PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5833872

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
AOL INC.	07/01/2013
AOL ADVERTISING INC.	07/01/2013
BUYSIGHT, INC.	07/01/2013
MAPQUEST, INC.	07/01/2013
PICTELA, INC.	07/01/2013

RECEIVING PARTY DATA

Name:	JPMORGAN CHASE BANK, N.A., AS ADMINISTRATIVE AGENT
Street Address:	10 S. DEARBORN, 7TH FLOOR
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60603

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16656154

CORRESPONDENCE DATA

Fax Number:	(202)450-5538

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

Phone:	2028083550
Email:	tcoates@bomcip.com
Correspondent Name:	BOOKOFF MCANDREWS, PLLC
Address Line 1:	2020 K STREET, NW
Address Line 2:	SUITE 400
Address Line 4:	WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	00008-0195-01000
NAME OF SUBMITTER:	PABLO HUERTA
SIGNATURE:	/Pablo Huerta/
DATE SIGNED:	11/22/2019

Total Attachments: 20

source=Assignment 2 of 4#page1.tif
source=Assignment 2 of 4#page2.tif
source=Assignment 2 of 4#page3.tif
source=Assignment 2 of 4#page4.tif
source=Assignment 2 of 4#page5.tif
source=Assignment 2 of 4#page6.tif
source=Assignment 2 of 4#page7.tif
source=Assignment 2 of 4#page8.tif
source=Assignment 2 of 4#page9.tif
source=Assignment 2 of 4#page10.tif
source=Assignment 2 of 4#page11.tif
source=Assignment 2 of 4#page12.tif
source=Assignment 2 of 4#page13.tif
source=Assignment 2 of 4#page14.tif
source=Assignment 2 of 4#page15.tif
source=Assignment 2 of 4#page16.tif
source=Assignment 2 of 4#page17.tif
source=Assignment 2 of 4#page18.tif
source=Assignment 2 of 4#page19.tif
source=Assignment 2 of 4#page20.tif

GRANT OF
SECURITY INTEREST IN PATENT RIGHTS

This GRANT OF SECURITY INTEREST IN PATENT RIGHTS ("Agreement"), effective as of July 1, 2013, is made by AOL Inc., a Delaware corporation, AOL Advertising Inc., a Maryland corporation, Buysight, Inc., a Delaware corporation, MapQuest, Inc., a Delaware corporation, Pictela, Inc., a Delaware corporation (collectively, the "Obligors"), in favor of JPMorgan Chase Bank, N.A., a national banking association, as Administrative Agent (the "Agent") for the several banks and other financial institutions or entities (the "Lenders"), parties to the Credit Agreement, dated as of July 1, 2013 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among AOL Inc., a Delaware Corporation (the "Borrower"), the Lenders from time to time parties thereto, and the Agent.

W I T N E S S E T H:

WHEREAS, pursuant to the Credit Agreement, the Lenders have severally agreed to make Loans and other extensions of credit to the Borrower upon the terms and subject to the conditions set forth therein; and

WHEREAS, in connection with the Credit Agreement, the Borrower and certain of its subsidiaries have executed and delivered a Guarantee and Collateral Agreement, dated as of July 1, 2013, in favor of the Agent (together with all amendments and modifications, if any, from time to time thereafter made thereto, the "Guarantee and Collateral Agreement"); and

WHEREAS, pursuant to the Guarantee and Collateral Agreement, the Obligors assigned, transferred and granted to the Agent for the benefit of the Agent and the Lenders a security interest in certain Intellectual Property, including the patents and patent applications set forth on Schedule A hereto (the "Patents").

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and in order to induce the Lenders to make Loans and other financial accommodations to the Borrower pursuant to the Credit Agreement, the Obligors agree, for the benefit of the Agent and the Lenders, as follows:

SECTION 1. <u>Definitions</u>. Unless otherwise defined herein or the context otherwise requires, terms used in this Agreement, including its preamble and recitals, have the meanings provided or provided by reference in the Credit Agreement and the Guarantee and Collateral Agreement.

SECTION 2. Grant of Security Interest. The Obligors hereby grant a security interest in all of the Obligors' right, title and interest in, to and under the Patents to the Agent for the benefit of the Agent and the Lenders to secure payment, performance and observance of the Obligations.
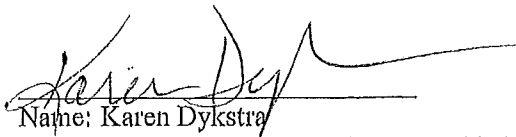
SECTION 3. <u>Purpose</u>. This Agreement has been executed and delivered by the Obligors for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office. The security interest granted hereby has been granted to the Lenders in connection with the Guarantee and Collateral Agreement and is expressly subject to the terms and conditions thereof. The Guarantee and Collateral Agreement (and all rights and remedies of the Lenders thereunder) shall remain in full force and effect in accordance with its terms.

