# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7079539

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| **SUBMISSION TYPE:** | NEW ASSIGNMENT |
| **NATURE OF CONVEYANCE:** | ASSIGNMENT |

**CONVEYING PARTY DATA**

| Name | Execution Date |
|---|---|
| YAHOO! INC. | 06/13/2017 |

**RECEIVING PARTY DATA**

| | |
|---|---|
| **Name:** | YAHOO HOLDINGS, INC. |
| **Street Address:** | 701 FIRST AVENUE |
| **City:** | SUNNYVALE |
| **State/Country:** | CALIFORNIA |
| **Postal Code:** | 94089 |

**PROPERTY NUMBERS Total: 1**

| Property Type | Number |
|---|---|
| **Application Number:** | 17553934 |

**CORRESPONDENCE DATA**

**Fax Number:** (212)801-6400

***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:** 212-801-9200
**Email:** njdocket@gtlaw.com
**Correspondent Name:** VERIZON - GT LEGAL DEPT - PATENTS
**Address Line 1:** 1300 I STREET NW
**Address Line 2:** SUITE 500 EAST
**Address Line 4:** WASHINGTON, D.C. 20005

| | |
|---|---|
| **ATTORNEY DOCKET NUMBER:** | 043165.818902 |
| **NAME OF SUBMITTER:** | JUDI CORDO |
| **SIGNATURE:** | /Judi Cordo/ |
| **DATE SIGNED:** | 12/17/2021 |

**Total Attachments: 301**
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# PATENT ASSIGNMENT AGREEMENT

This Patent Assignment Agreement ("Agreement") is entered into as of June 13, 2017 ("Effective Date") by and between Yahoo! Inc., a Delaware corporation having an address at 701 First Avenue, Sunnyvale, CA 94089 ("Assignor") and Yahoo Holdings, Inc. ("Assignee"), a Delaware corporation having an address at 701 First Avenue, Sunnyvale, CA 94089.

**WHEREAS**, Assignor and Assignee entered into that certain Reorganization Agreement, dated as of July 23, 2016 (the "Reorganization Agreement"), pursuant to which Assignor agreed to contribute, transfer, assign, convey and deliver to Assignee, among other things, the Assigned Rights (as defined below) (the "Reorganization");

**WHEREAS**, pursuant to the Reorganization Agreement and as part of the Reorganization, Assignor and Assignee have entered into that certain Intellectual Property Assignment Agreement, having the same effective date as the Effective Date of this Agreement (the "Intellectual Property Assignment Agreement"), pursuant to which, among other things, Assignor has contributed, transferred, assigned, conveyed and delivered to Assignee its entire worldwide right, title and interest in and to the Assigned Rights;

**WHEREAS**, Assignor and Assignee desire to enter into this Agreement, made effective as of the effective date of the Intellectual Property Assignment Agreement, to further evidence such contribution, transfer, assignment, conveyance and delivery to Assignee of Assignor's entire worldwide right, title and interest in and to the Assigned Rights; and

**WHEREAS**, for administrative reasons, Assignor and Assignee desire to execute this Agreement prior to the Effective Date, but the actual contribution, transfer, assignment, conveyance and delivery to Assignee of Assignor's entire worldwide right, title and interest in and to the Assigned Rights will be effective as of the Effective Date in connection with the Reorganization.

**NOW, THEREFORE**, in consideration of the foregoing premises and the covenants and agreements set forth below and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, Assignor and Assignee hereby agree as follows:

(A) Assignor hereby irrevocably assigns, transfers and conveys to Assignee:

(1) the entire right, title and interest, everywhere in the world to:

(a) the issued patents and patent applications set forth on the attached Schedule of Assigned Patent Assets;

(b) any patent applications and patents that may claim priority to any of the items included in subclause (a);

(c) any continuations, divisions, continuations-in-part, substitutes, reissues, extensions, renewals and worldwide counterparts of any of the items included in subclause (a) or (b);

(d) any patents that may issue on any of the patent applications included in subclause (a), (b) or (c);

(e) any results of oppositions, reexaminations, supplemental examinations and other review procedures with respect to any of the items included in subclause (a), (b), (c) or (d); and

(f) with respect to each item included in subclauses (a), (b), (c), (d) and (e), the right to claim all benefits and priority rights under any existing or future international patent conventions, legislation or treaties;

(all of the foregoing in this clause (A)(1), collectively, the "Assigned Patents");

(2) the right to sue third parties for infringement (including, without limitation, for damages and injunctive relief) of any of the Assigned Patents based on any activities occurring prior to, contemporaneously with or after the Effective Date;

(3) any current or future right to receive royalties based on any of the foregoing in subclause (1) or (2); and

(4) the right to prosecute and maintain the Assigned Patents;

(all of the foregoing in this clause (A), collectively, the "Assigned Rights").

(B) Assignee hereby accepts such assignment, transfer and conveyance of the Assigned Rights, subject to any licenses, covenants, releases, waivers, immunities, remedy limitations and other rights of or for the benefit of Assignor or any third party (whether absolute or contingent, matured or unmatured, vested or unvested) as of the Effective Date that have been granted or are required to be granted by an agreement or obligation existing on or before the Effective Date (including, without limitation, any commitment to grant any licenses, covenants, releases, waivers, immunities, remedy limitations, and other rights in the future based on any such agreement or obligation existing on or before the Effective Date).

(C) Assignor agrees, upon the written request (and at the sole expense) of Assignee (or its successors, assigns or legal representatives) to:

(1) execute all oaths, assignments, powers and any other papers;

(2) testify in any proceeding; and

(3) otherwise take any lawful action and reasonably cooperate with Assignee;

in each case in subclause (1), (2) and (3), for the sole purpose of conveying, establishing, evidencing, maintaining, protecting, defending and enforcing Assignee's rights in the Assigned Rights.

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

(E) Assignor hereby authorizes and requests the Commissioner of Patents of the United States to record this Agreement and to issue any patents from any patent applications included in the Assigned Patents to and in the name of Assignee.

(F) This Agreement, the rights and obligations of Assignor and Assignee under this Agreement and any claim or controversy directly or indirectly based upon, arising out of or related to this Agreement or the transactions contemplated by this Agreement (whether based upon contract, tort or any other theory), including, without limitation, all matters of construction, validity and performance, will 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.

(G) This Agreement may be executed in one or more counterparts, each of which will be deemed to be an original copy of this Agreement and all of which, when taken together, will be deemed to constitute one and the same agreement.

(H) This Agreement will 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**, Assignor and Assignee have caused this Agreement to be signed below by their respective duly authorized officers as of the Effective Date.

**Yahoo! Inc.**

Signature

Carrie Darling
Name

Deputy general counsel
Title

**Yahoo Holdings, Inc.**

Signature

Kenneth A. Goldman
Name

CFO
Title

**Notary Seal:**

M. MARTINEZ
Commission # 2077849
Notary Public - California
Santa Clara County
My Comm. Expires Sep 11, 2018

**Notary Seal:**

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

State of California
County of Santa Clara
Subscribed and sworn to (or affirmed) before me this 31st day of May, 20 17, by Kenneth A Goldman, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Signature _____ (Seal)

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

State of California
County of Santa Clara
Subscribed and sworn to (or affirmed) before me this 25th day of May, 20 17, by Carrie Darling, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Signature _____ (Seal)

M. MARTINEZ
Commission # 2077849
Notary Public - California
Santa Clara County
My Comm. Expires Sep 11, 2018

Schedule of Assigned Patent Assets

| Patent # | Publication # | Serial # | Status | CO | Type | Title | Priority Date | Filed Date | Publication Date | Issue Date |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 11/775,349 | ABANDONED | US | UTL | SYSTEM FOR CONFIGURING SATELLITE COMMUNICATION SERVICES | 7/10/2007 | 7/10/2007 | | |
| 8,601,508 | 2009-0025036 | 11/779,131 | ISSUED | US | UTL | System for Presenting an Electronic Programming Guide in a Satellite Communication System | 7/17/2007 | 7/17/2007 | 1/22/2009 | 12/3/2013 |
| | | 11/778,484 | ABANDONED | US | UTL | SYSTEM FOR REMOTE ACCESS OF SATELLITE MEDIA SERVICES | 7/16/2007 | 7/16/2007 | | |
| | | 60/559,101 | CONV PRV | US | PRV | Adaptive Personalization of Navigation for Network Header | 4/2/2004 | 4/2/2004 | | |
| | 2005-0228775 A1 | 11/000,431 | ABANDONED | US | UTL | Method and apparatus for adaptive personalization of navigation | 4/2/2004 | 11/30/2004 | 10/13/2005 | |
| | US 2005-0021442 A1 | 10/625,001 | ABANDONED | US | UTL | Term-Based Concept Instruments | 7/22/2003 | 7/22/2003 | 1/27/2005 | |
| | US 2005-0021441 A1 | 10/625,000 | ABANDONED | US | UTL | Concept valuation in a term-based concept market | 7/22/2003 | 7/22/2003 | 1/27/2005 | |
| | | 60/201,622 | EXPIRED | US | PRV | Recommendation Engine | 5/3/2000 | 5/3/2000 | | |
| | US 2012-0011138 A1 | 13/185,352 | ABANDONED | US | UTL | Associating and Linking Compact Disc Metadata | 4/3/2002 | 7/18/2011 | 1/12/2012 | |
| | | 60/678,718 | CONV PRV | US | PRV | A SYSTEM AND METHOD FOR DELIVERING OVER A NETWORK MEDIA | 5/5/2005 | 5/5/2005 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/657,222 | CONV PRV | US | PRV | A SYSTEM AND METHOD FOR DELIVERING MEDIA OVER A NETWORK MEDIA | 2/28/2005 | 2/28/2005 | | |
| | US-2006-0195480-A1 | 11/316,052 | ABANDONED | US | UTL | User interface for sharing and searching playlists | 2/28/2005 | 12/21/2005 | 8/31/2006 | |
| | US-2006-0195864-A1 | 11/303,097 | ABANDONED | US | UTL | Portable Media Device Interoperability | 2/28/2005 | 12/16/2005 | 8/31/2006 | |
| | US-2006-0195512-A1 | 11/361,190 | ABANDONED | US | UTL | System And Method For Playlist Management And Distribution | 2/28/2005 | 2/24/2006 | 8/31/2006 | |
| | US-2009-0177654-A1 | 12/362,207 | ABANDONED | US | UTL | System and Method for Leveraging Media Via User Rating Data | 2/28/2005 | 1/29/2009 | 7/9/2009 | |
| | 2007-0089057 A1 | 11/250,359 | EXPIRED | US | UTL | Method and system for selecting media | 10/14/2005 | 10/14/2005 | 4/19/2007 | |
| | | 60/454,231 | CONV PRV | US | PRV | Access Control and Metering System for Streaming Media | 3/12/2003 | 3/12/2003 | | |
| 7,383,229 | US-2004-025887-A1 | 10/680,507 | ISSUED | US | UTL | Access Control and Metering System for Streaming Media | 3/12/2003 | 10/6/2003 | 12/16/2004 | 6/3/2008 |
| | US-20080243633-A1 | 12/120,952 | ABANDONED | US | UTL | Systems And Methods For Receiving And Sponsoring Media Content | 10/20/2006 | 5/15/2008 | 10/2/2008 | |
| | US-2008-0050712-A1 | 11/502,949 | ABANDONED | US | UTL | Concept Learning System and Method | 8/11/2006 | 8/11/2006 | 2/28/2008 | |
| | US-2008-0034428-A1 | 11/458,048 | ABANDONED | US | UTL | Anti-Phishing for Client Devices | 7/17/2006 | 7/17/2006 | 2/7/2008 | |
| 7,739,596 | 2008-0249986 A1 | 11/697,615 | ISSUED | US | UTL | Method And System For Displaying Contextual Advertisements With Media | 4/6/2007 | 4/6/2007 | 10/9/2008 | 6/15/2010 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,219,911 | 2010-0211466 A1 | 12/772,522 | ISSUED | US | UTL | Method And System For Displaying Contextual Advertisements With Media | 4/6/2007 | 5/3/2010 | 8/19/2010 | 7/10/2012 |
| 8,504,917 | 2012-0239496 A1 | 13/486,296 | ISSUED | US | UTL | Method And System For Displaying Contextual Advertisements With Media | 4/6/2007 | 6/1/2012 | 9/20/2012 | 8/6/2013 |
| 9,003,288 | 2013-0339138 A1 | 13/864,153 | ISSUED | US | UTL | System and Method for Displaying Contextual Advertisements with Media | 4/6/2007 | 4/16/2013 | 12/19/2013 | 4/7/2015 |
| 8,024,454 | US-2008-0243822-A1 | 11/729,365 | ISSUED | US | UTL | SYSTEM AND METHOD FOR ASSOCIATING A GEOGRAPHIC LOCATION WITH AN INTERNET PROTOCOL ADDRESS | 3/28/2007 | 3/28/2007 | 10/2/2008 | 9/20/2011 |
| 8,291,073 | 2011-0302034 A1 | 13/210,923 | ISSUED | US | UTL | SYSTEM AND METHOD FOR ASSOCIATING A GEOGRAPHIC LOCATION WITH AN INTERNET PROTOCOL ADDRESS | 3/28/2007 | 8/16/2011 | 12/8/2011 | 10/16/2012 |
| 739,266 | US-2008-0243824-A1 | 11/729,377 | ISSUED | US | UTL | SYSTEM AND METHOD FOR ASSOCIATING A GEOGRAPHIC LOCATION WITH AN INTERNET PROTOCOL ADDRESS | 3/28/2007 | 3/28/2007 | 10/2/2008 | 6/15/2010 |
| 8,621,064 | 2008-0244046 A1 | 11/729,364 | ISSUED | US | UTL | System And Method For Associating A Geographic Location With An Internet Protocol Address | 3/28/2007 | 3/28/2007 | 10/2/2008 | 12/31/2013 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,305,022 | 2014-0156622 A1 | 14/092,451 | ISSUED | US | UTL | System and method for associating a geographic location with an Internet protocol address | 3/28/2007 | 11/27/2013 | 6/5/2014 | 4/5/2016 |
| | 2008-0235368 A1 | 11/690,246 | PUBLISHED | US | UTL | System and method for monitoring network traffic | 3/23/2007 | 3/23/2007 | 9/25/2008 | |
| | 2011-0153550 | 13/034,835 | ABANDONED | US | UTL | System and method for determining an event occurrence rate | 4/5/2007 | 2/25/2011 | 6/23/2011 | |
| | 2009-0063247 A1 | 11/846,078 | PUBLISHED | US | UTL | Method And System For Collecting And Classifying Opinions On Products | 8/28/2007 | 8/28/2007 | 3/5/2009 | |
| 7,870,227 | US-2009-0037602-A1 | 11/831,331 | ISSUED | US | UTL | Creating IP address to Location data by merging IP address to Location data from multiple sources | 7/31/2007 | 7/31/2007 | 2/5/2009 | 1/11/2011 |
| | US-2009-0055376-A1 | 11/842,886 | ABANDONED | US | UTL | System And Method For Identifying Similar Media Objects | 8/13/2007 | 8/21/2007 | 2/26/2009 | |
| | 2009-0106058 A1 | 11/874,120 | ABANDONED | US | UTL | ASSESSING ONLINE ADVERTISING EFFECTIVENESS UTILIZING UNIQUE CODES FOR ADVERTISEMENT REQUESTS | 10/17/2007 | 10/17/2007 | 4/23/2009 | |
| | US-2009-0094096-A1 | 11/869,612 | ABANDONED | US | UTL | Interactive Advertisement Framework | 10/9/2007 | 10/9/2007 | 4/9/2009 | |
| | 2011-0153833 | 13/037,056 | ABANDONED | US | UTL | RATE PROVISIONER FOR WEB SERVICES | 10/23/2007 | 2/28/2011 | 6/23/2011 | |
| | 20090106781 | 11/877,417 | ABANDONED | US | UTL | Remote Call Handling Methods and Systems | 10/23/2007 | 10/23/2007 | 4/23/2009 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2009-0112865 | 11/925,355 | ABANDONED | US | UTL | Hierarchical Structure Entropy Measurement Methods and Systems | 10/26/2007 | 10/26/2007 | 4/30/2009 | |
| | 2009-0259646-A1 | 12/099,980 | ABANDONED | US | UTL | Method for Calculating Score for Search Query | 4/9/2008 | 4/9/2008 | 10/15/2009 | |
| | US-2009-0132716-A1 | 11/940,723 | ABANDONED | US | UTL | Fault-Tolerant Distributed Services Methods and Systems | 11/15/2007 | 11/15/2007 | 5/21/2009 | |
| | US-2009-0132556-A1 | 11/941,746 | ABANDONED | US | UTL | Offline Operations for Online Applications | 11/16/2007 | 11/16/2007 | 5/21/2009 | |
| | US-2009-0132959-A1 | 11/943,553 | ABANDONED | US | UTL | Method and/or System for Schema and View Generation | 11/20/2007 | 11/20/2007 | 5/21/2009 | |
| | US-2009-0150497 | 11/951,727 | ABANDONED | US | UTL | Electronic Mail Message Handling and Presentation Methods and Systems | 12/6/2007 | 12/6/2007 | 6/11/2009 | |
| | 20090165018 | 11/961,381 | ABANDONED | US | UTL | Leader Election | 12/20/2007 | 12/20/2007 | 6/25/2009 | |
| | US-2010-0010982-A1 | 12/169,761 | ABANDONED | US | UTL | Web content characterization based on semantic folksonomies associated with user generated content | 7/9/2008 | 7/9/2008 | 1/14/2010 | |
| | 2009-0171885 | 11/965,714 | ABANDONED | US | UTL | Efficient Bulk Load | 12/27/2007 | 12/27/2007 | 7/2/2009 | |
| | 2009-0012841-A1 | 12/038,716 | ABANDONED | US | UTL | Event Communication Platform For Mobile Device Users | 2/27/2008 | 2/27/2008 | 1/8/2009 | |
| 8,073,794 | 2009-0164400-A1 | 11/961,555 | ISSUED | US | UTL | Social Behavior Analysis and Inferring Social Networks for a Recommendation System | 12/20/2007 | 12/20/2007 | 6/25/2009 | 12/6/2011 |
| 9,195,752 | 2009-0164897-A1 | 11/961,599 | ISSUED | US | UTL | Recommendation System Using Social Behavior Analysis and Vocabulary Taxonomies | 12/20/2007 | 12/20/2007 | 6/25/2009 | 11/24/2015 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 20090187592 | 12/018,661 | ABANDONED | US | UTL | Web Document User Experience Characterization Methods and Systems | 1/23/2008 | 1/23/2008 | 7/23/2009 | |
| 8,111,912 | 20090208097 | 12/032,521 | ISSUED | US | UTL | Cost-effective image metadata creation using near-duplicate image detection | 2/15/2008 | 2/15/2008 | 8/20/2009 | 2/7/2012 |
| | 20090248707 | 12/055,222 | ABANDONED | US | UTL | Site-Specific Information-Type Detection Methods and Systems | 3/25/2008 | 3/25/2008 | 10/1/2009 | |
| | US/2009/0240670 | 12/051,956 | ABANDONED | US | UTL | Uniform Resource Identifier Alignment | 3/20/2008 | 3/20/2008 | 9/24/2009 | |
| | US/2009/0240638 | 12/051,729 | ABANDONED | US | UTL | Syntactic and/or semantic analysis of uniform resource identifiers | 3/19/2008 | 3/19/2008 | 9/24/2009 | |
| | 20090187516 | 12/016,510 | ABANDONED | US | UTL | Search Summary Result Evaluation Model Methods and Systems | 1/18/2008 | 1/18/2008 | 7/23/2009 | |
| 8,055,470 | 20090210195 | 12/031,613 | ISSUED | US | UTL | Method to Simulate A/B Bucket Tests from Web Logs | 2/14/2008 | 2/14/2008 | 8/20/2009 | 11/8/2011 |
| 8,694,887 | 20090249256 | 12/056,172 | ISSUED | US | UTL | Dynamic Contextual Shortcuts | 3/26/2008 | 3/26/2008 | 10/1/2009 | 4/8/2014 |
| | 20090234837 | 12/048,792 | ABANDONED | US | UTL | Search Query | 3/14/2008 | 3/14/2008 | 9/17/2009 | |
| | 20090234838 | 12/049,104 | ABANDONED | US | UTL | Fast subset discovery over a large amount of sets | 3/14/2008 | 3/14/2008 | 9/23/2009 | |
| | 20090210423 | 12/031,993 | ABANDONED | US | UTL | METHODS AND SYSTEMS FOR MAINTAINING PERSONAL DATA TRUSTS | 2/15/2008 | 2/15/2008 | 8/20/2009 | |

