting Roster Data Trends	Issued	US11959442	12/18/07	US8876607	11/4/14
US	Real-Time Display Of Fantasy Sports Player Transaction Data	Issued	US11959378	12/18/07	US8357044	1/22/13
US	Trust Based Moderation	Issued	US11941009	11/15/07	US8171388B2	5/1/12
US	Method And System For Managing Digital Content Including Streaming Media	Issued	US11931643	10/31/07	US8595340	11/26/13
US	Degree Of Separation For Media Artifact Discovery	Issued	US11897051	8/29/07	US10289749	5/14/19
US	Configuring Output Controls On A Per-Online Identity And/Or A Per-Online Resource Basis	Issued	US11865852	10/2/07	US9338399	5/10/16
US	System And Method For Selectively Displaying Web Page Elements	Issued	US11861482	9/26/07	US8347225	1/1/13
US	Sorting Electronic Messages Using Attributes Of The Sender Address	Issued	US11842792	8/21/07	US7617286B2	11/10/09
US	Page Modules And Providing Content	Issued	US11840168	8/16/07	US8812944	8/19/14
US	Personalized Page Modules	Issued	US11840146	8/16/07	US8302013	10/30/12
US	Systems And Methods For Dynamic Page Creation	Issued	US11836724	8/9/07	US9367639B2	6/14/16
US	System And Method For Streaming Videos Inline With An E-Mail	Issued	US11828218	7/25/07	US7917591	3/29/11
US	Detecting Spam Messages Using Rapid Sender	Issued	US11774460	7/6/07	US7937468	5/3/11

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Reputation Feedback Analysis					
US	Dynamic Aggregation And Display Of Contextually Relevant Content	Issued	US11764462	6/18/07	US7917840B2	3/29/11
US	Method For The Real-Time Distribution Of Streaming Data On A Network	Issued	US11763179	6/14/07	US7849128	12/7/10
US	Hot Within My Communities	Issued	US11752104	5/22/07	US8312108	11/13/12
US	Method And System For Displaying Photos, Videos, Rss And Other Media Content In Full-Screen Immersive View And Grid-View Using A Browserfeature	Issued	US11751540	5/21/07	US8756510	6/17/14
US	Displaying Financial Information Based On Location	Issued	US11737933	4/20/07	US7792738B2	9/7/10
US	Server Evaluation Of Client-Side Script	Issued	US11736467	4/17/07	US8443346	5/14/13
US	User Interface For Transitioning Between Chat And Email	Issued	US11710050	2/23/07	US7756936	7/13/10
US	Film Resource Manager	Issued	US11677874	2/22/07	US7639740B2	12/29/09
US	Player Streaks And Game Data Visualization	Issued	US11644670	12/22/06	US8671354	3/11/14
US	Configuring A Search Engine Results Page With Environment-Specific Information	Issued	US11638061	12/12/06	US7756903	7/13/10
US	Pre-Cognitive Delivery Of In-Context Related Information	Issued	US11635443	12/6/06	US7917520	3/29/11
US	System And Method For The Visualization Of Sports Information	Issued	US11622329	1/11/07	US8108795B2	1/31/12
US	Exchanging Digital Content	Issued	US11618475	12/29/06	US8064894	11/22/11
US	Methods And Systems For Enhancing Internet Experiences	Issued	US11613838	12/20/06	US9740794	8/22/17
US	Collaborative User Query Refinement	Issued	US11613004	12/19/06	US7689540B2	3/30/10
US	Systems And Methods For Providing A Video Playlist	Issued	US11611783	12/15/06	US8713439	4/29/14
US	Graphical Messages	Issued	US11609300	12/11/06	US10416838	9/17/19
US	Automatic Configuration Of Email Client	Issued	US11604193	11/21/06	US10623360	4/14/20
US	Player Roster Selection Interface	Issued	US11603496	11/22/06	US8105159	1/31/12