SECTION 4. <u>Acknowledgment</u>. The Obligors do hereby further acknowledge and affirm that the rights and remedies of the Lenders with respect to the security interest in the Patents granted hereby are more fully set forth in the Credit Agreement and the Guarantee and Collateral Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the terms of the Guarantee and Collateral Agreement, the terms of the Guarantee and Collateral Agreement shall govern.

SECTION 5. <u>Counterparts</u>. This Agreement may be executed in counterparts, each of which will be deemed an original, but all of which together constitute one and the same original.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the day and year first above written.

AOL INC.

By: _____
Name: Karen Dykstra
Title: Executive Vice President and Chief Financial Officer

[Signature Page to Grant of Security Interest in Patent Rights]

AOL ADVERTISING INC.

By: _____
     Name: Matthew Kelpy
     Title: Vice President, Controller, and Treasurer

BUYSIGHT, INC.

By: _____
     Name: Matthew Kelpy
     Title: Vice President, Controller, and Treasurer

MAPQUEST, INC.

By: _____
     Name: Matthew Kelpy
     Title: Vice President, Controller, and Treasurer

PICTELA, INC.

By: _____
     Name: Matthew Kelpy
     Title: Vice President, Controller, and Treasurer

[Signature Page to Grant of Security Interest in Patent Rights]

JPMORGAN CHASE BANK, N.A.,
as Administrative Agent for the Lenders

By: _____
Name: Tina Ruyter
Title: Executive Director

SCHEDULE A

U.S. Patent Registrations and Applications

U.S. Pending Patents

Grantor	Patent	Patent or Application Number
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	29/376,570
AOL Advertising Inc.	Ad Generation Including Procedures for Optimal Effectiveness	11/796,135
AOL Advertising Inc.	Lag Compensated Performance Prediction	11/819,058
AOL Advertising Inc.	Method and System For Media Initialization Via Data Sharing	13/618,164
AOL Advertising Inc.	Methods and Systems for Data Validation in a Client-Server Environment	12/917,463
AOL Advertising Inc.	Mobile Communications Device	11/023,632
AOL Advertising Inc.	Partitioning Mobile Advertising Inventory	12/850,568
AOL Advertising Inc.	System and Methods for Contextual Segmentation Using Dynamically-Derived Topics	13/241,856
AOL Advertising Inc.	Systems and Methods For Accessing First Party Cookies	13/777,914
AOL Advertising Inc.	Systems and Methods for Administering an Online Advertiser Bidding Interface	12/565,187
AOL Advertising Inc.	Systems and Methods for Advertising on Content-Screened Web Pages	12/612,270
AOL Advertising Inc.	Systems and Methods for Allocating Electronic Advertising Opportunities	11/984,244
AOL Advertising Inc.	Systems and Methods for Contextual Analysis and Segmentation of Information Objects	13/241,834
AOL Advertising Inc.	Systems And Methods For Controlling Bidding For Online Advertising Campaigns	12/385,552
AOL Advertising Inc.	Systems And Methods For Controlling Initialization Of Advertising Campaigns	12/385,554
AOL Advertising Inc.	Systems And Methods For Controlling Online Advertising Campaigns	13/416,796
AOL Advertising Inc.	Systems and Methods For Determining Bids For Placing Advertisements	13/465,568
AOL Advertising Inc.	Systems And Methods For Displaying Digital Content And Advertisements Over Electronic Networks	13/668,828
AOL Advertising Inc.	Systems and Methods for Generating a Forecasting Model and Forecasting Future Values	13/243,193
AOL Advertising Inc.	Systems and Methods for Generating Expanded User Segments	12/775,826

Grantor	Patent	Patent or Application Number
AOL Advertising Inc.	Systems and Methods For Improved Sorting Using Intelligent Partitioning And Termination	13/765,312
AOL Advertising Inc.	Systems and Methods For Online Auction of Diverse Advertisements	13/829,019
AOL Advertising Inc.	Systems and Methods for Online User Profiling and Segmentation	12/558,891
AOL Advertising Inc.	Systems and Methods For Optimizing Advertising Spending Using a User Influenced Advertisement Policy	13/837,385
AOL Advertising Inc.	Systems and Methods For Partitioning Advertisements	13/053,581
AOL Advertising Inc.	Systems and Methods For Requesting Electronic Programming Content Through Internet Content Or Advertising	13/840,873
AOL Advertising Inc.	Systems and Methods For Sponsorship Fulfillment and Control	13/841,187
AOL Advertising Inc.	Systems And Methods For Spreading Online Advertising Campaigns	12/385,553
AOL Advertising Inc.	Systems And Methods For Advertisement And Content Optimization Over An Electronic Network	13/734,587
AOL Inc.	A Media File Format, System, and Method	13/489,273
AOL Inc.	A Media Protocol and System	10/830,407
AOL Inc.	A Network Scoring System and Method	13/620,583
AOL Inc.	A Portion of a Display Screen	29/434,893
AOL Inc.	A Rule-based Playlist Engine	11/619,554
AOL Inc.	A System And Method For Interapplication Communications	11/465,183
AOL Inc.	A system and method for subject matter notifications	10/747,254
AOL Inc.	A system and method for tailoring notifications	10/747,259
AOL Inc.	A System and Method for Using a Streaming Protocol	12/576,784
AOL Inc.	Advertisement Delivery	09/695,844
AOL Inc.	Advertisement Within An Electronic Program Guide	11/927,055
AOL Inc.	Advertising Forecast and Revenue Systems and Methods	13/001,772
AOL Inc.	Advertising Infrastructure for Delivered Messages	11/557,757
AOL Inc.	Alerts for Monitoring User Status	11/553,768
AOL Inc.	Annotated Communication	11/936,373
AOL Inc.	Annotation of Digital Items In A Shared List	13/423,001
AOL Inc.	Announcing New Users of an Electronic Communications System to Existing Users	11/015,476
AOL Inc.	Application Unlock	11/926,644
AOL Inc.	Asynchronous Data Protocol	09/582,297
AOL Inc.	Authority Management for Electronic Searches	11/548,055