PATENT
REEL: 058534 FRAME: 0168

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|---|---|---|---|---|---|---|---|---|---|---|
| | 20090292656 | 12/125,895 | ABANDONED | US | UTL | Method, Apparatus and System for Collecting, Receiving, and Distributing Information From Multiple Channels | 5/22/2008 | 5/22/2008 | 11/26/2009 | |
| | 20090263014 | 12/105,170 | ABANDONED | US | UTL | Content Fingerprinting for Video and/or Image | 4/17/2008 | 4/17/2008 | 10/22/2009 | |
| 8,472,705 | 20090290813 | 12/126,801 | ISSUED | US | UTL | System, Method, and Apparatus for Selecting One or More Representative Images | 5/23/2008 | 5/23/2008 | 11/26/2009 | 6/25/2013 |
| | 20100131488 | 12/324,607 | ABANDONED | US | UTL | Digital Images of Web Pages | 11/26/2008 | 11/26/2008 | 5/27/2010 | |
| | 20090306882 | 12/136,700 | ABANDONED | US | UTL | System, Apparatus, or Method for Enhanced Route Directions | 6/10/2008 | 6/10/2008 | 12/10/2009 | |
| | 2009-0313117 A1 | 12/140,159 | ABANDONED | US | UTL | Targeted Advertising | 6/16/2008 | 6/16/2008 | 12/17/2009 | |
| 8,422,731 | 20100061587 | 12/208,186 | ISSUED | US | UTL | System, Method, and Apparatus for Video Fingerprinting | 9/10/2008 | 9/10/2008 | 3/11/2010 | 4/16/2013 |
| | 20090327859 | 12/147,338 | ABANDONED | US | UTL | Method and System for Utilizing Web Document Layout and Presentation to Improve User Experience in Web Search | 6/26/2008 | 6/26/2008 | 12/31/2009 | |
| | 20100058168 | 12/200,545 | ABANDONED | US | UTL | Multiple Views for Web Applications Across Multiple Endpoints | 8/28/2008 | 8/28/2008 | 3/4/2010 | |
| | 20100011025 | 12/170,296 | ABANDONED | US | UTL | Transfer Learning Methods and Apparatuses for Establishing Additive Models for Related-Task Ranking | 7/9/2008 | 7/9/2008 | 1/14/2010 | |

PATENT
REEL: 058534 FRAME: 0169

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 20100023564 | 12/180,364 | ABANDONED | US | UTL | Synchronous Replication For Fault Tolerance | 7/25/2008 | 7/25/2008 | 1/28/2010 | |
| | 2010-0023872 A1 | 12/181,245 | ABANDONED | US | UTL | Web Page Serving Architecture | 7/28/2008 | 7/28/2008 | 1/28/2010 | |
| | 20100076846 | 12/237,982 | ABANDONED | US | UTL | Interest Manager | 9/25/2008 | 9/25/2008 | 4/5/2010 | |
| 9,542,384 | 2010-0058177 A1 | 12/200,783 | ISSUED | US | UTL | Contextually Aware Web Application Platform | 8/28/2008 | 8/28/2008 | 3/4/2010 | 1/10/2017 |
| | 20100030814 | 12/184,825 | ABANDONED | US | UTL | System, Method, or Apparatus Relating to a Data Structure with a Large Number of Entries | 8/1/2008 | 8/1/2008 | 2/4/2010 | |
| | 20100082608 | 12/242,273 | ABANDONED | US | UTL | System, Method, or Apparatus Relating to Determining Search Results Based at least in Part on One or More Content Features | 9/30/2008 | 9/30/2008 | 4/12/2010 | |
| | US-2010-0088130-A1 | 12/246,668 | ABANDONED | US | UTL | Discovering Leaders in a Social Network | 10/7/2008 | 10/7/2008 | 4/8/2010 | |
| | 20100082542 | 12/242,502 | ABANDONED | US | UTL | Comparison of Online Advertising Data Consistency | 9/30/2008 | 9/30/2008 | 4/12/2010 | |
| | 20100121721 | 12/269,694 | ABANDONED | US | UTL | Premium Bidding of Online Advertisements | 11/12/2008 | 11/12/2008 | 5/21/2010 | |
| | 20100017262 | 12/176,264 | ABANDONED | US | UTL | Predicting Selection Rates of a Document Using Click-Based Translation Dictionaries | 7/18/2008 | 7/18/2008 | 1/21/2010 | |
| | 20100088186 | 12/247,968 | ABANDONED | US | UTL | Advertising Inventory Controls | 10/8/2008 | 10/8/2008 | 4/8/2010 | |
| | US-2010-0083231-A1 | 12/241,627 | ABANDONED | US | UTL | System And Method For Safe Code Loading | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | 20100082424 | 12/242,393 | ABANDONED | US | UTL | Offline Optimization of Online Processes | 9/30/2008 | 9/30/2008 | 4/1/2010 | |

PATENT
REEL: 058534 FRAME: 0170

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|---|---|---|---|---|---|---|---|---|---|---|
| | 20100082393 | 12/242,820 | ABANDONED | US | UTL | Display Advertising Contract Pricing | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | 20100082401 | 12/240,749 | ABANDONED | US | UTL | Allocation using demand forecasts | 9/29/2008 | 9/29/2008 | 4/1/2010 | |
| | 20100082428 | 12/242,709 | ABANDONED | US | UTL | Display Advertising Inventory Estimation | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | 20100161590 | 12/338,504 | ABANDONED | US | UTL | Query Processing in a Dynamic Cache | 12/18/2008 | 12/18/2008 | 6/24/2010 | |
| | 20100083288 | 12/242,459 | ABANDONED | US | UTL | Method and System for Application Program Management Platform | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | 20100073391 | 12/237,739 | ABANDONED | US | UTL | Informational Content Presentation Via Backdrop Images | 9/25/2008 | 9/25/2008 | 3/25/2010 | |
| | 2010-0114970 | 12/263,393 | ABANDONED | US | UTL | A Multi-Core Friendly Distributed Index for Metric-Space Databases | 10/31/2008 | 10/31/2008 | 5/6/2010 | |
| | 20100106704 | 12/260,812 | ABANDONED | US | UTL | Cross-Lingual Classification of Queries | 10/29/2008 | 10/29/2008 | 4/29/2010 | |
| | 20100169339 | 12/346,684 | ABANDONED | US | UTL | System, Method, or Apparatus for Updating Stored Search Result Valves | 12/30/2008 | 12/30/2008 | 7/1/2010 | |
| | 2010-0262510 | 12/422,845 | ABANDONED | US | UTL | Inferring a Distribution of Values from a Distribution of Bids in an Online Auction | 4/13/2009 | 4/13/2009 | 10/14/2010 | |
| | 2010/0262458 | 12/422,860 | ABANDONED | US | UTL | Inferring an Optimal Minimum Reserve Price from a Distribution of bids in an Online Auction | 4/13/2009 | 4/13/2009 | 10/14/2010 | |
| | 20100205183 | 12/370,278 | ABANDONED | US | UTL | Lazy Deserialization: A Technique for Boosting Web Search Performance | 2/12/2009 | 2/12/2009 | 8/12/2010 | |

PATENT
REEL: 058534 FRAME: 0171

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|---|---|---|---|---|---|---|---|---|---|---|
| | 20100169756 | 12/345,293 | ABANDONED | US | UTL | Automated Bookmarking | 12/29/2008 | 12/29/2008 | 7/1/2010 | |
| | 2010-0180057-A1 | 12/351,364 | ABANDONED | US | UTL | Data Structure for Implementing Priority Queues | 1/9/2009 | 1/9/2009 | 7/15/2010 | |
| | 20100161643 | 12/344,138 | ABANDONED | US | UTL | Segmentation of Interleaved Query Missions into Query Chains | 12/24/2008 | 12/24/2008 | 6/24/2010 | |
| | 20100199165 | 12/365,129 | ABANDONED | US | UTL | Updating Wrapper Annotations | 2/3/2009 | 2/3/2009 | 8/5/2010 | |
| | 20100198770 | 12/365,117 | ABANDONED | US | UTL | Identifying Previously Annotated Web Page Information | 2/3/2009 | 2/3/2009 | 8/5/2010 | |
| | 2010-0228745 | 12/396,910 | ABANDONED | US | UTL | System, Method, And Apparatus For Sorting At Least Partially Dynamic Data | 3/3/2009 | 3/3/2009 | 9/9/2010 | |
| | 20100198689 | 12/365,088 | ABANDONED | US | UTL | Method, System, or Apparatus for Implementing a Budget Balanced/Surplus Syndicated Sponsored Search Market | 2/3/2009 | 2/3/2009 | 8/5/2010 | |
| | 20100287174 | 12/463,808 | ABANDONED | US | UTL | Identifying a Level of Desirability of Hyperlinked Information or Other User Selectable Information | 5/11/2009 | 5/11/2009 | 11/11/2010 | |
| | 20100280889 | 12/435,351 | ABANDONED | US | UTL | INVENTORY AGGREGATION ON AN ELECTRONIC EXCHANGE | 5/4/2009 | 5/4/2009 | 11/4/2010 | |
| | 2010-0268709 | 12/427,570 | ABANDONED | US | UTL | System, Method, or Apparatus for Calibrating a Relevance Score | 4/21/2009 | 4/21/2009 | 10/21/2010 | |

PATENT
REEL: 058534 FRAME: 0172

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2010-0257175 | 12/417,501 | ABANDONED | US | UTL | Method, System, Or Apparatus For Joining One Or More Events | 4/2/2009 | 4/2/2009 | 10/7/2010 | |
| | 20100205213 | 12/370,306 | ABANDONED | US | UTL | Non-Exact Cache Matching | 2/12/2009 | 2/12/2009 | 8/12/2010 | |
| | 20100274795 | 12/428,367 | ABANDONED | US | UTL | Method and System for Implementing a Composite Database | 4/22/2009 | 4/22/2009 | 11/8/2010 | |
| | 2010-0287129 A1 | 12/437,043 | ABANDONED | US | UTL | SYSTEM, METHOD, OR APPARATUS RELATING TO CATEGORIZING OR SELECTING POTENTIAL SEARCH RESULTS | 5/7/2009 | 5/7/2009 | 11/11/2010 | |
| | 2010-0228804 | 12/397,561 | ABANDONED | US | UTL | Constructing Image CAPTCHAs Utilizing Private Information of the Images | 3/4/2009 | 3/4/2009 | | |
| | 20100332491 | 12/491,463 | ABANDONED | US | UTL | Method and System for Utilizing User Selection Data to Determine Relevance of a Web Document for a Search Query | 6/25/2009 | 6/25/2009 | 12/30/2010 | |
| | 2010-0306210 | 12/471,832 | ABANDONED | US | UTL | Clustering Identical or Disjoint Keyword Sets for Use With Auctions for Online Advertising Space | 5/26/2009 | 5/26/2009 | 12/2/2010 | |
| 563,850 | 2011-0173572 A1 | 12/686,677 | ISSUED | US | UTL | Method and Interface for Displaying Locations Associated with Annotations | 1/13/2010 | 1/13/2010 | 7/25/2011 | 2/7/2017 |
| | 20110173150 | 12/686,883 | PUBLISHED | US | UTL | Methods and System for Associating Locations with Annotations | 1/13/2010 | 1/13/2010 | 7/14/2011 | |
| | 2011-0054960 | 12/547,088 | ABANDONED | US | UTL | Dynamic Web Page Creation | 8/25/2009 | 8/25/2009 | 3/3/2011 | |