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
US	Collaborative-Filtering Content Model For Recommending Items	Issued	US11601450	11/17/06	US7584171B2	9/1/09
US	Collaborative-Filtering Contextual Model Based On Explicit And Implicit Ratings For Recommending Items	Issued	US11601449	11/17/06	US7590616B2	9/15/09
US	Collaborative-Filtering Contextual Model Optimized For An Objective Function For Recommending Items	Issued	US11601447	11/17/06	US7574422B2	8/11/09
US	Statistical Credibility Metric For Online Question Answerers	Issued	US11583413	10/18/06	US8155998	4/10/12
US	Popularity Of Content Items	Issued	US11555526	11/1/06	US8364669	1/29/13
US	Packaging Web Content For Reuse	Issued	US11554449	10/30/06	US7783967B1	8/24/10
US	Authority Management For Electronic Searches	Issued	US11548055	10/10/06	US8874586	10/28/14
US	Platform For Rendering Content For A Remote Device	Issued	US11537593	9/29/06	US10452756	10/22/19
US	Distributed Image Storage Architecture	Issued	US11534920	9/25/06	US7526511B2	4/28/09
US	User Query Data Mining And Related Techniques	Issued	US11531245	9/12/06	US7617208B2	11/10/09
US	Content Structures And Content Navigation Interfaces	Issued	US11502680	8/11/06	US9880702	1/30/18
US	Fantasy Sports Alert Generator	Issued	US11495087	7/28/06	US8403756	3/26/13
US	Fantasy Sports Agent	Issued	US11495074	7/28/06	US8568236	10/29/13
US	Techniques For Searching Future Events	Issued	US11463978	8/11/06	US7668813B2	2/23/10
US	Displaying Complex Messaging Threads Into A Single Display	Issued	US11462701	8/5/06	US8200762	6/12/12
US	Enhanced Favorites Service For Web Browsers And Web Applications	Issued	US11424452	6/15/06	US9268867	2/23/16
US	Providing Relevant Non-Requested Content To A Mobile Device	Issued	US11422539	6/6/06	US8732234	5/20/14
US	Player Roster Selection Interface	Issued	US11406663	4/18/06	US8206214	6/26/12
US	Throttling Electronic Communications From One Or More Senders	Issued	US11330340	1/12/06	US7788329B2	8/31/10
US	Visually-Represented Results To Search Queries In Rich Media Content	Issued	US11321044	12/30/05	US8751502	6/10/14

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US	Tracking And Blocking Of Spam Directed To Clipping Services	Issued	US11303318	12/15/05	US7706263	4/27/10
US	User Interface System For Handheld Devices	Issued	US11303289	12/16/05	US8327297	12/4/12
US	Electronic Information Caching	Issued	US11276586	3/6/06	US8751599	6/10/14
US	System And Method For Providing Improved Access To A Search Tool In Electronic Mail-Enabled Applications	Issued	US11256000	10/24/05	US7836064	11/16/10
US	Identifying Unauthorized Communication Systems Based On Their Memory Contents	Issued	US11216027	9/1/05	US7516496B2	4/7/09
US	Enhanced Favorites Service For Web Browsers And Web Applications	Issued	US11197681	8/3/05	US8739020	5/27/14
US	Real-Time Play Valuation	Issued	US11186502	7/21/05	US8210916	7/3/12
US	Content Router	Issued	US11182287	7/14/05	US7849199	12/7/10
US	System And Method For Providing Time-Based Content	Issued	US11104326	4/11/05	US8250599	8/21/12
US	Method And Apparatus For A Search-Enabled Remote Control Device	Issued	US11104251	4/11/05	US8015184	9/6/11
US	System And Method For Presenting Search Results	Issued	US11104175	4/11/05	US8930358	1/6/15
US	Streaming Media Content Delivery System And Method For Delivering Streaming Content	Issued	US11094055	3/30/05	US7860993	12/28/10
US	Associating A Postmark With A Message To Indicate Trust	Issued	US11080734	3/14/05	US7831834	11/9/10
US	Method And System For Delivery Alerts To A User	Issued	US10866066	6/11/04	US7346630	3/18/08
US	Method And System For Data Collection For Alert Delivery	Issued	US10866065	6/11/04	US7334001	2/19/08
US	Method And System For Alert Delivery Architecture	Issued	US10866064	6/11/04	US7143118	11/28/06
US	Method And System For Segmentation Of A Message Inbox	Issued	US10856007	5/27/04	US7428579	9/23/08
US	Method And System For Authenticating A Message Sender Using Domain Keys	Issued	US10805181	3/19/04	US7313700	12/25/07
US	Community-Based Green List For Antispam	Issued	US10790332	3/1/04	US7181498	2/20/07