Grantor	Patent	Patent or Application Number
AOL Inc.	Biasing of Search Result Clustering to Ensure More Effective Point of Interest (POI) Targeting	12/833,533
AOL Inc.	Buddy Share	10/535,203
AOL Inc.	Chat Room Viewing	13/893,233
AOL Inc.	Client Application Fingerprinting Based On Analysis Of Client Requests	13/584,494
AOL Inc.	Client Web Cache	12/026,772
AOL Inc.	Communication System and Method	13/902,611
AOL Inc.	Community Generated Playlists	11/970,461
AOL Inc.	Community Mapping and Direction Indicating	12/013,254
AOL Inc.	Computer-Implemented Methods and Systems for Testing Online Systems and Content	12/964,420
AOL Inc.	Conditional Advertising For Instant Messaging	11/781,484
AOL Inc.	Conference Calls and Meetings via Electronic Messaging Interface	13/617,934
AOL Inc.	Configuring Output Controls on a Per-Online Identity and/or a Per-Online Resource Basis	11/865,852
AOL Inc.	Content Distribution Tracking through Wireless Mesh Networks	11/463,371
AOL Inc.	Content Protection Through The Audio And Video Decrypting And Decoding Device	09/833,173
AOL Inc.	Content Recommendation Using Third Party Profiles	13/614,816
AOL Inc.	Culturally Relevant Search Results	12/374,657
AOL Inc.	Detecting and Remedying Unauthorized Computer Programs	11/321,038
AOL Inc.	Device Authentication for Accessing Web Services	11/031,957
AOL Inc.	Digital Asset Hosting and Distribution	11/556,538
AOL Inc.	Digital Audio And Video Distribution Transmission And Playback	10/416,292
AOL Inc.	Digital Content Distribution and Subscription System	10/416,321
AOL Inc.	Displaying Advertisements In a Computer Network Environment	13/620,278
AOL Inc.	Displaying Complex Messaging Threads Into A Single Display	13/493,281
AOL Inc.	Distributing Personalized Content	13/751,859
AOL Inc.	Dynamic Aggregation And Display Of Contextually Relevant Content	13/053,917
AOL Inc.	Electronic Information Caching	11/276,586
AOL Inc.	Electronic Mail Forwarding Service	13/540,400
AOL Inc.	Enabling An IM User To Navigate A Virtual World	11/850,235
AOL Inc.	Enabling And Exercising Control Over Selected Sounds Associated With Incoming Communications	12/089,857
AOL Inc.	Enabling Programming of Recordings	13/675,170

Grantor	Patent	Patent or Application Number
AOL Inc.	Enhanced Buddy List Interface	10/715,205
AOL Inc.	Enhanced Favorites Service for Web Browsers and Web Applications	11/197,681
AOL Inc.	Enhanced Favorites Service for Web Browsers and Web Applications	11/424,452
AOL Inc.	Establishing Access Controls In a Premise-Based Environment	10/330,542
AOL Inc.	Evaluating Supply of Electronic Content Relating to Keywords	13/052,607
AOL Inc.	Exchanging Digital Content	13/285,964
AOL Inc.	Filtering System for Providing Personalized Information in the Absence of Negative Data	13/289,222
AOL Inc.	Generating And Implementing A-Lists To Manage User Relationships	13/442,621
AOL Inc.	Generic Download And Upload Functionality In A Client/Server Web Application Architecture	11/294,182
AOL Inc.	History-Based Tracking Of User Preference Settings	12/126,770
AOL Inc.	Home based Web Services and Security Enforcement	11/126,268
AOL Inc.	Identifying Callers	11/746,243
AOL Inc.	Implied Presence Detection In A Communication System	11/292,645
AOL Inc.	Instant Messaging Application Configuration Based On Virtual World Activities	11/937,345
AOL Inc.	Instant Messaging Gateway for Directory and Anonymous Services	11/226,455
AOL Inc.	Intelligent Deliverable Message Annotation	11/952,424
AOL Inc.	Intelligent Management Of Application Connectivity	13/595,415
AOL Inc.	Internet Content Marking	11/548,785
AOL Inc.	Interstitial Multimedia Advertising Targeted Based Upon Search Query	11/173,799
AOL Inc.	Local Proxy Server for Access Control Lists	13/149,282
AOL Inc.	Location-Based Parental Controls	11/618,689
AOL Inc.	Loosely Coupled Enterprise Infrastructure Name Space Management (Lightweight DNS Management Protocol - LDMP)	11/941,897
AOL Inc.	Managing Access to Digital Content Sources	13/615,375
AOL Inc.	Matching Members with Shared Interests	10/703,662
AOL Inc.	Mechanism For Rendering Advertising Objects Into Featured Content	13/780,044
AOL Inc.	Metadata Quality Improvement	13/083,880
AOL Inc.	Method Of Collecting Data Using An Embedded Media Player Page	12/943,724
AOL Inc.	Method of Disseminating Advertisements Using an Embedded Media Player Page	13/399,602