PATENT
REEL: 058534 FRAME: 0173

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2011-0066618 | 12/558,924 | ABANDONED | US | UTL | Query Term Relationship Characterization for Query Response Determination | 9/14/2009 | 9/14/2009 | 3/17/2011 | |
| | 2011-0072025 A1 | 12/562,794 | ABANDONED | US | UTL | Ranking Entity Relations Using External Corpus | 9/18/2009 | 9/18/2009 | 3/24/2011 | |
| | 2011-0055238 | 12/550,126 | ABANDONED | US | UTL | Methods and Systems for Generating Non-Overlapping Facets for a Query | 8/28/2009 | 8/28/2009 | 3/3/2011 | |
| | 2011-0197268 | 12/701,347 | ABANDONED | US | UTL | Captchas That Include Overlapped Characters, Projections On Virtual 3d Surfaces, And/Or Virtual 3d Objects | 2/5/2010 | 2/5/2010 | 8/11/2011 | |
| | 2011-0196722 | 12/701,320 | ABANDONED | US | UTL | Marketplace For Captcha Developers | 2/5/2010 | 2/5/2010 | 8/11/2011 | |
| | 2011-0173190 A1 | 12/684,678 | ABANDONED | US | UTL | Methods, Systems And/Or Apparatuses For Identifying And/Or Ranking Graphcial Images | 1/8/2010 | 1/8/2010 | 7/14/2011 | |
| | 20110197133 | 12/703,982 | ABANDONED | US | UTL | Methods and Apparatuses for Identifying and Monitoring Information in Electronic Documents Over a Network | 2/11/2010 | 2/11/2010 | 8/11/2011 | |
| | 2012-0150759 | 12/964,707 | EXPIRED | US | UTL | Non-Gaming On-Line Achievement Awards | 12/9/2010 | 12/9/2010 | 6/14/2012 | |
| | 2011-0208718 A1 | 12/710,865 | ABANDONED | US | UTL | Method and System for Adding Anchor Identifiers to Search Results | 2/23/2010 | 2/23/2010 | 8/25/2011 | |

PATENT
REEL: 058534 FRAME: 0174

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2012-0011129 A1 | 12/832,641 | ABANDONED | US | UTL | Faceted Exploration of Media Collections | 7/8/2010 | 7/8/2010 | 1/12/2012 | |
| | | 29/368,372 | ABANDONED | US | DES | Graphical User Interface | 8/23/2010 | 8/23/2010 | | |
| 8,285,483 | 20110202267 | 12/708,321 | ISSUED | US | UTL | Constructing Travel Itineraries from Tagged Geo-temporal Photographs | 2/18/2010 | 2/18/2010 | 8/18/2011 | 10/9/2012 |
| 8,594,925 | 2013-0085662 A1 | 13/630,680 | ISSUED | US | UTL | Constructing Travel Itineraries from Tagged Geo-temporal Photographs | 2/18/2010 | 9/28/2012 | 4/4/2013 | 11/26/2013 |
| 9,151,618 | 2014-0149036 A1 | 14/082,063 | ISSUED | US | UTL | Constructing Travel Itineraries from Tagged Geo-temporal Photographs | 2/18/2010 | 11/15/2013 | 5/29/2014 | 10/6/2015 |
| | 2011-0282891 | 12/779,718 | ABANDONED | US | UTL | Methods And Apparatuses For Providing A Search Crowd Capability | 5/13/2010 | 5/13/2010 | 11/17/2011 | |
| | 2012-0042020 | 12/857,000 | ABANDONED | US | UTL | Micro-Blog Message Filtering | 8/16/2010 | 8/16/2010 | 2/16/2012 | |
| | 2011-0276921 | 12/774,548 | ABANDONED | US | UTL | Selecting Content Based On Interest Tags That Are Included In An Interest Cloud | 5/5/2010 | 5/5/2010 | 11/10/2011 | |
| | 2012-0084657 | 12/894,461 | EXPIRED | US | UTL | Providing Content To A User From Multiple Sources Based On Interest Tag(S) That Are Included In An Interest Cloud | 9/30/2010 | 9/30/2010 | 4/5/2012 | |
| 8,775,606 | US 2012-0144016 A1 | 12/959,069 | ISSUED | US | UTL | System and Method for Counting Network Users | 12/2/2010 | 12/2/2010 | 6/7/2012 | 7/8/2014 |

PATENT
REEL: 058534 FRAME: 0175

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|---|---|---|---|---|---|---|---|---|---|---|
| | US 2013-0007091 A1 | 13/175,782 | EXPIRED | US | UTL | Methods and Apparatuses for Storing Shared Data Files in Distributed File Systems | 7/1/2011 | 7/1/2011 | 1/3/2013 | |
| | | 13/725,451 | ABANDONED | US | UTL | METHOD OR SYSTEM FOR SPILLING IN QUERY ENVIRONMENTS | 11/21/2011 | 12/21/2012 | | |
| 9,607,077 | 2014-0236943 A1 | 13/496,163 | ISSUED | US | UTL | Method Or System For Recommending Personalized Content | 11/1/2011 | 3/14/2012 | 8/21/2014 | 3/28/2017 |
| 8,634,654 | US 2012-0263385 A1 | 13/088,305 | ISSUED | US | UTL | Logo or Image Recognition | 4/15/2011 | 4/15/2011 | 10/18/2012 | 1/21/2014 |
| 9,508,021 | 2014-0133763 A1 | 14/158,598 | ISSUED | US | UTL | Logo or Image Recognition | 4/15/2011 | 1/17/2014 | 5/15/2014 | 11/29/2016 |
| | 2013-0166354 A1 | 13/335,653 | ABANDONED | US | UTL | Valuation Estimation | 12/22/2011 | 12/22/2011 | 6/27/2013 | |
| 9,405,846 | 2013-0124509-A1 | 13/297,131 | ISSUED | US | UTL | Publish-Subscribe Based Methods and Apparatuses for Associating Data Files | 11/15/2011 | 11/15/2011 | 5/16/2013 | 8/2/2016 |
| | 2013-0275455 A1 | 13/445,817 | ABANDONED | US | UTL | ASSOCIATING USERS VIA A SEARCH | 4/12/2012 | 4/12/2012 | 10/17/2013 | |
| | 2013-0159092-A1 | 13/329,456 | ABANDONED | US | UTL | System and method for efficient ranking in online advertising by shaping relevance scores | 12/19/2011 | 12/19/2011 | 6/20/2013 | |
| | 2013-0166395 A1 | 13/333,241 | ABANDONED | US | UTL | System and method for creating a delivery allocation plan in a network-based environment | 12/21/2011 | 12/21/2011 | 6/27/2013 | |
| | | 13/335,835 | ABANDONED | US | UTL | Method or system to indentify social influence | 12/23/2011 | 12/23/2011 | | |
| | 2013-0204869 A1 | 13/367,323 | ABANDONED | US | UTL | Reading Comprehensibility for Content Selection | 2/6/2012 | 2/6/2012 | 8/8/2013 | |

PATENT
REEL: 058534 FRAME: 0176

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,367,633 | 2014-0006328 A1 | 13/538,798 | ISSUED | US | UTL | METHOD OR SYSTEM FOR RANKING RELATED NEWS PREDICTIONS | 6/29/2012 | 6/29/2012 | 1/2/2014 | 6/14/2016 |
| | 2013-0179252 A1 | 13/348,573 | PUBLISHED | US | UTL | Method or System for Content Recommendations | 1/11/2012 | 1/11/2012 | 7/11/2013 | |
| | 2014-0040385-A1 | 13/563,638 | PUBLISHED | US | UTL | Apparatus, System, and Method for Expert Identification to Answer Users Queries | 7/31/2012 | 7/31/2012 | 2/6/2014 | |
| | 2014-0032474-A1 | 13/559,527 | ABANDONED | US | UTL | Forecasting an Outcome of an Election | 7/26/2012 | 7/26/2012 | 1/30/2014 | |
| 9,269,125 | 2014-0267433 A1 | 13/815,833 | ISSUED | US | UTL | Visualizing Regions Characterized by Labeled Measurements | 3/15/2013 | 3/15/2013 | 9/18/2014 | 2/23/2016 |
| 9,524,509 | 2014-0298211 A1 | 13/852,985 | ISSUED | US | UTL | Client Side Browser Notification | 3/28/2013 | 3/28/2013 | 10/2/2014 | 12/20/2016 |
| | 2015-0339275 A1 | 14/282,639 | PUBLISHED | US | UTL | Rendering Of On-line Content | 5/20/2014 | 5/20/2014 | 11/26/2015 | |
| | 2016-0005097 A1 | 14/325,192 | PUBLISHED | US | UTL | On-Line Product-Related Recommendations | 7/7/2014 | 7/7/2014 | 1/7/2016 | |
| 9,361,586 | 2015-0227849 A1 | 12/962,632 | ISSUED | US | UTL | Method and System for Invariant Pattern Recognition | 12/7/2010 | 12/7/2010 | 8/13/2015 | 6/7/2016 |
| | | 61/731,488 | CONV PRV | US | PRV | Spatial Information Discovery | 11/30/2012 | 11/30/2012 | | |
| | 2014-0164913 A1 | 14/093,408 | PUBLISHED | US | UTL | Dynamic Content Mapping | 11/30/2012 | 11/29/2013 | 6/12/2014 | |
| | | 61/781,237 | CONV PRV | US | PRV | Method and System for using natural language techniques to process queries | 3/14/2013 | 3/14/2013 | | |
| 8,818,795 | 2014-0278369 | 13/949,886 | ISSUED | US | UTL | Method and System for using natural language techniques to process inputs | 3/14/2013 | 7/24/2013 | 9/18/2014 | 8/26/2014 |

PATENT
REEL: 058534 FRAME: 0177

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,544,771 | 2016-0044509 A1 | 14/454,713 | ISSUED | US | UTL | Services access for mobile devices | 8/7/2014 | 8/7/2014 | 2/11/2016 | 1/10/2017 |
| | 2017-0086071 A1 | 15/366,984 | PUBLISHED | US | UTL | Services access for mobile devices | 8/7/2014 | 12/1/2016 | 3/23/2017 | |
| | 2016-0330581 A1 | 15/212,835 | PUBLISHED | US | UTL | Location Uncertainty in Search | 12/31/2014 | 7/18/2016 | 11/10/2016 | |
| | 2016-0189343 A1 | 14/588,213 | PUBLISHED | US | UTL | Image Cropping | 12/31/2014 | 12/31/2014 | 6/30/2016 | |
| | | 14/986,115 | PENDING | US | UTL | Network Content Communication | 12/31/2015 | 12/31/2015 | | |
| | 2016-0210367 A1 | 14/601,128 | PUBLISHED | US | UTL | Transition Event Detection | 1/20/2015 | 1/20/2015 | 7/21/2016 | |
| 9,607,217 | 2016-0180162 A1 | 14/579,998 | ISSUED | US | UTL | GENERATING PREFERENCE INDICES FOR IMAGE CONTENT | 12/22/2014 | 12/22/2014 | 6/23/2016 | 3/28/2017 |
| | | 15/463,774 | PENDING | US | UTL | Generating Preference Indices for Image Content | 12/22/2014 | 3/20/2017 | | |
| | 2016-0188741 A1 | 14/588,309 | PUBLISHED | US | UTL | WEB CONTENT PUBLISHING ACQUISITION | 12/31/2014 | 12/31/2014 | 6/30/2016 | |
| | 2017-0039456 A1 | 14/820,972 | PUBLISHED | US | UTL | Boosted Deep Convolutional Neural Networks (CNNs) | 8/7/2015 | 8/7/2015 | 2/9/2017 | |
| | 2017-0061310 A1 | 14/836,692 | PUBLISHED | US | UTL | Method and/or System for Recommender System | 8/26/2015 | 8/26/2015 | 3/2/2017 | |
| | 2017-0068992 A1 | 14/846,618 | PUBLISHED | US | UTL | Multi-Source Content Blending | 9/4/2015 | 9/4/2015 | 3/9/2017 | |
| | 2017-0070510 A1 | 14/849,320 | PUBLISHED | US | UTL | On-line Account Recovery | 9/9/2015 | 9/9/2015 | 3/9/2017 | |
| | 2016-0308882 A1 | 14/691,310 | PUBLISHED | US | UTL | Management of transactions in a distributed transaction system | 4/20/2015 | 4/20/2015 | 10/20/2016 | |
| | 2017-0083752 A1 | 14/859,040 | PUBLISHED | US | UTL | Face Detection | 9/18/2015 | 9/18/2015 | 3/23/2017 | |
| | 2017-0124200 A1 | 14/930,218 | PUBLISHED | US | UTL | Content Recommendation | 11/2/2015 | 11/2/2015 | 5/4/2017 | |

PATENT
REEL: 058534 FRAME: 0178

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 14/984,787 | PENDING | US | UTL | Search engine content switch | 12/30/2015 | 12/30/2015 | | |
| 9,496,893 | | 14/926,541 | ISSUED | US | UTL | Content Compression and/or Decompression | 10/29/2015 | 10/29/2015 | | 11/15/2016 |
| | 2017-0126246 A1 | 15/334,046 | PUBLISHED | US | UTL | Content Compression and/or Decompression | 10/29/2015 | 10/25/2016 | 5/4/2017 | |
| | | 14/979,085 | PENDING | US | UTL | Weighted Pseudo-Random Digital Content Selection | 12/22/2015 | 12/22/2015 | | |
| | | 14/986,180 | PENDING | US | UTL | On-Line Content Sampling | 12/31/2015 | 12/31/2015 | | |
| | | 15/170,754 | PENDING | US | UTL | Ranking Answers For On-line Community Questions | 6/1/2016 | 6/1/2016 | | |
| | | 15/230,731 | PENDING | US | UTL | Quality of location-related content | 8/8/2016 | 8/8/2016 | | |
| | | 15/332,838 | PENDING | US | UTL | Clustering Of Geographical Content | 10/24/2016 | 10/24/2016 | | |
| | | 15/473,313 | PENDING | US | UTL | Machine Learning Classification Of Digital Content For Mobile Devices | 3/29/2017 | 3/29/2017 | | |
| | | 15/444,912 | PENDING | US | UTL | Changing Machine Learning Classification Of Digital Content | 2/28/2017 | 2/28/2017 | | |
| | | 60/461,904 | CONV PRV | US | PRV | A Method and Apparatus for Assessment of Effectiveness of Advertisements on an Internet Hub Network | 4/10/2003 | 4/10/2003 | | |
| | 2004-0204983 A1 | 10/633,168 | ABANDONED | US | UTL | A Method and Apparatus for Assessment of Effectiveness of Advertisements on an Internet Hub Network | 4/10/2003 | 8/1/2003 | 10/14/2004 | |