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US	Method And System For Generating Recommendations	Issued	US10789869	2/26/04	US10339538	7/2/19
US	System And Method For Monitoring Delivery Of Digital Content, Including Streaming Media	Issued	US10789644	2/27/04	US7373415	5/13/08
US	Method And System For Managing Digital Content Including Streaming Media	Issued	US10773532	2/6/04	US7849207	12/7/10
US	Tailoring Notifications Through Resource Specific Notification Controls	Issued	US10747259	12/30/03	US9374266	6/21/16
US	Online Adaptive Filtering Of Messages	Issued	US10743015	12/23/03	US8214437	7/3/12
US	Access Control And Metering System For Streaming Media	Issued	US10680507	10/6/03	US7383229B2	6/3/08
US	Method And System For Authenticating A Message Sender Using Domainkeys	Issued	US10671319	9/24/03	US6986049	1/10/06
US	Space-Optimizing Content Display	Issued	US10651476	8/29/03	US7395500	7/1/08
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	Issued	US10651473	8/29/03	US7469302	12/23/08
US	Method And System For Rule Based Indexing Of Multiple Data Structures	Issued	US10625141	7/23/03	US7308464B2	12/11/07
US	System And Method For Communicating Images Between Intercommunicating Users	Issued	US10609183	6/26/03	US7509377	3/24/09
US	System And Method For Automated Mapping Of Keywords And Key Phrases To Documents	Issued	US10485108	2/3/04	US9946788	4/17/18
US	Integration Of E-Mail With Instant Messaging Services	Issued	US10471068	3/7/01	US7525951B2	4/28/09
US	Method And System For Managing Digital Content, Including Streaming Media	Issued	US10466132	7/9/03	US7640320	12/29/09
US	Sorting Electronic Messages Using Attributes Of The Sender Address	Issued	US10418373	4/18/03	US7290033B1	10/30/07
US	Film Resource Manager	Issued	US10334130	12/31/02	US7197071B1	3/27/07
US	Parallel Scanning And	Issued	US10330545	12/30/02	US7379215B1	5/27/08

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	Processing System					
US	Post-Production Processing	Issued	US10284461	10/31/02	US7376183B2	5/20/08
US	Email System	Issued	US10267004	10/7/02	US8117264	2/14/12
US	Method For The Real-Time Distribution Of Streaming Data On A Network	Issued	US10132974	4/25/02	US7305483	12/4/07
US	Distributed Image Storage Architecture	Issued	US10007696	12/10/01	US7197513B2	3/27/07
US	Metadata Quality Improvement	Issued	US09876942	6/8/01	US7925967B2	4/12/11
US	Throttling Electronic Communications From One Or More Senders	Issued	US09876064	6/8/01	US7032023B1	4/18/06
US	Method And System For Displaying Related Components Of A Media Stream That Has Been Transmitted Over A Computer Network	Issued	US09859564	5/16/01	US6903779	6/7/05
US	Unsolicited Electronic Mail Reduction	Issued	US09774439	1/31/01	US7149778B1	12/12/06
US	Electronic Information Caching	Issued	US09750027	12/29/00	US7039683B1	5/2/06
TW	Method And System For Enabling Access To A Web Service Provider Through Login Based Badges Embedded In A Third Party Site	Issued	TW98129361	9/1/09	TWI397297B	5/21/13
TW	Client Device, Server Device, Method, And Processor For Managing Software Updates	Issued	TW98128767	8/27/09	TWI562069B	12/11/16
TW	Method, Article And Apparatus For Web Page Serving	Issued	TW98123016	7/8/09	TWI468955B	1/11/15
TW	Ordering Relevant Content By Time For Determining Top Picks	Issued	TW98115245	5/8/09	TWI426400B	2/11/14
TW	Data Access Based On Content Of Image Recorded By A Mobile Device	Issued	TW98114686	5/4/09	TWI524801B	3/1/16
TW	Computer-Implemented Method And Computer-Readable Medium For Providing Access To Content	Issued	TW98106650	3/2/09	TWI416344B	11/21/13
TW	Device, Method, System, And Processor Readable Medium For Event Communication Platform For Mobile Device Users	Issued	TW98104554	2/12/09	TWI393064B	4/11/13