Grantor	Patent	Patent or Application Number
AOL Inc.	Method of Sizing An Embedded Media Player Page	10/415,210
AOL Inc.	Methods and Systems for Identifying Local Search Queries	13/633,488
AOL Inc.	Methods and Systems for Providing Location-Based Communication Services	12/230,357
AOL Inc.	Methods and Systems for Restricting Electronic Content Based on Guardian Control Decisions	13/720,443
AOL Inc.	Methods for Providing Digital Bundling Services to Users	13/887,258
AOL Inc.	Migrating Rating Configuration Information Based On User Identity Information	13/616,006
AOL Inc.	Mobile Account Access Through A Data Processing System	11/804,628
AOL Inc.	Monitoring Conversations To Identify Topics Of Interest	12/124,104
AOL Inc.	Network Management	11/941,901
AOL Inc.	Offline Away Messages	13/899,895
AOL Inc.	Online Adaptive Filtering of Messages	13/541,033
AOL Inc.	Ordering of Conversations Based on Monitored Recipient User Interaction With Corresponding Electronic Messages	12/089,852
AOL Inc.	Page Views For Proxy Servers	13/243,828
AOL Inc.	Passively Populating a Participant List with Known Contacts	11/015,423
AOL Inc.	Peer-To-Peer Access Of Personalized Profiles Using Content as an Intermediary	12/031,389
AOL Inc.	Personalization Techniques Using Image Clouds	12/018,524
AOL Inc.	Personalization Techniques Using Image Clouds	12/018,622
AOL Inc.	Personalized Content	11/563,663
AOL Inc.	Personalizing Content Based on Mood	13/758,514
AOL Inc.	Popularity Index	11/464,816
AOL Inc.	Popularity of Content Items	13/750,202
AOL Inc.	Promoting Interoperability of Online Messaging Systems Through the Use of Ubiquitous Online Identities	11/561,880
AOL Inc.	Promoting Interoperability of Online Messaging Systems Through the Use of Ubiquitous Online Identities	11/561,886
AOL Inc.	Promoting Interoperability Of Presence-Based Systems Through The Use Of Ubiquitous Online Identities	11/561,877
AOL Inc.	Promoting Interoperability Of Presence-Based Systems Through The Use Of Ubiquitous Online Identities	13/786,350
AOL Inc.	Providing a User Interface	11/410,301
AOL Inc.	Reducing Latencies In Web Page Rendering	11/183,184
AOL Inc.	Router-Host Logging	11/395,540

Grantor	Patent	Patent or Application Number
AOL Inc.	Search Ranking Based on Duplicate Selection	11/589,991
AOL Inc.	Searching For Transient Streaming Multimedia Resources	11/489,273
AOL Inc.	Searching Recent Content Publication Activity	13/453,650
AOL Inc.	Selective Call Routing and Blocking	11/146,284
AOL Inc.	Sending Application Captures In Personal Communication	13/472,113
AOL Inc.	Server Evaluation of Client-Side Script	13/893,139
AOL Inc.	Service Clean-up	11/281,887
AOL Inc.	Sharing Network Addresses	11/548,944
AOL Inc.	Sharing Social Network Information	11/079,522
AOL Inc.	Single Universal Authentication System for Internet Services	09/935,439
AOL Inc.	Smart Payment Instrument Selection	10/209,559
AOL Inc.	Social Networking Permissions	11/079,524
AOL Inc.	Social Networking With Relationship Types	10/981,460
AOL Inc.	Sorting of Electronic Messages Using Attributes of the Sender Address	13/616,441
AOL Inc.	Spam Filtering Based on Content	12/121,268
AOL Inc.	System and Method For An Instant Messaging Interface	11/986,768
AOL Inc.	System and Method for Personalizing Electronic Content in Response to a Content Request	11/321,073
AOL Inc.	Systems and Methods for Analyzing and Clustering Search Queries	13/357,385
AOL Inc.	Systems and Methods for Analyzing and Managing Electronic Content	13/536,672
AOL Inc.	Systems and Methods For Associating Electronic Content	13/533,429
AOL Inc.	Systems and Methods For Building And Using Social Networks In Image Analysis	12/186,270
AOL Inc.	Systems and Methods for Bundling Digital Services	13/887,253
AOL Inc.	Systems and Methods For Caching And Serving Dynamic Content	13/747,302
AOL Inc.	Systems and Methods for Categorizing and Moderating User-Generated Content in an Online Environment	13/112,556
AOL Inc.	Systems and Methods for Challenge-Response Animation and Randomization Testing	12/726,708
AOL Inc.	Systems and Methods for Challenge-Response Animation and Randomization Testing	13/620,347
AOL Inc.	Systems and Methods for Creating and Updating Reputation Records	13/620,409
AOL Inc.	Systems and Methods for Customized Electronic Communications	13/242,301
AOL Inc.	Systems and Methods for Electronic Distribution of Job Listings	12/912,644