PATENT
REEL: 058534 FRAME: 0179

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/504,084 | CONV PRV | US | PRV | COMMAND CENTER AND INTERFACE FOR WEB BASED BUSINESS MERCHANDISING AND SERVICE | 9/19/2003 | 9/19/2003 | | |
| 7,627,829 | 2005-0076132-A1 | 10/800,128 | ISSUED | US | UTL | Command Center and Interface for Web Based Business Merchandising and Service | 9/19/2003 | 3/11/2004 | 4/7/2005 | 12/1/2009 |
| | | 11/130,592 | ABANDONED | US | UTL | Content Management System for User Behavior Targeting | 6/2/2004 | 5/16/2005 | | |
| | | 60/074,678 | CONV PRV | US | PRV | Search Engine Using Sales and Revenues to Weight Search Results | 2/13/1998 | 2/13/1998 | | |
| 6,631,372 | | 09/249,828 | ISSUED | US | UTL | Search Engine Using Sales and Revenues to Weight Search Results | 2/13/1998 | 2/12/1999 | | 10/7/2003 |
| | | 60/537,383 | CONV PRV | US | PRV | Personalized Vertical Search | 1/16/2004 | 1/16/2004 | | |
| | 2005-0160083 A1 | 10/881,730 | PUBLISHED | US | UTL | User-Specific Vertical Search | 1/16/2004 | 6/29/2004 | 7/21/2005 | |
| | | 60/504,577 | CONV PRV | US | PRV | Self-Service Catalog Manager for Stores Implemented on a Communications Network | 9/19/2003 | 9/19/2003 | | |
| | | 60/490,741 | CONV PRV | US | PRV | Self-Service Platform for Selling Advertising | 6/28/2003 | 6/28/2003 | | |
| | 2005-0027594 A1 | 10/700,837 | ABANDONED | US | UTL | Self-Service Platform for Selling Advertisements | 7/28/2003 | 11/3/2003 | 2/3/2005 | |

PATENT
REEL: 058534 FRAME: 0180

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/272,631 | CONV PRV | US | PRV | System and Methods for Targeting Online Advertiser and Merchant Marketing Campaigns Based on User Behavior | 2/28/2001 | 2/28/2001 | | |
| | | 10/086,651 | ABANDONED | US | UTL | System and Methods for Targeting Online Advertiser and Merchant Marketing Campaigns Based on User Behavior | 2/28/2001 | 2/28/2002 | | |
| | | 60/526,308 | EXPIRED | US | PRV | CLICK THROUGH RANKING OF IMAGES AND OTHER DATA | 12/1/2003 | 12/1/2003 | | |
| | | 60/097,029 | EXPIRED | US | PRV | Collecting, Combining, Analyzing and using Internet and Business Information | 8/17/1998 | 8/17/1998 | | |
| | | 60/517,936 | EXPIRED | US | PRV | COUNTRY TAGGING | 11/5/2003 | 11/5/2003 | | |
| | | 60/106,500 | EXPIRED | US | PRV | SEARCH AND NAVIGATION SYSTEM AND METHOD USING CATEGORY INTERSECTION PRE-COMPUTATION | 10/29/1998 | 10/29/1998 | | |
| | US 2006-0015401 A1 | 10/893,761 | ABANDONED | US | UTL | EFFICIENTLY SPACED AND USED ADVERTISING IN NETWORKING-SERVED MULTIMEDIA DOCUMENTS | 7/15/2004 | 7/15/2004 | 1/19/2006 | |
| | | 60/637,876 | CONV PRV | US | PRV | Group Polling for Consumer Review | 12/20/2004 | 12/20/2004 | | |
| | | 11/305,830 | ABANDONED | US | UTL | Group Polling for Consumer Review | 12/20/2004 | 12/16/2005 | | |
| | US 2006-0190475 A1 | 11/313,254 | ABANDONED | US | UTL | Group Polling for Consumer Review | 12/20/2004 | 12/20/2005 | 8/24/2006 | |

PATENT
REEL: 058534 FRAME: 0181

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2004-0220914-A1 | 10/429,208 | ABANDONED | US | UTL | CONTENT PERFORMANCE ASSESSMENT OPTIMIZATION FOR SEARCH LISTINGS IN WIDE AREA NETWORK SEARCHES | 5/2/2003 | 5/2/2003 | 11/4/2004 | |
| | US 2005-0065928 A1 | 10/910,780 | ABANDONED | US | UTL | Content Performance Assessment Optimization for Search Listings in Wide Area Network Searches | 5/2/2003 | 8/2/2004 | 3/24/2005 | |
| | US-2010-0106706-A1 | 12/653,926 | ABANDONED | US | UTL | Method and Apparatus for Identifying Related Searches in a Database Search System | 5/22/2000 | 12/17/2009 | 4/29/2010 | |
| | 2006-0026063 A1 | 11/026,516 | ABANDONED | US | UTL | System and Method for Advertising Campaign Strategy Development and Optimization | 7/30/2004 | 12/30/2004 | 2/2/2006 | |
| | US 2006-0026062 A1 | 11/026,515 | ABANDONED | US | UTL | SYSTEM AND METHOD FOR OPTIMIZING ADVERTISING MARKETPLACE OPERATIONS | 7/30/2004 | 12/30/2004 | 2/2/2006 | |
| | US-2004-0215608-A1 | 10/424,172 | ABANDONED | US | UTL | Search engine supplemented with URL's that provide access to the search results from predefined search queries | 4/25/2003 | 4/25/2003 | 10/28/2004 | |
| | US-2006-0235824-A1 | 11/248,780 | ABANDONED | US | UTL | Automated Processing of Appropriateness Determination of Content for Search Listings in Wide Area Network Searches | 9/13/2002 | 10/11/2005 | 10/19/2006 | |

PATENT
REEL: 058534 FRAME: 0182

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/310,022 | EXPIRED | US | PRV | SYSTEM AND METHOD FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE | 5/28/1999 | 8/3/2001 | | |
| | US-2005-0223000-A1 | 11/097,930 | ABANDONED | US | UTL | System and Method for Influencing a Position on a Search Result List Generated by a Computer Network Search Engine | 5/28/1999 | 4/1/2005 | 10/6/2005 | |
| | US 2002-0147570 A1 | 09/832,434 | ABANDONED | US | UTL | System and Method for Monitoring the Interaction of Randomly Selected Users with a Web Domain | 4/10/2001 | 4/10/2001 | 10/10/2002 | |
| | 2005-0065917 A1 | 10/840,667 | ABANDONED | US | UTL | Search engine for selecting targeted messages | 3/5/2001 | 5/6/2004 | 3/24/2005 | |
| | US 2006/0282314 A1 | 11/150,556 | ABANDONED | US | UTL | Universal advertisement services architecture | 6/10/2005 | 6/10/2005 | 12/14/2006 | |
| | US-2005-0065844 | 10/671,268 | ABANDONED | US | UTL | System and method for managing an advertising campaign on a network | 9/24/2003 | 9/24/2003 | 3/24/2005 | |
| 6,499,052 | | 09/372,350 | ISSUED | US | UTL | Electronic Commerce System for Referencing Remote Commerce Sites at a Local Commerce Site | 8/11/1999 | 8/11/1999 | | 12/24/2002 |
| | US 20030004781A1 | 09/884,821 | ABANDONED | US | UTL | Method and System for Predicting Aggregate Behavior Using On-Line Interest Data | 6/18/2001 | 6/18/2001 | 1/2/2003 | |

PATENT
REEL: 058534 FRAME: 0183

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 11/524,089 | ABANDONED | US | UTL | Method for Processing Web-Based New and Used Good Comparison Shopping (Catalog Management System) | 10/14/1999 | 9/20/2006 | | |
| | 20040070600 | 10/260,134 | ABANDONED | US | UTL | System and Method for Displaying Images and Video Within a Web Page | 9/27/2002 | 9/27/2002 | 4/15/2004 | |
| | | 09/617,584 | ABANDONED | US | UTL | System and Method for Selecting Alternative Advertising Inventory in Place of Sold Out Advertising Inventory | 7/18/2000 | 7/18/2000 | | |
| | US20050004835A1 | 10/610,729 | ABANDONED | US | UTL | System and Method of Placing a Search Listing in at Least One Search Result List | 7/1/2003 | 7/1/2003 | 1/6/2005 | |
| | 20060026071 | 11/243,103 | ABANDONED | US | UTL | Targeted Advertisements Using Time-Dependent Key Search Terms | 9/10/2001 | 10/4/2005 | 2/2/2006 | |
| | 2004-0167845 | 10/372,637 | ABANDONED | US | UTL | METHOD AND APPARATUS FOR DETERMINING A MINIMUM PRICE PER CLICK FOR A TERM IN AN AUCTION BASED INTERNET SEARCH | 2/21/2003 | 2/21/2003 | 8/26/2004 | |
| | US 2003-0101126 A1 | 09/993,926 | ABANDONED | US | UTL | Position Bidding in a Pay for Placement Search System | 11/13/2001 | 11/13/2001 | 5/29/2003 | |
| | | 10/913,012 | ABANDONED | US | UTL | SYSTEM AND METHOD FOR RAPID COMPLETION OF DATA PROCESSING TASKS DISTRIBUTED ON A NETWORK | 2/11/2000 | 8/5/2004 | | |

PATENT
REEL: 058534 FRAME: 0184

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2010-0179879-A1 | 12/728,021 | ABANDONED | US | UTL | Use of Extensible Markup Language in a System and Method for Influencing a Position on a Search Result List Generated by a Computer Network Search Engine | 5/8/2002 | 3/19/2010 | 7/15/2010 | |
| | US-2007-0027751-A1 | 11/281,940 | ABANDONED | US | UTL | Positioning Advertisements On The Bases of Expected Revenue | 7/29/2005 | 11/16/2005 | 2/1/2007 | |
| | 20070027771 | 11/508,018 | ABANDONED | US | UTL | API for Maintenance and Delivery of Advertising Content | 12/30/2005 | 8/21/2006 | 2/1/2007 | |
| | 2007-0027758 A1 | 11/413,383 | ABANDONED | US | UTL | System and Method for Creating and Providing a User Interface for Managing Advertiser Defined Groups of Advertisement Campaign Information (PANAMA) | 7/29/2005 | 4/28/2006 | 1/1/2007 | |
| | 20070027757 | 11/413,222 | ABANDONED | US | UTL | System and Method for Creating and Providing a User Interface for Customizing Reports on Advertiser Defined Groups of Advertisement Campaign Information (PANAMA) | 7/29/2005 | 4/28/2006 | 1/1/2007 | |

PATENT
REEL: 058534 FRAME: 0185

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 20070027761 | 11/413,536 | ABANDONED | US | UTL | Application Program Interface for Customizing Reports on Advertiser Defined Groups of Advertisement Campaign Information (PANAMA) | 7/29/2005 | 4/28/2006 | 2/1/2007 | |
| | 20070027756 | 11/413,221 | ABANDONED | US | UTL | Application Program Interface for Optimizing Advertiser Defined Groups of Advertisement Campaign Information (PANAMA) | 7/29/2005 | 4/28/2006 | 1/1/2007 | |
| | 20080183558 | 11/413,514 | ABANDONED | US | UTL | System and Method for Creating and Providing a User Interface for Managing Advertiser Defined Groups of Advertisement Campaign Information (PANAMA) | 7/29/2005 | 4/28/2006 | 7/31/2008 | |
| | US-2007-0027865-A1 | 11/432,585 | ABANDONED | US | UTL | System and Method for Determining Semantically Related Term | 7/29/2005 | 5/11/2006 | 2/1/2007 | |
| | 20070027765 | 11/489,386 | ABANDONED | US | UTL | Architecture For An Advertisement Delivery System | 7/29/2005 | 7/18/2006 | 2/1/2007 | |
| | US-2008-0270223-A1 | 12/166,950 | ABANDONED | US | UTL | System and Method for Creating and Providing a User Interface for Displaying Advertiser Defined Groups of Advertisement Campaign Information | 7/29/2005 | 7/2/2008 | 10/30/2008 | |

PATENT
REEL: 058534 FRAME: 0186

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 20060293949 | 11/159,456 | ABANDONED | US | UTL | Method and Apparatus for Generating Targeted Advertisements | 6/23/2005 | 6/23/2005 | 12/28/2006 | |
| | 20070078711 | 11/243,453 | ABANDONED | US | UTL | PRIORITIZATION OF ADVERTISEMENTS FOR DELIVERY OVER A NETWORK BASED ON PREDICTED INVENTORIES | 10/3/2005 | 10/3/2005 | 4/5/2007 | |
| | US-2007-0088605-A1 | 11/253,907 | ABANDONED | US | UTL | System and Method for Achieving Linear Advertisement Impression Delivery Under Uneven, Volatile Traffic Conditions | 10/19/2005 | 10/19/2005 | 4/19/2007 | |
| | US-2008-0015878-A1 | 11/488,933 | ABANDONED | US | UTL | Real-Time User Profile Platform For Targeted Online Advertisement And Personalization | 7/18/2006 | 7/18/2006 | 1/17/2008 | |
| | US-2007-0214457 | 11/372,709 | ABANDONED | US | UTL | System and Method for Automated Recovery of Data in a Batch Processing System | 3/10/2006 | 3/10/2006 | 9/13/2007 | |
| | US 2008-0288344-A1 | 11/749,476 | ABANDONED | US | UTL | SYSTEM FOR TIERED BIDDING IN AN ONLINE INFORMATION SYSTEM BASED ON THE INTEGRITY OF NETWORK INTERACTIONS | 5/16/2007 | 5/16/2007 | 11/20/2008 | |
| | 2004-0186769 A1 | 10/395,033 | ABANDONED | US | UTL | System and Method of Modifying the Price Paid by an Advertiser in a Search Result List | 3/21/2003 | 3/21/2003 | 9/23/2004 | |

PATENT
REEL: 058534 FRAME: 0187

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | US-2007-0100801-A1 | 11/264,671 | ABANDONED | US | UTL | System for Selecting Categories in Accordance with Advertising | 10/31/2005 | 10/31/2005 | 5/3/2007 | |
| | US-2009-0012807-A1 | 12/171,030 | ABANDONED | US | UTL | Clickable Map Interface for Product Inventory | 10/31/2005 | 7/10/2008 | 1/8/2009 | |
| 7,257,570 | US 2005-0108213 A1 | 10/745,093 | ISSUED | US | UTL | Geographical Location Extraction | 12/22/2003 | 12/22/2003 | 5/19/2005 | 8/14/2007 |
| 7,849,071 | US-2008-0016055-A1 | 11/773,212 | ISSUED | US | UTL | Geographical Location Extraction | 12/22/2003 | 7/3/2007 | 1/17/2008 | 12/7/2010 |
| 7,844,283 | | 10/861,265 | ISSUED | US | UTL | A method of providing location based information | 6/3/2004 | 6/3/2004 | 1/6/2005 | 11/30/2010 |
| 8,280,624 | US 2005-0060430 A1 | 10/680,495 | ISSUED | US | UTL | Method of determining a likely geographical location | 8/13/2003 | 10/7/2003 | 3/17/2005 | 10/2/2012 |
| | US 2006-0004797 A1 | 10/982,629 | ABANDONED | US | UTL | Geographical location indexing | 7/5/2004 | 11/4/2004 | 1/5/2006 | |
| | 2007-0150199 A1 | 11/314,191 | ABANDONED | US | UTL | System and Method for Geo-Coding Using Spatial Geometry | 12/13/2005 | 12/13/2005 | 6/28/2007 | |
| | 20080208852 | 11/710,879 | ABANDONED | US | UTL | EDITABLE USER INTERESTS PROFILE | 2/26/2007 | 2/26/2007 | 8/28/2008 | |
| | 2010/0174710 A1 | 12/705,882 | ABANDONED | US | UTL | Matching and Ranking of Sponsored Search Listings Incorporating Web Search Technology and Web Content | 1/18/2005 | 2/15/2010 | 7/8/2010 | |
| | 2008-0154717 A1 | 11/644,127 | PUBLISHED | US | UTL | Publisher scoring | 12/22/2006 | 12/22/2006 | 6/26/2008 | |
| | US-2008-0256034-A1 | 11/733,630 | ABANDONED | US | UTL | System and method for understanding relationships between keywords and advertisements | 4/10/2007 | 4/10/2007 | 10/16/2008 | |
| | 2013-0290099 A1 | 13/847,903 | EXPIRED | US | UTL | SPONSORED LISTING RECOMMENDATION ENGINE | 3/14/2007 | 3/20/2013 | 10/31/2013 | |