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
TW	A Method, System And Apparatus For Recommending Items Or People Of Potential Interest To Users In A Computer-Based Network	Issued	TW97149124	12/17/08	TWI408560B	9/11/13
TW	Trust Based Moderation	Issued	TW97141549	10/29/08	TWI383329B	1/21/13
TW	System And Method Of Responding To Abuse Report In Online Community And Computer-Readable Media Thereof	Issued	TW97139861	10/17/08	TWI413008B	10/21/13
TW	Method, Computer Program And System Of Creating A Personalized Homepage	Issued	TW97135782	9/18/08	TWI443531B	7/1/14
TW	Method, Apparatus And Computer-Readable Storage Medium For Media Asset Generation	Issued	TW97131533	8/19/08	TWI522952B	2/21/16
TW	Safe Web Based Interactions	Issued	TW97131177	8/15/08	TWI363977B	5/11/12
TW	Method And System For Providing Content Within Page Modules	Issued	TW97129534	8/4/08	TWI490729B	7/1/15
TW	Systems And Methods For Dynamic Page Creation	Issued	TW97129234	8/1/08	TWI514171B	12/21/15
TW	A System And Method For Streaming Videos Inline With An Email	Issued	TW97128474	7/25/08	TWI474185B	2/21/15
TW	Establishing And Updating Reputation Scores In Online Participatory Systems	Issued	TW97122752	6/18/08	TWI430196B	3/11/14
TW	Method And Computer Program Product For Sharing Media Item	Issued	TW97119838	5/29/08	TWI528824B	4/1/16
TW	Electronic Bill Process Automation	Issued	TW97115640	4/29/08	TWI494882B	8/1/15
TW	Transaction Method For Maintaining Transaction Law And Order In Electronic Commerce And Its Transaction System	Issued	TW97109459	3/18/08	TWI474272B	2/21/15
TW	Computer Program Product And Method For Transitioning Between Chat And Email	Issued	TW97106260	2/22/08	TWI427484B	2/21/14
TW	An Order Credit-Verifying Method, An Account-Transferring Collection Method And Its Application	Issued	TW97105320	2/15/08	TWI377514B	11/21/12