Grantor	Patent	Patent or Application Number
AOL Inc.	Systems And Methods For Electronic Distribution Of Messages Over Communication Channels	13/010,265
AOL Inc.	Systems and Methods for Facilitating the Sharing of Digital Bundles of Services Between Users	13/887,255
AOL Inc.	Systems And Methods For Identifying And Managing Topical Content For Websites	13/205,172
AOL Inc.	Systems and Methods for Identifying and Notifying Users of Electronic Content Based on Biometric Recognition	13/156,747
AOL Inc.	Systems and Methods for Identifying Electronic Content	12/757,342
AOL Inc.	Systems And Methods For Identifying Electronic Content Using Video Graphs	13/533,398
AOL Inc.	Systems and Methods For Improved Web Searching	13/794,534
AOL Inc.	Systems And Methods For Improved Web-Based Document Retrieval And Object Manipulation	12/457,758
AOL Inc.	Systems And Methods For Internet Video Delivery	13/303,348
AOL Inc.	Systems and Methods for Location Tracking and Filtering Electronic Communications	13/046,585
AOL Inc.	Systems and Methods for Location Tracking in a Social Network	13/046,373
AOL Inc.	Systems and Methods for Managing Electronic Content	12/845,307
AOL Inc.	Systems and Methods For Managing Publication Of Online Advertisements	13/272,813
AOL Inc.	Systems and Methods for Manipulating Electronic Content Based on Speech Recognition	13/156,780
AOL Inc.	Systems And Methods For Mobile Application Requests Of Physical Facilities	13/897,438
AOL Inc.	Systems And Methods For Multicast Communication	12/202,122
AOL Inc.	Systems and Methods for Online Search Recirculation and Query Categorization	13/156,724
AOL Inc.	Systems and Methods for Organizing and Displaying Electronic Media Content	13/046,253
AOL Inc.	Systems and Methods For Paginating HTML Content	13/826,306
AOL Inc.	Systems and Methods for Performing Contextual Classification Using Supervised and Unsupervised Training	13/573,727
AOL Inc.	Systems and Methods for Processing and Organizing Electronic Content	13/886,211
AOL Inc.	Systems and Methods for Processing and Organizing Electronic Content	13/886,221
AOL Inc.	Systems and Methods For Processing Electronic Content	13/836,477

Grantor	Patent	Patent or Application Number
AOL Inc.	Systems and Methods for Processing Electronic Content	13/886,192
AOL Inc.	Systems and Methods For Processing Electronic Transactions Based On Consumer Characteristics	13/790,752
AOL Inc.	Systems and Methods for Profiling Client Devices	13/714,745
AOL Inc.	Systems and Methods for Protecting Consumer Privacy in Online Advertising Environments	13/041,768
AOL Inc.	Systems and Methods For Providing A Content Item Database And Identifying Content Items	13/179,940
AOL Inc.	Systems and Methods For Providing A Spam Database and Identifying Spam Communications	13/179,863
AOL Inc.	Systems and Methods For Providing and Updating Live-Streaming Online Content in an Interactive Web Platform	13/735,927
AOL Inc.	Systems and Methods for Providing Mobile Mapping Services Including Trip Prediction and Route Recommendation	13/906,078
AOL Inc.	Systems And Methods For Providing Personalized Recommendations For Electronic Content	13/710,293
AOL Inc.	Systems and Methods For Providing SMS Message-Enabled Advertisements And Content Delivery	13/794,731
AOL Inc.	Systems and Methods For Providing Social Games for Computing Devices	13/837,204
AOL Inc.	Systems and Methods for Query Optimization	13/271,561
AOL Inc.	Systems and Methods for Reporter-Based Filtering of Electronic Communications and Messages	12/458,076
AOL Inc.	Systems and Methods For Sharing Audio Feeds	13/794,185
AOL Inc.	Systems and Methods For Testing Online Systems and Content	13/763,343
AOL Inc.	Systems and Methods for Transferring Application State Between Devices Based on Gestural Input	13/436,171
AOL Inc.	Systems and Methods For Using Imaging to Authenticate Online Users	13/840,839
AOL Inc.	Systems And Methods For Web Page Optimization	13/215,818
AOL Inc.	Systems and Methods for Web Site Customization Based on Time-of-Day	13/277,664
AOL Inc.	Targeted Advertising For Playlists Based Upon Search Queries	11/491,502
AOL Inc.	Targeted Notification Of Users Of A Communications System	13/343,635
AOL Inc.	Thumbnail Image Previews	11/618,646
AOL Inc.	Transparent Reconnection	12/856,719
AOL Inc.	User Interface System For Handheld Devices	13/615,703
AOL Inc.	User Profile Snapshots	12/036,948
AOL Inc.	User-Controlled Alternative Routing	11/320,495