PATENT
REEL: 058534 FRAME: 0188

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 11/712,276 | ABANDONED | US | UTL | SYSTEM FOR SERVING ADVERTISEMENTS OVER MOBILE DEVICES | 3/6/2006 | 2/28/2007 | 11/15/2007 | |
| | US-2007-0270188-A1 | 11/830,307 | ABANDONED | US | UTL | SYSTEM FOR DYNAMICALLY GENERATING A MOBILE PAGE RELATED TO A REVENUE GENERATOR AND FORMATTED FOR DISPLAY ON A MOBILE DEVICE OF A MOBILE CARRIER | 3/6/2006 | 7/30/2007 | 11/22/2007 | |
| | US-2007-0288318-A1 | 11/830,431 | ABANDONED | US | UTL | System for displaying the advertising performance of a revenue generator for each mobile carrier in a plurality of mobile carriers | 3/6/2006 | 7/30/2007 | 12/13/2007 | |
| | 2008-0148223-A1 | 11/641,648 | ABANDONED | US | UTL | Systems for Defining a Declarative Language | 12/19/2006 | 12/19/2006 | 6/19/2008 | |
| | US-2007-0214142-A1 | 11/373,041 | ABANDONED | US | UTL | System and Method for Providing Transaction Support Across a Plurality of Data Structures | 3/10/2006 | 3/10/2006 | 9/13/2007 | |
| | US-2008-0082486-A1 | 11/529,841 | ABANDONED | US | UTL | Platform for user discovery experience | 9/29/2006 | 9/29/2006 | 4/3/2008 | |
| | US-2009-0198684-A1 | 12/419,141 | ABANDONED | US | UTL | System and Method for Determining Semantically Related Terms | 5/11/2006 | 4/6/2009 | 8/6/2009 | |
| | | 11/475,371 | ABANDONED | US | UTL | Method and System for Authenticating Beacon Requests in a Client-Side Counting System | 6/26/2006 | 6/26/2006 | | |

PATENT
REEL: 058534 FRAME: 0189

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 11/475,368 | ABANDONED | US | UTL | Method and System for Consolidating Beacon Requests in a Client-Side Counting System | 6/26/2006 | 6/26/2006 | | |
| | | 11/475,367 | ABANDONED | US | UTL | Method and System for Counting Advertisement Impressions in Cached Webpage Content in a Client-Side Counting System | 6/26/2006 | 6/26/2006 | | |
| | US-2008-0004956-A1 | 11/476,324 | ABANDONED | US | UTL | System and Method for Generating Graphical Advertisements Based on Text Offers | 6/28/2006 | 6/28/2006 | 1/3/2008 | |
| | | 12/166,981 | ABANDONED | US | UTL | System and Method for Generating Graphical Advertisements Based on Text Offers | 6/28/2006 | 7/2/2008 | | |
| | US-2008-0097982-A1 | 11/583,495 | ABANDONED | US | UTL | System and Method for Classifying Search Queries | 10/18/2006 | 10/18/2006 | 5/5/2008 | |
| | US 2008/0153520-A1 | 11/643,085 | ABANDONED | US | UTL | Targeted Short Messaging Service Advertisements | 12/21/2006 | 12/21/2006 | 6/26/2008 | |
| | 2007-0255690 | 11/414,516 | ABANDONED | US | UTL | System and Method for Forecasting the Performance of Advertisements | 4/28/2006 | 4/28/2006 | 11/1/2007 | |
| | US-2008-0033810-A1 | 11/498,638 | ABANDONED | US | UTL | System And Method For Forecasting The Performance Of Advertisements Using Fuzzy Systems | 8/2/2006 | 8/2/2006 | 2/7/2008 | |
| | US-2008-0162281-A1 | 11/646,881 | ABANDONED | US | UTL | System for Creating Media Objects Including Advertisements | 12/28/2006 | 12/28/2006 | 7/3/2008 | |

PATENT
REEL: 058534 FRAME: 0190

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/177,044 | CONV PRV | US | PRV | SYSTEM AND METHOD FOR RANKING ITEMS | 1/18/2000 | 1/18/2000 | | |
| | US 2002-0147570 A1 | 09/765,270 | ABANDONED | US | UTL | SYSTEM AND METHOD FOR RANKING ITEMS | 1/18/2000 | 1/18/2001 | 1/10/2002 | |
| | US-2008-0071775-A1 | 11/859,473 | ABANDONED | US | UTL | System and Method for Ranking Items | 1/18/2000 | 9/21/2007 | 3/20/2008 | |
| | US-2008-0109273-A1 | 11/592,615 | ABANDONED | US | UTL | System and Method for Predicting a Displayable Form of a Term | 11/3/2006 | 11/3/2006 | 5/8/2008 | |
| | US-2008-0109274-A1 | 11/592,898 | ABANDONED | US | UTL | System and Method for Predicting a Casing Variation of a Term | 11/3/2006 | 11/3/2006 | 5/19/2008 | |
| | US 2008/0104199 A1 | 11/590,520 | ABANDONED | US | UTL | IDENTITY AND PREFERENCE MANAGEMENT VIA UNIVERSAL IDENTIFIER | 10/31/2006 | 10/31/2006 | 5/1/2008 | |
| | 20080201218 | 11/708,272 | EXPIRED | US | UTL | Methods of Dynamically Creating Personalized Internet Advertisements Based on Content | 2/20/2007 | 2/20/2007 | 8/21/2008 | |
| | US-2009-0024467-A1 | 11/781,140 | ABANDONED | US | UTL | Serving Advertisements with a Webpage Based on a Referrer Address of the Webpage | 7/20/2007 | 7/20/2007 | 1/22/2009 | |
| | US 2008/0114629 A1 | 11/595,115 | ABANDONED | US | UTL | System for Matching Users and Transportation Providers | 11/9/2006 | 11/9/2006 | 5/15/2008 | |
| | US 2008/0140476-A1 | 11/638,106 | ABANDONED | US | UTL | SMART ADVERTISEMENT GENERATING SYSTEM | 12/12/2006 | 12/12/2006 | 6/12/2008 | |
| | US 2008/0140508-A1 | 11/638,105 | ABANDONED | US | UTL | SYSTEM FOR OPTIMIZING THE PERFORMANCE OF A SMART ADVERTISEMENT | 12/12/2006 | 12/12/2006 | 6/12/2008 | |

PATENT
REEL: 058534 FRAME: 0191

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2008-0172293 | 11/646,970 | ABANDONED | US | UTL | OPTIMIZATION FRAMEWORK FOR ASSOCIATION OF ADVERTISEMENTS WITH SEQUENTIAL MEDIA | 12/28/2006 | 12/28/2006 | 7/17/2008 | |
| | 20080126450 | 11/605,810 | ABANDONED | US | UTL | Aggregation Syndication Platform | 11/28/2006 | 11/28/2006 | 5/29/2008 | |
| | US-2008-0155399-A1 | 11/642,476 | ABANDONED | US | UTL | System and Method for Indexing a Document that Includes a Misspelled Word | 12/20/2006 | 12/20/2006 | 6/26/2008 | |
| | 2008-0155574-A1 | 11/642,576 | ABANDONED | US | UTL | META-DATA DRIVEN DATA ACCESS SYSTEM | 12/20/2006 | 12/20/2006 | 6/26/2008 | |
| | US-2008-0147498-A1 | 11/639,803 | ABANDONED | US | UTL | System and Method for Adjusting Parameters of a Digital Ad and Third-Party Traffic Based on a Difference in Time Between Geographic Regions | 12/15/2006 | 12/15/2006 | 6/19/2008 | |
| | US 2008/0154664-A1 | 11/644,586 | ABANDONED | US | UTL | SYSTEM FOR GENERATING SCORES RELATED TO INTERACTIONS WITH A REVENUE GENERATOR | 12/21/2006 | 12/21/2006 | 7/26/2008 | |
| | US 2008/0154667-A1 | 11/698,508 | ABANDONED | US | UTL | SYSTEM FOR MONITORING A REVENUE GENERATOR | 12/21/2006 | 1/26/2007 | 6/26/2008 | |
| | US 2008/0154668-A1 | 11/698,676 | ABANDONED | US | UTL | SYSTEM FOR MONITORING A SERVICE PROVIDER PARTNER | 12/21/2006 | 1/26/2007 | 6/26/2008 | |
| | US-2008-0270154-A1 | 11/789,729 | EXPIRED | US | UTL | System for Scoring Click Traffic | 4/25/2007 | 4/25/2007 | 10/30/2008 | |

PATENT
REEL: 058534 FRAME: 0192

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|---|---|---|---|---|---|---|---|---|---|---|
| 7,774,348 | US 2008/0243821-A1 | 11/729,103 | ISSUED | US | UTL | SYSTEM FOR PROVIDING GEOGRAPHICALLY RELEVANT CONTENT TO A SEARCH QUERY WITH LOCAL INTENT | 3/28/2007 | 3/28/2007 | 10/2/2008 | 8/10/2010 |
| 8,145,645 | 2010-0299200 | 12/784,240 | ISSUED | US | UTL | System for Identifying Geographically Relevant Advertisements from a Search Query | 3/28/2007 | 5/20/2010 | 11/25/2010 | 3/27/2012 |
| | US-2008-0243480-A1 | 11/731,396 | ABANDONED | US | UTL | System and Method for Determining Semantically Related Terms | 3/30/2007 | 3/30/2007 | 10/2/2008 | |
| | US-2008-0243826-A1 | 11/731,502 | ABANDONED | US | UTL | System and Method for Determining Semantically Related Terms | 3/30/2007 | 3/30/2007 | 10/2/2008 | |
| | 2009-0037375 | 11/830,282 | ABANDONED | US | UTL | Method and apparatus for the placement of advertisements in a search results page | 7/30/2007 | 7/30/2007 | 2/5/2009 | |
| | US-2009-0037261-A1 | 11/830,101 | ABANDONED | US | UTL | Method and apparatus for utilizing search result advertisement inventory | 7/30/2007 | 7/30/2007 | 2/5/2009 | |
| | US-008-0242272-A1 | 11/691,629 | ABANDONED | US | UTL | System and Method for Search Engine Marketers to Implement Behavioral Targeting | 3/27/2007 | 3/27/2007 | 10/2/2008 | |
| | US-2008-0256035-A1 | 11/733,652 | ABANDONED | US | UTL | Query Substitution Using Active Learning | 4/10/2007 | 4/10/2007 | 10/16/2008 | |
| | US-2009-0037402-A1 | 11/831,872 | ABANDONED | US | UTL | System and method for predicting clickthrough rates and relevance | 7/31/2007 | 7/31/2007 | 2/5/2009 | |

PATENT
REEL: 058534 FRAME: 0193

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0037410-A1 | 11/854,052 | ABANDONED | US | UTL | System and method for predicting clickthrough rates and relevance | 9/12/2007 | 9/12/2007 | 2/5/2009 | |
| | | 11/787,093 | ABANDONED | US | UTL | System and Method for Balancing Goal Guarantees and Optimization of Revenue Under Uneven, Volatile Traffic Conditions | 4/13/2007 | 4/13/2007 | | |
| | US-2009-0037399-A1 | 11/831,311 | ABANDONED | US | UTL | SYSTEM AND METHOD FOR DETERMINING SEMANTICALLY RELATED TERMS | 7/31/2007 | 7/31/2007 | 2/5/2009 | |
| | US-2008-0256037-A1 | 11/734,300 | ABANDONED | US | UTL | A METHOD AND SYSTEM FOR GENERATING AN ORDERED LIST | 4/12/2007 | 4/12/2007 | 10/16/2008 | |
| | US-2008-0256057-A1 | 11/786,547 | ABANDONED | US | UTL | Optimizing a Query Using Fuzzy Matching | 4/12/2007 | 4/12/2007 | 10/16/2008 | |
| | US 2002-0112033 A1 | 09/924,808 | ABANDONED | US | UTL | Content Enhancement System and Method | 9/8/2001 | 9/8/2001 | 8/15/2002 | |
| | US 2005-0038700 A1 | 10/915,910 | ABANDONED | US | UTL | System and Method for Creating Modular Advertisements | 8/11/2004 | 8/11/2004 | 2/17/2005 | |
| | US-2008-0243612-A1 | 11/729,697 | ABANDONED | US | UTL | SYSTEM AND METHOD FOR USING A BROWSER EXTENSION TO DETECT EVENTS RELATED TO DIGITAL ADVERTISEMENTS | 3/29/2007 | 3/29/2007 | 10/2/2008 | |
| | 2009-0171728 | 11/965,002 | ABANDONED | US | UTL | Simulation framework for evaluating designs for sponsored search markets | 12/27/2007 | 12/27/2007 | 7/2/2009 | |

PATENT
REEL: 058534 FRAME: 0194

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2008-0300972-A1 | 11/755,571 | ABANDONED | US | UTL | System and Method for Generating User-Assisted Advertising Relevancy Scores | 5/30/2007 | 5/30/2007 | 12/4/2008 | |
| 8,302,013 | US-2009-0046584-A1 | 11/840,146 | ISSUED | US | UTL | Personalized Page Modules | 8/16/2007 | 8/16/2007 | 2/19/2009 | 10/30/2012 |
| | US-2009-0049380-A1 | 11/840,180 | ABANDONED | US | UTL | Page Modules and States | 8/16/2007 | 8/16/2007 | 2/19/2009 | |
| 8,812,944 | US-2009-0049370-A1 | 11/840,168 | ISSUED | US | UTL | Page Modules and Providing Content | 8/16/2007 | 8/16/2007 | 2/19/2009 | 8/19/2014 |
| | 2009-0037947 A1 | 11/830,157 | ABANDONED | US | UTL | Textual and visual interactive advertisements in videos | 7/30/2007 | 7/30/2007 | 2/5/2009 | |
| | US-2009-0037262-A1 | 11/830,164 | EXPIRED | US | UTL | System for Contextual Matching of Videos with Advertisements | 7/30/2007 | 7/30/2007 | 2/5/2009 | |
| | US-2008-0288325-A1 | 11/748,719 | ABANDONED | US | UTL | System and Method for Providing Information Regarding a Redirection of an Internet User to a Webpage | 5/15/2007 | 5/15/2007 | 11/20/2008 | |
| | US-2009-0006311-A1 | 11/770,083 | ABANDONED | US | UTL | AUTOMATED SYSTEM TO IMPROVE SEARCH ENGINE OPTIMIZATION ON WEB PAGES | 6/28/2007 | 6/28/2007 | 1/1/2009 | |
| 8,423,003 | US-2009-0017804-A1 | 11/776,073 | ISSUED | US | UTL | SYSTEM FOR SERVING TARGETED ADVERTISEMENTS OVER MOBILE MESSAGING SERVICES | 7/11/2007 | 7/11/2007 | 1/15/2009 | 4/16/2013 |
| | US-2009-0018913-A1 | 12/165,175 | ABANDONED | US | UTL | System for Serving Targeted Advertisements over Mobile Messaging Services | 7/11/2007 | 6/30/2008 | 1/15/2009 | |
| | US-2008-0279349-A1 | 11/745,276 | ABANDONED | US | UTL | Media with Embedded Network Services | 5/7/2007 | 5/7/2007 | 11/13/2008 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2009-0063268 A1 | 11/849,986 | EXPIRED | US | UTL | Targeting Using Historical Data | 9/4/2007 | 9/4/2007 | 3/5/2009 | |
| | US-2009-0144220-A1 | 11/948,236 | ABANDONED | US | UTL | System for Storing Distributed Hashtables | 11/30/2007 | 11/30/2007 | 6/4/2009 | |
| | US-2009-0144333-A1 | 11/948,262 | ABANDONED | US | UTL | System for Maintaining a Database | 11/30/2007 | 11/30/2007 | 6/4/2009 | |
| | US-2008-0287107-A1 | 11/750,156 | ABANDONED | US | UTL | System and Method for providing advertisements over a communication network utilizing shared-revenue incentives | 5/17/2007 | 5/17/2007 | 11/20/2008 | |
| | US-2009-0055254-A1 | 11/843,898 | ABANDONED | US | UTL | Dynamic and interactive advertisements | 8/23/2007 | 8/23/2007 | 2/26/2009 | |
| | US-2009-0030781-A1 | 11/782,243 | ABANDONED | US | UTL | Creating and Displaying Universal Ad over Multiple Different Platforms | 7/24/2007 | 7/24/2007 | 1/29/2009 | |
| | US 2008-0256056-A1 | 11/786,326 | ABANDONED | US | UTL | SYSTEM FOR BUILDING A DATA STRUCTURE REPRESENTING A NETWORK OF USERS AND ADVERTISERS | 4/10/2007 | 4/10/2007 | 10/16/2008 | |
| | US 2008-0255937-A1 | 11/830,515 | ABANDONED | US | UTL | SYSTEM FOR OPTIMIZING THE PERFORMANCE OF ONLINE ADVERTISEMENTS USING A NETWORK OF USERS AND ADVERTISERS | 4/10/2007 | 7/30/2007 | 10/16/2008 | |