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
TW	Unified Payment Method For Web-Shopping	Issued	TW96123671	6/29/07	TW1397863B	6/1/13
TW	Improved Browser User Interface	Issued	TW92125223	9/12/03	TW1304549B	12/21/08
TW	Computerized System And Method For Automatically Performing An Implicit Message Search	Pending	TW107137655	10/25/18		
TW	Computerized System And Method For Controlling Electronic Messages And Their Responses After Delivery	Pending	TW107137629	11/7/18		
TW	On Demand Passwords	Issued	TW105107310	3/10/16	TW1637286B	10/1/18
TW	System And Method For Object Search, Mobile Communication Device Using The Same	Issued	TW104113847	4/30/15	TW1560563B	12/1/16
TW	Method And System For Evaluating User Satisfaction With Respect To A User Session	Issued	TW104104680	2/12/15	TW1672598B	9/21/19
TW	Compressed Serialization Of Data For Communication From A Client-Side Application	Issued	TW104102499	1/26/15	TW1590157B	7/1/17
TW	Method, System And Wearable Devices For Presenting Multimedia Interface	Issued	TW103130357	9/3/14	TW1566123B	1/11/17
TW	Method, Apparatus, Computer-Readable Media, Computer Program Product And Computer System For Supplementing An Article Of Content	Issued	TW103128751	5/12/11	TW1529549B	4/11/16
TW	Image Search Method, And Mobile Communication Device, Database Management System And Computer Program Product Using The Same	Issued	TW103127203	8/8/14	TW1554899B	10/21/16
TW	Visual Clothing Retrieval	Issued	TW103113196	4/10/14	TW1559242B	11/21/16
TW	Real Time Object Scanning Using A Mobile Phone And Cloud-Based Visual Search Engine	Issued	TW103104388	2/11/14	TW1586160B	6/1/17
TW	Mobile Device For Information Encryption And Transferring And Method Thereof	Issued	TW102142799	11/25/13	TW1512532B	12/11/15

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
TW	Server For Information Encryption And Transferring And Method Thereof	Issued	TW102142798	11/25/13	TW1520003B	2/1/16
TW	Method For Presenting Infinite Wheel User Interface	Issued	TW102113412	4/16/13	TW1613583B	2/1/18
TW	Contextual Application Delivery	Issued	TW102113411	4/16/13	TW1521422B	2/11/16
TW	Online Transaction Method	Issued	TW102101590	1/16/13	TW1634503B	9/1/18
TW	Real Time Association Of Related Breaking News Stories Across Different Content Providers	Issued	TW101110515	3/27/12	TW1489409B	6/21/15
TW	Method, Apparatus, Computer-Readable Media, Computer Program Product And Computer System For Supplementing An Article Of Content	Issued	TW100116629	5/12/11	TW1461939B	11/21/14
IL	Method And Apparatus For Automatically Summarizing The Contents Of Electronic Documents	Issued	IL231802	9/11/12	IL231802D0	5/28/14
GB	System And Method For Communicating Images Between Intercommunicating Users	Issued	GB3742302	6/26/03	GB1556956	3/7/18
GB	Method For The Real-Time Distribution Of Streaming Data On A Network	Issued	GB3721911	4/25/03	GB1540536	1/6/16
GB	Compression Of Serialized Data For Communication From A Client-Side Application	Issued	GB15153291	1/30/15	GB2903241	4/22/20
GB	Text Compression	Pending	GB12846059	10/14/11		
GB	System And Method For Communicating Images Between Intercommunicating Users	Issued	GB12152007	6/26/03	GB2469716	12/4/13
GB	Method And System For Assembling Animated Media Based On Keyword And String Input	Issued	GB10825428	10/13/10	GB2491536	6/12/19
FR	Method And System For Assembling Animated Media Based On Keyword And String Input	Issued	FR10825428	10/13/10	FR2491536	6/12/19
EP	Contextual Application Delivery	Pending	EP20192361	4/5/13		
EP	Computerized System And Method For Automatically	Pending	EP17776181	2/28/17		