Grantor	Patent	Patent or Application Number
AOL Inc.	Using A Home-Networking Gateway To Manage Communications	13/157,559
AOL Inc.	Using User Profile Information To Determine An Avatar and/or Avatar characteristics	11/017,634
AOL Inc.	Visually-Represented Results to Search Queries in Rich Media Content	11/321,044
AOL Inc.	Voice Over Internet Protocol Call Handling Applications	12/758,494
AOL Inc.	Window Resizing In A Graphical User Interface	11/747,819
Buysight, Inc.	Providing Individualized Advertisement Based on Collaboratively Collected User Information	13/216,041
MapQuest, Inc.	Automated Route Determination	10/259,789
MapQuest, Inc.	Automated Route Determination	10/259,793
MapQuest, Inc.	Automated Route Determination	12/690,540
MapQuest, Inc.	Computer-Implemented Methods and Systems for Multi-Level Geographic Query	13/890,646
MapQuest, Inc.	Computer-Implemented Systems and Methods for Planning a Route	12/982,356
MapQuest, Inc.	Fancy Ketchup Query Analyzer & Parser	13/887,097
MapQuest, Inc.	Methods and Systems for De-cluttering Icons Representing Points Of Interest On A Map	12/246,413
MapQuest, Inc.	Presenting A Travel Route	13/620,498
MapQuest, Inc.	Search Results Clustering	12/458,376
MapQuest, Inc.	Systems and Methods For Analyzing Failed and Successful Search Queries	13/841,764
MapQuest, Inc.	Systems And Methods For Collecting And Using User-Contributed Map Data	12/153,640
MapQuest, Inc.	Systems and Methods for Generating Electronic Map Displays With Points-of-Interest Information	13/019,801
MapQuest, Inc.	Systems and Methods for Generating Electronic Map Displays With Points-of-Interest Information Based on Density Thresholds	13/019,646
MapQuest, Inc.	Systems and Methods for Generating Electronic Map Displays With Points-of-Interest Information Based on Reference Locations	13/019,849
MapQuest, Inc.	Systems and Methods For Improved Generation Of textual Directions Based On Positional Information	13/850,257
MapQuest, Inc.	Systems and Methods for Location-Based Advertising	13/714,185
MapQuest, Inc.	Systems and Methods For Point of Interest Data Ingestion	13/836,903
MapQuest, Inc.	Systems and Methods for Ranking Points of Interest	13/650,657
MapQuest, Inc.	Using Route Narrative Symbols	13/430,614
MapQuest, Inc.	Using Routing Symbols to Describe a Driving Maneuver	13/867,967

Grantor	Patent	Patent or Application Number
n/a	Systems and Methods for Providing and Sharing Bundled Digital Services	61/719,900
n/a	Systems and Methods for Providing and Updating Live-Streaming Online Content in an Interactive Web Platform	61/682,190
n/a	Systems And Methods For Providing Digital Bundles of Services	61/794,730
n/a	Systems and Methods for Providing SMS-Enabled Advertisements	61/668,438
n/a	Systems and Methods for Providing Social Games for Mobile Devices	61/706,069
n/a	Systems And Methods For Processing And Displaying User-Generated Content	61/752,867
n/a	Systems and Methods for Processing and Organizing Electronic Content	61/794,993
n/a	Systems and Methods for Processing Electronic Content	61/680,117
n/a	Systems and Methods for Processing Electronic Content	61/715,290
n/a	Systems And Methods For Processing Electronic Transactions Based On Consumer Characteristics	61/730,387
n/a	Systems and Methods for Processing Geographic Data	61/820,156
n/a	Systems and Methods for Location-Based Advertising	61/666,310
n/a	Systems and Methods for Facilitating the Sharing of Digital Bundles of Services Between Users	61/798,314
n/a	Systems And Methods For Facilitating The Sharing Of Digital Bundles Of Services Between Users	61/798,118
n/a	Systems and Methods For Aggregating Information And Providing Access To Multiple Web Services Through An Interactive User Interface	61/799,869
n/a	Smoothing Splines-based Response Curve Estimation	61/822,870
n/a	Computerized Methods and Systems Related to Content Optimization	61/671,982
n/a	Go-Viral Canvas Products	61/723,273
n/a	Airflow Device for Electronic Components and Related Methods of Use	61/824,115
n/a	Accessible Electronic Interface	61/814,134
n/a	Mood-Based Organization and Display of Co-User Lists	13/892,008
Pictela, Inc.	Self-Replicating Rich Media Interface	12/561,902