PATENT
REEL: 058534 FRAME: 0196

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|---|---|---|---|---|---|---|---|---|---|---|
| | US 2008-0256039-A1 | 11/830,693 | ABANDONED | US | UTL | SYSTEM FOR DETERMINING THE QUALITY OF QUERY SUGGESTION SYSTEMS USING A NETWORK OF USERS AND ADVERTISERS | 4/10/2007 | 7/30/2007 | 10/16/2008 | |
| | US 2008-0256060-A1 | 11/830,726 | ABANDONED | US | UTL | System for determining the Quality of query suggestions using a network of users and advertisers | 4/10/2007 | 7/30/2007 | 10/16/2008 | |
| | 2009-0024576 | 11/780,105 | ABANDONED | US | UTL | Listing Relevancy Optimization for Marketplaces of Limited Supply | 7/19/2007 | 7/19/2007 | 1/22/2009 | |
| | 2009-0106096 A1 | 11/876,384 | ABANDONED | US | UTL | Online Advertisement Delivery Based On User Feedback | 10/22/2007 | 10/22/2007 | 4/23/2009 | |
| | 2009-0132633 | 11/943,122 | ABANDONED | US | UTL | Dynamic Content Pipeline | 11/20/2007 | 11/20/2007 | 5/21/2009 | |
| | 2012-0109758 A1 | 13/280,111 | ABANDONED | US | UTL | Method For Matching Electronic Advertisements To Surrounding Context Based On Their Advertisement Content | 7/16/2007 | 10/24/2011 | 5/3/2012 | |
| | 2016-0292725 A1 | 15/177,704 | PUBLISHED | US | UTL | Integrating Sponsored Media with User-Generated Content | 8/29/2007 | 6/9/2016 | 10/6/2016 | |
| | 2009-0063249 | 11/849,811 | ABANDONED | US | UTL | Adaptive Ad Server | 9/4/2007 | 9/4/2007 | 3/5/2009 | |
| | 2009-0070873 | 11/853,447 | ABANDONED | US | UTL | Safe Web Based Interactions | 9/11/2007 | 9/11/2007 | 3/12/2009 | |
| | US-2009-0063265-A1 | 11/849,772 | ABANDONED | US | UTL | INFORMATION NETWORK FOR TEXT ADS | 9/4/2007 | 9/4/2007 | 3/5/2009 | |
| | US-2009-0094268-A1 | 11/867,211 | ABANDONED | US | UTL | Animated Data Feeds | 10/3/2007 | 10/3/2007 | 4/9/2009 | |

PATENT
REEL: 058534 FRAME: 0197

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|---|---|---|---|---|---|---|---|---|---|---|
| | US 2009/0094073 A1 | 11/866,548 | ABANDONED | US | UTL | Real Time Click (RTC) System | 10/3/2007 | 10/3/2007 | 4/9/2009 | |
| | US-2009-0094093-A1 | 11/868,252 | ABANDONED | US | UTL | System for Selecting Advertisements | 10/5/2007 | 10/5/2007 | 4/9/2009 | |
| 8,069,083 | US-2009-0043648-A1 | 11/835,733 | ISSUED | US | UTL | PAY-PER-ACTION SYSTEM FOR SELLING ADVERTISEMENTS | 8/8/2007 | 8/8/2007 | 2/12/2009 | 11/29/2011 |
| | 2012-0030035 | 13/269,221 | PUBLISHED | US | UTL | PAY-PER-ACTION SYSTEM FOR SELLING ADVERTISEMENTS | 8/8/2007 | 10/7/2011 | 2/2/2012 | |
| | | 11/963,107 | ABANDONED | US | UTL | System and method for advertiser response system | 12/21/2007 | 12/21/2007 | | |
| | 2009-0132334 | 11/942,153 | ABANDONED | US | UTL | System and Method for Estimating an Amount of Traffic Associated with a Digital Advertisement | 11/19/2007 | 11/19/2007 | 5/21/2009 | |
| | US-2009-0112455-A1 | 11/923,378 | ABANDONED | US | UTL | Method and System for Rendering Simplified Point Finding Maps | 10/24/2007 | 10/24/2007 | 4/30/2009 | |
| | US-2009-0099909-A1 | 11/870,004 | ABANDONED | US | UTL | System And Method For Setting Bid Prices Associated With Digital Advertisements Based On Market Conditions | 10/10/2007 | 10/10/2007 | 10/10/2007 | |
| | U.S. 2009/0125502 A | 11/938,962 | ABANDONED | US | UTL | System and Methods for Generating Diversified Vertical Search Listings | 11/13/2007 | 11/13/2007 | 5/14/2009 | |
| | 2009-0106099 A1 | 11/877,227 | EXPIRED | US | UTL | Personal Targeted Advertising | 10/23/2007 | 10/23/2007 | 4/23/2009 | |
| | 2009-0144338 | 11/948,221 | ABANDONED | US | UTL | Asynchronously Replicated Database System Using Dynamic Mastership | 11/30/2007 | 11/30/2007 | 6/4/2009 | |

PATENT
REEL: 058534 FRAME: 0198

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2010-0174863-A1 | 12/724,260 | ABANDONED | US | UTL | System for Providing Scalable In-Memory Caching For A Distributed Database | 11/30/2007 | 3/15/2010 | 7/8/2010 | |
| | US 2009/0187520 A1 | 12/011,164 | ABANDONED | US | UTL | Demographics From Behavior | 1/23/2008 | 1/23/2008 | 7/23/2009 | |
| 8,140,963 | US-2009-0164884-A1 | 11/960,619 | ISSUED | US | UTL | Tag Aggregator | 12/19/2007 | 12/19/2007 | 6/26/2009 | 3/20/2012 |
| 8,972,850 | 2012-0131431 | 13/362,777 | ISSUED | US | UTL | Tag Aggregator | 12/19/2007 | 1/31/2012 | 5/24/2012 | 3/3/2015 |
| | 2015-0169783 A1 | 14/635,601 | PUBLISHED | US | UTL | Tag Aggregator | 12/19/2007 | 3/2/2015 | 6/18/2015 | |
| | 2006-0122879 A1 | 11/006,121 | EXPIRED | US | UTL | Method And System For Pricing Electronic Advertisements | 12/7/2004 | 12/7/2004 | 6/8/2006 | |
| | US-2009-0144138-A1 | 11/947,715 | ABANDONED | US | UTL | Method And System of Advertisement Management | 11/29/2007 | 11/29/2007 | 6/4/2009 | |
| | US-2009-0192983-A1 | 12/021,105 | ABANDONED | US | UTL | Method And System For Mining, Ranking And Visualizing Lexically Similar Search Queries For Advertisers | 1/28/2008 | 1/28/2008 | 7/30/2009 | |
| | | 11/669,690 | ABANDONED | US | UTL | Open Media Exchange Platforms | 1/31/2006 | 1/31/2007 | 8/16/2007 | |
| | | 11/669,716 | ABANDONED | US | UTL | Open Exchange Platforms | 1/31/2006 | 1/31/2007 | 8/9/2007 | |
| | US-2007-0198350-A1 | 11/669,711 | ABANDONED | US | UTL | Global Constraints In Open Exchange Platforms | 1/31/2006 | 1/31/2007 | 8/23/2007 | |
| | | 11/669,764 | ABANDONED | US | UTL | Entity Linking In Open Exchange Platforms | 1/31/2006 | 1/31/2007 | 8/16/2007 | |
| | US-2009-0254410-A1 | 12/062,289 | ABANDONED | US | UTL | Method and System for Constructing and Delivering Sponsored Search Futures Contracts | 4/3/2008 | 4/3/2008 | 10/8/2009 | |
| | US-2009-0157500-A1 | 11/957,425 | ABANDONED | US | UTL | Advanced Ad formats | 12/15/2007 | 12/15/2007 | 6/18/2009 | |
| | US-2009-0198671-A1 | 12/025,947 | ABANDONED | US | UTL | A System And Method For Generating Subphrase Queries | 2/5/2008 | 2/5/2008 | 8/6/2009 | |

PATENT
REEL: 058534 FRAME: 0199

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0204753-A1 | 12/028,373 | ABANDONED | US | UTL | System For Refeshing Cache Results | 2/8/2008 | 2/8/2008 | 8/13/2009 | |
| | | 11/848,742 | ABANDONED | US | UTL | Prediction Engines | 8/31/2007 | 8/31/2007 | | |
| | US-2009-0012853-A1 | 11/772,979 | ABANDONED | US | UTL | Inferring Legitimacy of Advertisement Calls | 7/3/2007 | 7/3/2007 | 1/8/2009 | |
| 7,752,210 | US 2005-0108244 A1 | 10/745,094 | ISSUED | US | UTL | Method of determining geographical location from IP address information | 12/22/2003 | 12/22/2003 | 5/19/2005 | 7/6/2010 |
| | US-2009-0187465-A1 | 12/017,828 | ABANDONED | US | UTL | SYSTEM AND METHOD FOR PRESENTING SUPPLEMENTAL INFORMATION IN WEB AD | 1/22/2008 | 1/22/2008 | 7/23/2009 | |
| | 2010-0312646 | 11/963,029 | ABANDONED | US | UTL | System for serving advertisements targeted to geographic areas over mobile devices | 12/21/2007 | 12/21/2007 | 12/9/2010 | |
| | US-2009-0164299-A1 | 11/963,082 | ABANDONED | US | UTL | System for Providing a User Interface for Displaying and Creating Advertiser Defined Groups of Mobile Advertisement Campaign Information Targeted to Mobile Carriers | 12/21/2007 | 12/21/2007 | 6/25/2009 | |
| | US-2009-0164286-A1 | 11/963,102 | ABANDONED | US | UTL | Application Program Interface and Graphical User Interface for Distributing an Advertisement Budget in a Mobile Environment | 12/21/2007 | 12/21/2007 | 6/25/2009 | |

PATENT
REEL: 058534 FRAME: 0200

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0164300-A1 | 11/963,114 | ABANDONED | US | UTL | APPLICATION PROGRAM INTERFACE AND GRAPHICAL USER INTERFACE FOR PROVIDING A USER INTERFACE FOR TARGETING MOBILE ADVERTISEMENTS IN A MOBILE MARKETING ENVIRONMENT | 12/21/2007 | 12/21/2007 | 6/25/2009 | |
| | US-2009-0163186-A1 | 11/963,136 | ABANDONED | US | UTL | APPLICATION PROGRAM INTERFACE AND GRAPHICAL USER INTERFACE FOR EDITORIAL REVIEW OF MOBILE ADVERTISEMENT CAMPAIGNS | 12/21/2007 | 12/21/2007 | 6/25/2009 | |
| | US-2010-0023495-A1 | 11/963,154 | ABANDONED | US | UTL | SYSTEM FOR SUGGESTING KEYWORDS BASED ON MOBILE SPECIFIC ATTRIBUTES | 12/21/2007 | 12/21/2007 | 1/28/2010 | |
| | US-2009-0197581-A1 | 12/026,526 | ABANDONED | US | UTL | MULTI-VERSION MOBILE ADVERTISEMENTS | 2/5/2008 | 2/5/2008 | 8/6/2009 | |
| | US-2009-0198538-A1 | 12/026,531 | ABANDONED | US | UTL | Mobile Ad Filtering | 2/5/2008 | 2/5/2008 | 8/6/2009 | |
| | US-2009-0247192-A1 | 12/059,386 | ABANDONED | US | UTL | System for Mobile Advanced Matching | 3/31/2008 | 3/31/2008 | 10/1/2009 | |
| | US-2009-0247139-A1 | 12/059,325 | ABANDONED | US | UTL | System for Adapting Online Advertising Campaigns to Incorporate Mobile Advertising | 3/31/2008 | 3/31/2008 | 10/1/2009 | |
| | US-2009-0248486-A1 | 12/059,421 | ABANDONED | US | UTL | System for Suggesting Categories of Mobile Keywords to Revenue Generators | 3/31/2008 | 3/31/2008 | 10/1/2009 | |

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REEL: 058534 FRAME: 0201

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2009-0199229 A1 | 12/026,522 | ABANDONED | US | UTL | SYSTEM FOR PROVIDING ADVERTISEMENTS ACROSS MULTIPLE CHANNELS | 2/5/2008 | 2/5/2008 | 8/6/2009 | |
| | 2009-0012852 A1 | 11/772,965 | ABANDONED | US | UTL | Data Marketplace & Broker Fees | 7/3/2007 | 7/3/2007 | 7/3/2007 | |
| | US-2009-0013031-A1 | 11/773,004 | ABANDONED | US | UTL | Inferring Legitimacy of Web-Based Resource Requests | 7/3/2007 | 7/3/2007 | 1/8/2009 | |
| | 2009-0254416 A1 | 12/099,736 | ABANDONED | US | UTL | Method And System For Presenting Advertisements Targeted at Passersby | 4/8/2008 | 4/8/2008 | 10/8/2009 | |
| | US-2009-0216710-A1 | 12/038,259 | ABANDONED | US | UTL | Optimizing Query Rewrites for Keyword-Based Advertising | 2/27/2008 | 2/27/2008 | 8/27/2009 | |
| | US-2009-0248627-A1 | 12/056,703 | ABANDONED | US | UTL | System and Method for Query Substitution for Sponsored Search | 3/27/2008 | 3/27/2008 | 10/1/2009 | |
| | US-2010-0030647-A1 | 12/183,221 | ABANDONED | US | UTL | Advertisement Selection For Internet Search And Content Pages | 7/31/2008 | 7/31/2008 | 2/4/2010 | |
| | US-2009-0282014-A1 | 12/116,710 | ABANDONED | US | UTL | Systems and Methods for Predicting a Degree of Relevance Between Digital Ads and a Search Query | 5/7/2008 | 5/7/2008 | 11/12/2009 | |
| | US-2009-0282015-A1 | 12/116,737 | ABANDONED | US | UTL | Systems and Methods for Predicting a Degree of Relevance Between Digital Ads and Webpage Content | 5/7/2008 | 5/7/2008 | 11/12/2009 | |