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
	Detecting And Rendering Highlights From Streaming Videos					
EP	Compression Of Serialized Data For Communication From A Client-Side Application	Issued	EP15153291	1/30/15	EP2903241B1	4/22/20
EP	Method And Apparatus For Automatically Summarizing The Contents Of Electronic Documents	Issued	EP12846059	9/11/12	EP2756425B1	11/11/20
EP	System And Method For Communicating Images Between Intercommunicating Users	Issued	EP12152007	6/26/03	EP2469716B1	12/4/13
EP	Sender-Based Ranking Of Person Profiles And Multi-Person Automatic Suggestions	Pending	EP11849271	12/14/11		
EP	Method And System For Assembling Animated Media Based On Keyword And String Input	Issued	EP10825428	10/13/10	EP2491536	6/12/19
EP	Customizable Content For Distribution In Social Networks	Pending	EP09830764	8/31/09		
EP	Approach For Tracking Data	Issued	EP05077253	10/30/01	EP1630641B1	6/3/15
EP	System And Method For Communicating Images Between Intercommunicating Users	Issued	EP03742302	6/26/03	EP1556956B1	3/7/18
EP	Method For The Real-Time Distribution Of Streaming Data On A Network	Issued	EP03721911	4/25/03	EP1540536	1/6/16
EP	Approach For Tracking Data	Issued	EP01991123	10/30/01	EP1362351B1	10/5/05
DE	System And Method For Communicating Images Between Intercommunicating Users	Issued	DE37423027	6/26/03	DE60351025.6	3/7/18
DE	Method For The Real-Time Distribution Of Streaming Data On A Network	Issued	DE3721911	4/25/03	DE60348415.8	1/6/16
DE	Compression Of Serialized Data For Communication From A Client-Side Application	Issued	DE151532918	1/30/15	DE602015050974.9	4/22/20
DE	Method And Apparatus For Automatically Summarizing The Contents Of Electronic Documents	Issued	DE128460599	9/11/12	DE602012073220.2	11/11/20

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
DE	System And Method For Communicating Images Between Intercommunicating Users	Issued	DE121520076	6/26/03	DE60345410	12/4/13
DE	Method And System For Assembling Animated Media Based On Keyword And String Input	Issued	DE108254285	10/13/10	DE602010059444	6/12/19
CN	For Automatically Carrying Out The Computerized System And Method For Implicit Message Search	Pending	CN201811315184	11/6/18		
CN	Control The Computer System And Method For Electronic Information And Its Response After Transmitting	Issued	CN201811313254	11/6/18	CNZL201811313254.3	8/20/21
CN	Computerized System And Method For Automatically Detecting And Rendering Highlights From Streaming Videos	Issued	CN201780022124	2/28/17	CNZL201780022124	12/11/20
CN	Method And System For Merging Data	Pending	CN201610740613	8/26/16		
CN	System And Method For Contents Processing	Issued	CN201580008305	1/5/15	CN106030566B	3/1/19
CN	Systems And Methods For Delivering Task-Oriented Content	Issued	CN201580008304	1/5/15	CNZL201580008304.5	2/18/20
CN	Compressed Sequence Is Carried Out To Transmit From Client Application To Data	Issued	CN201510038468	1/26/15	CN104820668B	6/7/19
CN	Data Access Based On Content Of Image Recorded By A Mobile Device	Issued	CN201410374755	4/20/09	CN104239408	5/17/19
CN	Contextual Application Delivery	Issued	CN201380021793	4/5/13	CN104254847B	6/12/18
CN	Method And Apparatus For Automatically Summarizing The Contents Of Electronic Documents	Issued	CN201280049625	9/11/12	CN103874994	9/8/17
CN	Infinite Browse	Issued	CN201180025293	4/25/11	CNZL201180025293.3	8/24/16
CN	Method And System For Assembling Dynamic Animated Media Based On Keyword And String Input	Issued	CN201080058453	10/13/10	CN102754127	8/31/16
CN	Interest Manager	Issued	CN200980136904	9/23/09	CNZL200980136904.4	4/15/15
CN	Data Access Based On Content Of Image Recorded By A Mobile Device	Issued	CN200980116509	4/20/09	CN102017661	8/20/14

Country	Title	Status	Application No	Filing Date	Patent No.	Issue Date
CN	Method And Apparatus For Utilizing Social Network Information For Showing Reviews	Issued	CN2009801165	5/1/09	CN200980116507	4/2/14
CN	Computer-Implemented Method For Providing Access To Content	Issued	CN200980107602	2/24/09	CN200980107602.4	6/18/14
CN	Executing Software Performance Test Jobs In A Clustered System	Issued	CN200980103883	1/27/09	CNZL200980103883.6	8/14/13