Grantor	Patent	Patent or Application Number
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,284
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,690
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,285
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,286
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,287
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D656,512
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D656,513
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,288
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,289
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,290
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,291
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,292
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,293
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,294
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D656,514
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,691
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,692
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D656,509
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,295
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D656,152
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D656,510
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,296
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,693
AOL Advertising Inc.	A Display Apparatus Including Computer Generated Icons	D646,694

Grantor	Patent	Patent or Application Number
AOL Advertising Inc.	Method and System For Media Initialization Via Data Sharing	8301497
AOL Advertising Inc.	Systems and Methods For Determining Bids For Placing Advertisements	8175950
AOL Advertising Inc.	Systems and Methods for Providing a Reverse Frequency Cap in Advertisement Viewing	8306855
AOL Advertising, Inc.	Systems and Methods for Providing Reverse Frequency Cap in Advertising Viewing	8041602
AOL Inc.	A Media File Format, System, and Method	8,230,094
AOL Inc.	A Method And System For Rule Based Indexing Of Multiple Data Structures	7,308,464
AOL Inc.	A Network Scoring System and Method	7,685,286
AOL Inc.	A Network Scoring System and Method	8,271,646
AOL Inc.	Annotation of Digital Items In A Shared List	8,151,358
AOL Inc.	Biasing Of Search Result Clustering To Ensure More Effective Point Of Interest (POI) Targeting	7,761,350
AOL Inc.	Chat Room Viewing	8,443,041
AOL Inc.	Client Application Fingerprinting Based On Analysis Of Client Requests	8,244,799
AOL Inc.	Collaborative User Query Refinement	7,689,540
AOL Inc.	Communication System and Method	7,349,700
AOL Inc.	Communication System and Method	7,502,608
AOL Inc.	Communication System and Method	7,933,588
AOL Inc.	Communication System and Method	8,452,292
AOL Inc.	Concatenated Audio Messages	7,672,439
AOL Inc.	Concatenated Audio Messages	7,924,996
AOL Inc.	Content Recommendation Using Third Party Profiles	8,296,660
AOL Inc.	Data Transfer Server	6,721,795
AOL Inc.	Database System	6,292,800
AOL Inc.	Displaying Advertisements In a Computer Network Environment	7,962,604
AOL Inc.	Displaying Advertisements In a Computer Network Environment	8,341,264
AOL Inc.	Displaying Complementary Content Sources	7,240,092
AOL Inc.	Displaying Complementary Content Sources in a Web-Based TV System	6,757,707
AOL Inc.	Displaying Complex Messaging Threads Into A Single Display	8,200,762
AOL Inc.	Distributed Image Storage Architecture	7,197,513
AOL Inc.	Distributed Image Storage Architecture	7,526,511
AOL Inc.	Distributing Personalized Content	7,394,816
AOL Inc.	Distributing Personalized Content	7,778,258
AOL Inc.	Distributing Personalized Content	8,014,407
AOL Inc.	Distributing Personalized Content	8,363,636
AOL Inc.	Dynamic Aggregation And Display Of Contextually Relevant Content	7,917,840
AOL Inc.	Dynamic Identification of Other Viewers of a Television Program to an Online Viewer	7669213
AOL Inc.	Dynamic Identification of Other Viewers of a Television Program to an Online Viewer	8255950