PATENT
REEL: 058534 FRAME: 0202

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0282016-A1 | 12/116,747 | ABANDONED | US | UTL | Systems and Methods for Building a Prediction Model to Predict a Degree of Relevance Between Digital Ads and a Search Query or Webpage Content | 5/7/2008 | 5/7/2008 | 11/12/2009 | |
| | US-2009-0249477-A1 | 12/058,420 | ABANDONED | US | UTL | Method and System for Determining Whether a Computer User is Human | 3/28/2008 | 3/28/2008 | 10/1/2009 | |
| | US 2009/0254424 A1 | 12/061,285 | ABANDONED | US | UTL | Enhanced Online Advertising Experience | 4/2/2008 | 4/2/2008 | 10/8/2009 | |
| | US-2009-0259540-A1 | 12/103,636 | ABANDONED | US | UTL | System For Partitioning And Pruning of Advertisements | 4/15/2008 | 4/15/2008 | 10/15/2009 | |
| | US-2009-0259531-A1 | 12/101,469 | ABANDONED | US | UTL | Interactive Advertisements | 4/11/2008 | 4/11/2008 | 10/15/2009 | |
| | US 2009-0327028-A1 | 12/146,153 | ABANDONED | US | UTL | Systems and Methods for Utilizing Assist Data to Optimize Digital Ads | 6/25/2008 | 6/25/2008 | 12/31/2009 | |
| | US-2009-0327029-A1 | 12/146,211 | ABANDONED | US | UTL | Optimizing with Normalized Impressions | 6/25/2008 | 6/25/2008 | 12/31/2009 | |
| | US-2009-0327030-A1 | 12/146,241 | ABANDONED | US | UTL | Systems and Methods for Creating an Index to Measure a Performance of Digital Ads as Defined by an Advertiser | 6/25/2008 | 6/25/2008 | 12/31/2009 | |
| 8,407,286 | US-2009-0287774-A1 | 12/121,593 | ISSUED | US | UTL | Method and Apparatus for Utilizing Social Network Information for Showing Reviews | 5/15/2008 | 5/15/2008 | 11/19/2009 | 3/26/2013 |
| | US-2009-0319372-A1 | 12/142,346 | ABANDONED | US | UTL | Quality-Based Online Advertisement Trading System | 6/19/2008 | 6/19/2008 | 12/24/2009 | |

PATENT
REEL: 058534 FRAME: 0203

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0276285-A1 | 12/114,112 | ABANDONED | US | UTL | Search Engine To Broker Advertiser With Publisher | 5/2/2008 | 5/2/2008 | 11/5/2009 | |
| | US-2009-0287672-A1 | 12/120,038 | ABANDONED | US | UTL | Method and Apparatus for Better Web Ad Matching by Combining Relevance with Consumer Click Feedback | 5/13/2008 | 5/13/2008 | 11/19/2009 | |
| | US-2010-0179874-A1 | 12/353,086 | ABANDONED | US | UTL | Media Object Metadata Engine Configured To Determine Relationships Between Persons And Brands | 1/13/2009 | 1/13/2009 | 7/15/2010 | |
| | US-2009-0292609-A1 | 12/124,099 | ABANDONED | US | UTL | Method and System for Displaying Advertisement Listings in a Sponsored Search Environment | 5/20/2008 | 5/20/2008 | 11/26/2009 | |
| | US-2009-0265290-A1 | 12/106,226 | ABANDONED | US | UTL | Optimizing ranking functions using click data | 4/18/2008 | 4/18/2008 | 10/22/2009 | |
| | US 2009/0248585 A1 | 12/059,462 | ABANDONED | US | UTL | Online Fixed-Position Advertisement Reservation at Fixed Price and Duration | 3/31/2008 | 3/31/2008 | 10/1/2009 | |
| | 2011-0040632 A1 | 12/542,298 | ABANDONED | US | UTL | Monitizing Page Views On An Exchange Using Futures Contracts | 8/17/2009 | 8/17/2009 | 2/17/2011 | |
| | US-2010-0058440-A1 | 12/199,635 | ABANDONED | US | UTL | Interaction with desktop and online corpus | 8/27/2008 | 8/27/2008 | 3/4/2010 | |
| | US-2009-0300490-A1 | 12/130,689 | ABANDONED | US | UTL | System For Displaying A Position Viewer For Previewing The Display Of An Advertisement | 5/30/2008 | 5/30/2008 | 12/3/2009 | |
| | US 2010-0082674-A1 | 12/242,334 | ABANDONED | US | UTL | System for Detecting User Input Error | 9/30/2008 | 9/30/2008 | 4/1/2010 | |

PATENT
REEL: 058534 FRAME: 0204

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0307085-A1 | 12/130,667 | ABANDONED | US | UTL | System For Displaying Inventory Search Parameters For An Advertiser | 5/30/2008 | 5/30/2008 | 12/10/2009 | |
| | 2009-0281872 A1 | 12/119,483 | ABANDONED | US | UTL | Targeting of Advertisements To A Network Content Provider | 5/12/2008 | 5/12/2008 | 11/12/2009 | |
| | US-2010-0083163-A1 | 12/240,323 | ABANDONED | US | UTL | Methods and Systems for Optimizing Webpage Content Based on a Screen Orientation of a Devic | 9/29/2008 | 9/29/2008 | 4/1/2010 | |
| | US-2010-0022221-A1 | 12/180,052 | ABANDONED | US | UTL | Real-Time Inventory Tracking Via Mobile Device | 7/25/2008 | 7/25/2008 | 1/28/2010 | |
| | US-2009-0299799-A1 | 12/130,422 | ABANDONED | US | UTL | Placement Pricing In A Networked Advertising Environment | 5/30/2008 | 5/30/2008 | 12/3/2009 | |
| | US-2010-0036733-A1 | 12/187,324 | ABANDONED | US | UTL | Method and System for Dynamically Updating Online Advertisements | 8/6/2008 | 8/6/2008 | 2/11/2010 | |
| | US-2010-0082745-A1 | 12/239,972 | ABANDONED | US | UTL | System for Providing Feeds for Entities not Associated with Feed Services | 9/29/2008 | 9/29/2008 | 4/1/2010 | |
| | US-2010-0022222-A1 | 12/180,782 | ABANDONED | US | UTL | System for Providing Search Services over Mobile Messaging | 7/28/2008 | 7/28/2008 | 1/28/2010 | |
| | US-2010-0082629-A1 | 12/239,982 | ABANDONED | US | UTL | System for Associating Data Items with Context | 9/29/2008 | 9/29/2008 | 4/1/2010 | |
| | US-2010-0094899-A1 | 12/242,314 | ABANDONED | US | UTL | System for Assembling and Providing Problem Solving Frameworks | 9/30/2008 | 9/30/2008 | 4/15/2010 | |
| | US-2010-0211432-A1 | 12/370,860 | ABANDONED | US | UTL | Method and System for Providing Popular Content | 2/13/2009 | 2/13/2009 | 8/19/2010 | |

PATENT
REEL: 058534 FRAME: 0205

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2010-0082432-A1 | 12/241,478 | ABANDONED | US | UTL | Systems And Methods For Providing Constraint-Based Advertising | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | US-2010-0058249-A1 | 12/201,526 | ABANDONED | US | UTL | System and method for providing a graphical user interface for prediction markets | 8/29/2008 | 8/29/2008 | 3/4/2010 | |
| | US-2009-0276315-A1 | 12/258,842 | ABANDONED | US | UTL | Multimedia Advertisements in a Sponsored Search Environment | 5/2/2008 | 10/27/2008 | 11/5/2009 | |
| | US-2009-0276316-A1 | 12/258,859 | ABANDONED | US | UTL | Interactive Advertisements in a Sponsored Search Environment | 5/2/2008 | 10/27/2008 | 11/5/2009 | |
| | US-2010-0010895-A1 | 12/169,218 | ABANDONED | US | UTL | Prediction of a Degree of Relevance Between Query Rewrites and a Search Query | 7/8/2008 | 7/8/2008 | 1/14/2010 | |
| | US-2010-0036764-A1 | 12/189,472 | ABANDONED | US | UTL | Operation of Internet Websites | 8/11/2008 | 8/11/2008 | 2/11/2010 | |
| | US-2010-0114709-A1 | 12/264,479 | ABANDONED | US | UTL | Real-Time Distribution of Targeted Advertisement and Sponsored Content | 11/4/2008 | 11/4/2008 | 5/6/2010 | |
| | US-2010-0114707-A1 | 12/264,507 | ABANDONED | US | UTL | Real-Time Distribution of Targeted Advertisement and Sponsored Content | 11/4/2008 | 11/4/2008 | 5/6/2010 | |
| | US-2010-0114697-A1 | 12/264,520 | ABANDONED | US | UTL | Real-Time Distribution of Targeted Advertisement and Sponsored Content | 11/4/2008 | 11/4/2008 | 5/6/2010 | |
| | US 2010-0082436-A1 | 12/241,395 | ABANDONED | US | UTL | Search Results For Local Versus Traveler | 9/30/2008 | 9/30/2008 | 4/1/2010 | |

PATENT
REEL: 058534 FRAME: 0206

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|---|---|---|---|---|---|---|---|---|---|---|
| | US 2010-0082434-A1 | 12/240,069 | ABANDONED | US | UTL | Personalized Search Results To Multiple People | 9/29/2008 | 9/29/2008 | 4/1/2010 | |
| | US-2010-0121706-A1 | 12/269,365 | ABANDONED | US | UTL | A Method And System For Selecting Advertisements | 11/12/2008 | 11/12/2008 | 5/13/2010 | |
| | US-2010-0121712-A1 | 12/269,383 | ABANDONED | US | UTL | Improving Diversity Of Ads Displayed On A Publisher Page | 11/12/2008 | 11/12/2008 | 5/13/2010 | |
| | US-2010-0131373-A1 | 12/323,125 | ABANDONED | US | UTL | Dynamic Advertisement Tags | 11/25/2008 | 11/25/2008 | 5/27/2010 | |
| | 2010-0211621 | 12/388,937 | ABANDONED | US | UTL | Web-Based Organization Of Online Advertising Content | 2/19/2009 | 2/19/2009 | 8/19/2010 | |
| | 2010-0250365 | 12/410,843 | ABANDONED | US | UTL | Ad Groups For Using Advertisements Across Placements | 3/25/2009 | 3/25/2009 | 9/30/2010 | |
| | 2010-0257062 | 12/418,027 | ABANDONED | US | UTL | Providing Recommendations For Trafficking Online Ads In An Online Ad Network | 4/3/2009 | 4/3/2009 | 10/7/2010 | |
| | US-2010-0082411-A1 | 12/242,041 | ABANDONED | US | UTL | Dynamic Advertisement Management | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | US-2010-0131360-A1 | 12/275,654 | ABANDONED | US | UTL | Rate Card Yield Management | 11/21/2008 | 11/21/2008 | 5/27/2010 | |
| | 2010-0100417 A1 | 12/254,213 | ABANDONED | US | UTL | Commercial Incentive Presentation System And Method | 10/20/2008 | 10/20/2008 | 4/22/2010 | |
| | US-2010-0125506-A1 | 12/274,464 | ABANDONED | US | UTL | Extended Generalized Second Price Auction For Sponsored Search With Reserve Prices | 11/20/2008 | 11/20/2008 | 5/20/2010 | |
| | US-2010-0082426-A1 | 12/242,549 | ABANDONED | US | UTL | Site Activation and Deactivation | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | US-2010-0156933-A1 | 12/340,524 | ABANDONED | US | UTL | Virtualized Real World Advertising System | 12/19/2008 | 12/19/2008 | 6/24/2010 | |

PATENT
REEL: 058534 FRAME: 0207

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|---|---|---|---|---|---|---|---|---|---|---|
| | US 2010-0100414 A1 | 12/253,326 | ABANDONED | US | UTL | Optimization of Allocation of Online Advertisement Inventory | 10/17/2008 | 10/17/2008 | 4/22/2010 | |
| | US 2010-0100407 A1 | 12/253,377 | ABANDONED | US | UTL | Scaling Optimization of Allocation of Online Advertisement Inventory | 10/17/2008 | 10/17/2008 | 4/22/2010 | |
| | 2010/0106605 A1 | 12/257,309 | ABANDONED | US | UTL | Inventory Allocation with Tradeoff Between Fairness and Maximal Value of Remaining Inventory | 10/23/2008 | 10/23/2008 | 4/29/2010 | |
| | 2010/0106556 A1 | 12/257,241 | ABANDONED | US | UTL | Time-Weighted and Scaling Optimization of Allocation of Online Advertisement Inventory | 10/23/2008 | 10/23/2008 | 4/29/2010 | |
| | US-2010-0162230-A1 | 12/343,979 | ABANDONED | US | UTL | Distributed Computing System for Large-Scale Data Handling | 12/24/2008 | 12/24/2008 | 6/24/2010 | |
| 8,311,884 | US 2010-0082425-A1 | 12/609,396 | ISSUED | US | UTL | System for Allocating Advertising Inventory in a Unified Marketplace | 9/30/2008 | 10/30/2009 | 4/1/2010 | 11/13/2012 |
| 8,311,885 | US-2010-0114689-A1 | 12/609,427 | ISSUED | US | UTL | System for Display Advertising Optimization Using Click or Conversion Performance | 9/30/2008 | 10/30/2009 | 5/6/2010 | 11/13/2012 |
| | 2010-0106613 A1 | 12/258,312 | ABANDONED | US | UTL | Bidding System for Guaranteed Advertising Contracts in an Online Spot Market | 10/24/2008 | 10/24/2008 | 4/29/2010 | |
| | US-2010-0185516-A1 | 12/355,393 | ABANDONED | US | UTL | Allocation of Internet Advertising Inventory | 1/16/2009 | 1/16/2009 | 7/22/2010 | |
| | US-2010-0185485-A1 | 12/355,371 | ABANDONED | US | UTL | Allocation of Internet Advertising Inventory | 1/16/2009 | 1/16/2009 | 7/22/2010 | |

PATENT
REEL: 058534 FRAME: 0208

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2010-0185484-A1 | 12/355,308 | ABANDONED | US | UTL | Allocation of Internet Advertising Inventory | 1/16/2009 | 1/16/2009 | 7/22/2010 | |
| | US-2010-0185515-A1 | 12/355,282 | ABANDONED | US | UTL | Allocation of Internet Advertising Inventory | 1/16/2009 | 1/16/2009 | 7/22/2010 | |
| | US-2010-0082399-A1 | 12/240,549 | ABANDONED | US | UTL | Systems And Methods For Distributing Advertisements In A Network-Based Environment | 9/29/2008 | 9/29/2008 | 4/1/2010 | |
| | US-2010-0082412-A1 | 12/242,696 | ABANDONED | US | UTL | System And Method For Optimizing An Advertisement Plan For Allocating Advertisements To A Contract In A Network-Based Environment | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | US-2010-0082404-A1 | 12/242,628 | ABANDONED | US | UTL | System And Method For Utilizing Date Constraints In An Advertisement Serving System | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | US-2010-0094881-A1 | 12/242,748 | ABANDONED | US | UTL | System And Method For Indexing Sub-Spaces | 9/30/2008 | 9/30/2008 | 4/15/2010 | |
| | US-2010-0121691 | 12/268,518 | ABANDONED | US | UTL | System and Method For Utilizing Non-Compete Advertisement Tags In An Advertisement Serving System | 11/11/2008 | 11/11/2008 | 5/13/2010 | |
| | US-2010-0125597-A1 | 12/271,494 | ABANDONED | US | UTL | System and Method for Determining Search Terms for Use in Sponsored Searches | 11/14/2008 | 11/14/2008 | 5/20/2010 | |
| | US-2010-0131837-A1 | 12/323,148 | ABANDONED | US | UTL | Validation Framework | 11/25/2008 | 11/25/2008 | 5/27/2010 | |
| | 20100125503 | 12/270,858 | ABANDONED | US | UTL | Astrology Based Content Selection | 11/14/2008 | 11/14/2008 | 5/20/2010 | |