Grantor	Patent	Patent or Application Number
AOL Inc.	Dynamic Scheduling of Meetings with Multiple Participants	8358762
AOL Inc.	Electronic Information Caching	7039683
AOL Inc.	Electronic Mail Forwarding Service	8214443
AOL Inc.	Enabling Programming of Recordings	8316399
AOL Inc.	Exchanging Digital Content	8064894
AOL Inc.	Filtering System for Providing Personalized Information in the Absence of Negative Data	7567958
AOL Inc.	Filtering System for Providing Personalized Information in the Absence of Negative Data	7890505
AOL Inc.	Filtering System for Providing Personalized Information in the Absence of Negative Data	8060507
AOL Inc.	Full-Text Relevancy Ranking	6842761
AOL Inc.	Full-Text Relevancy Ranking	8095529
AOL Inc.	Generating And Implementing A-Lists To Manage User Relationships	8156098
AOL Inc.	Handheld Client Framework System	8200745
AOL Inc.	Identifying Unauthorized Communication Systems Based On Their Memory Contents	6954861
AOL Inc.	Identifying Unauthorized Communication Systems Based On Their Memory Contents	7516496
AOL Inc.	Intelligent Management Of Application Connectivity	8255466
AOL Inc.	Localization of Clients and Servers	7260094
AOL Inc.	Localization of Clients and Servers	7962570
AOL Inc.	Managing Access to Digital Content Sources	8291062
AOL Inc.	Managing Content Choices	6757691
AOL Inc.	Mechanism For Rendering Advertising Objects Into Featured Content	8413182
AOL Inc.	Metadata Quality Improvement	7925967
AOL Inc.	Method and Apparatus for Publishing Hypermedia Documents Over Wide Area Networks	5870552
AOL Inc.	Method and Apparatus for Publishing Hypermedia Documents Over Wide Area Networks	6393469
AOL Inc.	Method of Disseminating Advertisements Using an Embedded Media Player Page	8,122,236
AOL Inc.	Methods and Systems For Collecting Data For Media Files	7849160
AOL Inc.	Methods and Systems for Restricting Electronic Content Based on Guardian Control Decisions	8346953
AOL Inc.	Methods and Systems For Visually Distinguishing User Attribute Similarities And Differences	8413060
AOL Inc.	Migrating Configuration Information Based On User Identity Information	7752329
AOL Inc.	Migrating Rating Configuration Information Based On User Identity Information	8275900
AOL Inc.	Mood based organization and display of instant messenger buddy lists	7921369
AOL Inc.	Mood-Based Organization and Display of Instant Messenger Buddy Lists	8443290
AOL Inc.	Offline Away Messages	8452839
AOL Inc.	Online Adaptive Filtering of Messages	8214437

Grantor	Patent	Patent or Application Number
AOL Inc.	Packaging Web Content for Reuse	7783967
AOL Inc.	Page Views For Proxy Servers	8028059
AOL Inc.	Personalizing Content Based On Mood	7764311
AOL Inc.	Personalizing Content Based on Mood	8373768
AOL Inc.	Personalizing Content Using an Intermediary Bridge	7243104
AOL Inc.	Popularity of Content Items	8364669
AOL Inc.	Promoting Interoperability Of Presence-Based Systems Through The Use Of Ubiquitous Online Identities	8396922
AOL Inc.	Searching Recent Content Publication Activity	8166061
AOL Inc.	Sending Application Captures In Personal Communication	8201098
AOL Inc.	Server Evaluation of Client-Side Script	8443346
AOL Inc.	Sorting of Electronic Messages Using Attributes of the Sender Address	7290033
AOL Inc.	Sorting of Electronic Messages Using Attributes of the Sender Address	7617286
AOL Inc.	Sorting of Electronic Messages Using Attributes of the Sender Address	7945633
AOL Inc.	Sorting of Electronic Messages Using Attributes of the Sender Address	8285803
AOL Inc.	Systems and Methods For Caching And Serving Dynamic Content	8370424
AOL Inc.	Systems and Methods for Creating and Updating Reputation Records	8321516
AOL Inc.	Systems and Methods For Improved Web Searching	8176069
AOL Inc.	Systems and Methods For Improved Web Searching	8396885
AOL Inc.	Targeted Geographical Condition Notification Of Users Based On A Geographic Location and Device Types Or Software Of The Users	7703611
AOL Inc.	Targeted Notification Of Users Of A Communications System Based on Geographic Location	8095609
AOL Inc.	Throttling Electronic Communications From One or More Senders	7032023
AOL Inc.	Throttling Electronic Communications From One Or More Senders	7788329
AOL Inc.	Transparent Reconnection	7917638
AOL Inc.	User Interface System For Handheld Devices	8327297
AOL Inc.	User-Behavior Remotely-Triggered Home/Office Automation	8170960
AOL Inc.	User-Behavior Remotely-Triggered Home/Office Automation	8458102
AOL Inc.	Using A Home-Networking Gateway To Manage Communications	7970863
AOL Inc.	Using A Network Bandwidth Setting Based On Determining The Network Environment	7412516
AOL, Inc.	Method and Apparatus for Publishing Hypermedia Documents Over Wide Area Networks	7139812
AOL, Inc.	Searching Electronic Content in Instant-Messaging Applications	7814100
MapQuest, Inc.	Computer-Implemented Methods and Systems for Multi-Level Geographic Query	8,458,173

Grantor	Patent	Patent or Application Number
MapQuest, Inc.	Presenting A Travel Route	7474960
MapQuest, Inc.	Presenting A Travel Route	7702454
MapQuest, Inc.	Presenting A Travel Route	7925430
MapQuest, Inc.	Presenting A Travel Route	8335646
MapQuest, Inc.	Systems And Methods For Improved Generation Of textual Directions Based On Positional Information	8406997
MapQuest, Inc.	Using Route Narrative Symbols	7076363
MapQuest, Inc.	Using Route Narrative Symbols	7324897
MapQuest, Inc.	Using Route Narrative Symbols	7729855
MapQuest, Inc.	Using Route Narrative Symbols	8145426
MapQuest, Inc.	Using Routing Symbols To Describe A Driving Maneuver	7620494
MapQuest, Inc.	Using Routing Symbols To Describe A Driving Maneuver	8428871