PATENT
REEL: 058534 FRAME: 0209

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2010-0174609-A1 | 12/348,248 | ABANDONED | US | UTL | A Method and System for Correcting Bias Introduced by Estimating Offer Values | 1/2/2009 | 1/2/2009 | 7/8/2010 | |
| | 2011-0035254 | 12/535,512 | ABANDONED | US | UTL | User Interaction Layer | 8/4/2009 | 8/4/2009 | 2/10/2011 | |
| | | 12/554,628 | ABANDONED | US | UTL | System for Real-Time Searching of Large Volumes of Frequently Changing Data | 9/4/2009 | 9/4/2009 | | |
| | 2010-0241486 | 12/406,469 | ABANDONED | US | UTL | Reducing Revenue Risk In Advertisement Allocation | 3/18/2009 | 3/18/2009 | 9/23/2010 | |
| | 2010-0318413 | 12/482,184 | ABANDONED | US | UTL | Allocation of Internet Advertising Inventory | 6/10/2009 | 6/10/2009 | 12/16/2010 | |
| | 2010-0318432 | 12/482,198 | ABANDONED | US | UTL | Allocation of Internet Advertising Inventory | 6/10/2009 | 6/10/2009 | 12/16/2010 | |
| | 2010-0223396 | 12/395,492 | ABANDONED | US | UTL | Intelligent Status Polling | 2/27/2009 | 2/27/2009 | 9/2/2010 | |
| 8,898,575 | 2011-0055721 | 12/552,364 | ISSUED | US | UTL | Indicating Unavailability Of An Uploaded Video File That Is Being Bitrate Encoded | 9/2/2009 | 9/2/2009 | 3/3/2011 | 11/25/2014 |
| 9,111,299 | 2015-0039449 A1 | 14/520,059 | ISSUED | US | UTL | Indicating Unavailability Of An Uploaded Video File That Is Being Bitrate Encoded | 9/2/2009 | 10/21/2014 | 2/5/2015 | 8/18/2015 |
| | 2010-0262456 | 12/420,638 | ABANDONED | US | UTL | System and Method for Deep Targeting Advertisement Based on Social Behaviors | 4/8/2009 | 4/8/2009 | 10/14/2010 | |
| | 2010-0268712 | 12/424,521 | ABANDONED | US | UTL | System and Method for Automatically Grouping Keywords Into Ad Groups | 4/15/2009 | 4/15/2009 | 10/21/2010 | |

PATENT
REEL: 058534 FRAME: 0210

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2010-0306049 | 12/475,846 | ABANDONED | US | UTL | Method and System for Matching Advertisements to Web Feeds | 6/1/2009 | 6/1/2009 | 12/2/2010 | |
| | 2010-0257018 | 12/416,931 | ABANDONED | US | UTL | Enhanced Search Marketing | 4/2/2009 | 4/2/2009 | 10/7/2010 | |
| | 2011-0035276 A1 | 12/535,879 | ABANDONED | US | UTL | Automatic Campaign Optimization for Online Advertising Using Return on Investment Metrics | 8/5/2009 | 8/5/2009 | 2/10/2011 | |
| | 2011-0112981 | 12/615,058 | ABANDONED | US | UTL | Feature-Based Method and System for Cold-Start Recommendation of Online Ads | 11/9/2009 | 11/9/2009 | 5/12/2011 | |
| | 2011-0029384 | 12/512,715 | ABANDONED | US | UTL | System and Method for Dynamic Targeting Ads Based on Content-in-View | 7/30/2009 | 7/30/2009 | 2/3/2011 | |
| | 2011-0035259 A1 | 12/537,429 | ABANDONED | US | UTL | Cost and Participation Models for Exchange Third-Party Integration in Online Advertising | 8/7/2009 | 8/7/2009 | 2/10/2011 | |
| | 2011-0035273 | 12/536,334 | ABANDONED | US | UTL | Profile Recommendations for Advertisement Campaign Performance Improvement | 8/5/2009 | 8/5/2009 | 2/10/2011 | |
| | 2011-0087558 | 12/577,555 | ABANDONED | US | UTL | Information Exchange System | 10/12/2009 | 10/12/2009 | 4/14/2011 | |
| | 2011-0047027 | 12/545,342 | ABANDONED | US | UTL | System and Method for Determining Whether an Ad is Ubiquitous | 8/21/2009 | 8/21/2009 | 2/24/2011 | |
| | 2011-0066496 | 12/558,175 | ABANDONED | US | UTL | Combining Historical CTR and Bid Amount in Search Message Selection | 9/11/2009 | 9/11/2009 | 3/17/2011 | |

PATENT
REEL: 058534 FRAME: 0211

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2011-0040770 | 12/540,384 | ABANDONED | US | UTL | Robust XPaths for Web Information Extraction | 8/13/2009 | 8/13/2009 | 2/11/2011 | |
| | 2011-0125572 | 12/626,462 | ABANDONED | US | UTL | Optimization of Sponsored Search Systems with Real-Time User Feedback | 11/25/2009 | 11/25/2009 | 5/26/2011 | |
| | 20110125571 | 12/623,457 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR SPEED EFFICIENT AND RELEVANCY EFFICIENT ADVERTISING THROUGH A WEB ENABLED ELEMENT | 11/23/2009 | 11/23/2009 | 5/26/2011 | |
| | 2011-0191315 | 12/700,438 | ABANDONED | US | UTL | Method for Reducing North Ad Impact in Search Advertising | 2/4/2010 | 2/4/2010 | 8/4/2011 | |
| | 2011-0191168 | 12/700,538 | ABANDONED | US | UTL | Multiple Cascading Auctions in Search Advertising | 2/4/2010 | 2/4/2010 | 8/4/2011 | |
| | 2011-0196739 | 12/701,237 | ABANDONED | US | UTL | Systems and methods for efficiently ranking advertisements based on relevancy and click feedback | 2/5/2010 | 2/5/2010 | 8/11/2011 | |
| | 2011-0208575 A1 | 12/710,966 | ABANDONED | US | UTL | System and Method for Generating Interactive Advertisements | 2/23/2010 | 2/23/2010 | 8/25/2011 | |
| | 2011-0184808 | 12/693,658 | ABANDONED | US | UTL | Targeted Content in Print Media | 1/26/2010 | 1/26/2010 | 7/28/2011 | |
| 311,886 | US-2010-0121694-A1 | 12/688,541 | ISSUED | US | UTL | System for Display Advertising Optimization with Uncertain Supply | 9/30/2008 | 1/15/2010 | 5/13/2010 | 11/13/2012 |
| | 2011-0208559 A1 | 12/711,873 | ABANDONED | US | UTL | Automatic Management of Networked Publisher-Subscriber Relationships | 2/24/2010 | 2/24/2010 | 8/25/2011 | |

PATENT
REEL: 058534 FRAME: 0212

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2012-0004957 | 12/829,593 | ABANDONED | US | UTL | Forecasting Supply For Advertisements According To A Non-Parametric Supply Model | 7/2/2010 | 7/2/2010 | 1/15/2012 | |
| | 2011-0231241 | 12/727,068 | ABANDONED | US | UTL | Real-Time Personalization of Sponsored Search Results Based on Predicted Click Propensity | 3/18/2010 | 3/18/2010 | 9/22/2011 | |
| | 2011-0208579 | 12/710,122 | ABANDONED | US | UTL | System for Generating Advertisements | 2/22/2010 | 2/22/2010 | 8/25/2011 | |
| | 2011-0246307 A1 | 12/751,693 | EXPIRED | US | UTL | Mass-Based Approach for Serving Impressions in Guaranteed Delivery Advertising | 3/31/2010 | 3/31/2010 | 10/6/2011 | |
| | 2011-0258034 A1 | 12/761,216 | EXPIRED | US | UTL | Hierarchically-Structured Indexing And Retrieval | 4/15/2010 | 4/15/2010 | 10/20/2011 | |
| | 2011-0238493 A1 | 12/749,151 | EXPIRED | US | UTL | Efficient Ad Selection in Ad Exchange with Intermediaries | 3/29/2010 | 3/29/2010 | 9/29/2011 | |
| | 2011-0225121 | 12/722,038 | ABANDONED | US | UTL | System for Maintaining a Distributed Database Using Constraints | 3/11/2010 | 3/11/2010 | 9/15/2011 | |
| | 2011-0225210 | 12/722,093 | ABANDONED | US | UTL | Lease-based Record-level Selective Replication in a Geographically Distributed DB | 3/11/2010 | 3/11/2010 | 9/15/2011 | |
| | 2012-0005207 | 12/828,305 | ABANDONED | US | UTL | Method and system for web extraction | 7/1/2010 | 7/1/2010 | 1/5/2012 | |
| | 2012-0005029 | 12/828,474 | ABANDONED | US | UTL | System For Handling Multiple Priorities In Ad Exchange Auction | 7/1/2010 | 7/1/2010 | | |

PATENT
REEL: 058534 FRAME: 0213

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2012-0005017 | 12/828,307 | ABANDONED | US | UTL | Method and System for Providing Advertisements | 7/1/2010 | 7/1/2010 | 1/15/2012 | |
| | 2012-0005021 | 12/829,954 | ABANDONED | US | UTL | Selecting Advertisements Using User Search History Segmentation | 7/2/2010 | 7/2/2010 | 1/5/2012 | |
| | 2012-0047014 A1 | 12/861,241 | PUBLISHED | US | UTL | METHOD AND SYSTEM FOR USING EMAIL RECEIPTS FOR TARGETED ADVERTISING | 8/23/2010 | 8/23/2010 | 2/23/2012 | |
| | 2012-0284119 | 13/499,531 | ABANDONED | US | UTL | System And Method For Selecting Web Pages On Which To Place Display Advertisements | 12/23/2010 | 3/30/2012 | 11/8/2012 | |
| | 2012-0030021 A1 | 12/848,822 | ABANDONED | US | UTL | Selecting Advertisements Using Same Session Queries | 8/2/2010 | 8/2/2010 | 2/2/2012 | |
| | 2012-0072281 A1 | 12/886,953 | ABANDONED | US | UTL | Method And System To Monetize Domain Queries In Sponsored Search | 9/21/2010 | 9/21/2010 | 3/22/2012 | |
| | 2012-0030005 | 12/844,847 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR PROVIDING ADVERTISEMENTS | 7/28/2010 | 7/28/2010 | 2/2/2012 | |
| | 2012-0116891 | 12/942,230 | ABANDONED | US | UTL | Systems and Methods for Matching Complementary Risk Profiles to Enhance Digital Ad Delivery | 11/9/2010 | 11/9/2010 | 5/10/2012 | |
| | | 15/365,232 | PENDING | US | UTL | Measuring Inline Ad Performance for Third-Party Ad Serving | 9/29/2010 | 11/30/2016 | | |
| | 2012-0089456 | 12/899,252 | ABANDONED | US | UTL | System for Search Bid Term Selection | 10/6/2010 | 10/6/2010 | 4/12/2012 | |

PATENT
REEL: 058534 FRAME: 0214

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2012-0158868 A1 | 12/973,952 | ABANDONED | US | UTL | PROTECTING PRIVACY IN GROUPS E-MAIL MESSAGES | 12/21/2010 | 12/21/2010 | 6/21/2012 | |
| | 2012-0166428 | 12/975,389 | ABANDONED | US | UTL | Method and system for improving quality of web content | 12/22/2010 | 12/22/2010 | 6/28/2012 | |
| | 2012-0158515 A1 | 12/973,937 | EXPIRED | US | UTL | DYNAMIC ADVERTISEMENT SERVING BASED ON AN AVATAR | 12/21/2010 | 12/21/2010 | 6/21/2012 | |
| | 2014-0081696 A1 | 14/089,186 | EXPIRED | US | UTL | Embedding Calendar Knowledge In Event-Driven Inventory Forecasting | 4/28/2011 | 11/25/2013 | 3/20/2014 | |
| | 2012-0158456 A1 | 12/973,637 | ABANDONED | US | UTL | Forecasting Ad Traffic Based on Business Metrics in Performance-Based Display Advertising | 12/20/2010 | 12/20/2010 | 6/21/2012 | |
| | 2012-0197711 | 13/017,776 | ABANDONED | US | UTL | Ranking Vendors by Combining Quantitative and Qualitative Characteristics of Third-Party Advertising | 1/31/2011 | 1/31/2011 | 8/2/2012 | |
| | US-2012-0233149 | 13/043,020 | ABANDONED | US | UTL | Efficient Processing of Bulk Queries to Determine The Availability of Resources | 3/8/2011 | 3/8/2011 | 9/13/2012 | |
| | 2012-0221387 | 13/034,342 | ABANDONED | US | UTL | System for Providing Incentives for Referring Advertisements and Deals | 2/24/2011 | 2/24/2011 | 8/30/2012 | |
| | 2013-0160120-A1 | 13/331,523 | ABANDONED | US | UTL | Protecting End Users From Malware Using Advertising Virtual Machine | 12/20/2011 | 12/20/2011 | 6/20/2013 | |

PATENT
REEL: 058534 FRAME: 0215

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,751,618 | 2012-0259915 | 13/080,661 | ISSUED | US | UTL | Method and System for Maximizing Content Spread in Social Network | 4/6/2011 | 4/6/2011 | 10/11/2012 | 6/10/2014 |
| | 2012-0303417 | 13/116,444 | ABANDONED | US | UTL | Realtime Price System | 5/26/2011 | 5/26/2011 | 11/29/2012 | |
| | 2013-0024276 | 13/186,492 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR SELECTING WEB ADVERTISEMENTS TO OPTIMIZE REVENUE | 7/20/2011 | 7/20/2011 | 1/24/2013 | |
| | 2013-0054708 A1 | 13/221,473 | PUBLISHED | US | UTL | Systems and methods for suggesting a topic in an online group | 8/30/2011 | 8/30/2011 | 2/28/2013 | |
| 8,447,652 | 2012-0310739 | 13/118,983 | ISSUED | US | UTL | System and Method for Targeting Advertising to a Device Based on Installed Applications | 5/31/2011 | 5/31/2011 | 12/6/2012 | 5/21/2013 |
| | 2013-0311296 A1 | 13/896,698 | PUBLISHED | US | UTL | System and Method for Targeting Advertising to a Device Based on Installed Applications | 5/31/2011 | 5/17/2013 | 11/21/2013 | |
| | 2013-0013678 | 13/175,955 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR IDENTIFYING A PRINCIPAL INFLUENCER IN A SOCIAL NETWORK BY IMPROVING RANKING OF TARGETS | 7/5/2011 | 7/5/2011 | 1/10/2013 | |
| | 2013-0085865-A1 | 13/252,382 | ABANDONED | US | UTL | Content-Contingent Targeting In Online Advertising | 10/4/2011 | 10/4/2011 | 4/4/2013 | |
| | | 11/868,987 | ABANDONED | US | UTL | DEVICE, METHOD AND COMPUTER PROGRAM PRODUCT FOR UPDATING WEB FEEDS | 2/14/2001 | 10/9/2007 | | |
| | 2013-0073545 A1 | 13/233,380 | ABANDONED | US | UTL | Method and system for providing recommended content for user generated content on an article | 9/15/2011 | 9/15/2011 | 3/21/2013 | |

PATENT
REEL: 058534 FRAME: 0216

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2013-0132211 A1 | 13/300,583 | PUBLISHED | US | UTL | Providing Seamless Online Video Advertisements | 11/20/2011 | 11/20/2011 | 5/23/2013 | |
| | 2013-0219339 A1 | 13/400,123 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR MANAGING SHARING OF CONTENT ON AN ONLINE SHARING PLATFORM | 2/20/2012 | 2/20/2012 | 8/22/2013 | |
| | 2013-0132433 A1 | 13/301,786 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR CATEGORIZING WEB-SEARCH QUERIES IN SEMANTICALLY COHERENT TOPICS | 11/22/2011 | 11/22/2011 | 5/23/2013 | |
| | 2014-0122221 A1 | 13/664,088 | EXPIRED | US | UTL | Optimizing Bidding with Multiple Campaign Types | 10/30/2012 | 10/30/2012 | 5/1/2014 | |
| | 2014/0089106 A1 | 13/629,413 | ABANDONED | US | UTL | Method and system for formulating bids for internet advertising using forecast data | 9/27/2012 | 9/27/2012 | 3/27/2014 | |
| | 2014-0006141 A1 | 13/539,271 | EXPIRED | US | UTL | Methods Incorporating Pacing Constraints For Bidding Online Advertisement Display And Apparatus Conducting The Same | 6/29/2012 | 6/29/2012 | 1/2/2014 | |
| | 2013-0204705 A1 | 13/367,963 | ABANDONED | US | UTL | Targeted Local Deals For Content Sharing Sites Based On Location Metadata | 2/7/2012 | 2/7/2012 | 8/8/2013 | |
| 9,152,948 | 2013-0218960 A1 | 13/400,125 | ISSUED | US | UTL | Method and System For Providing A Structured Topic Drift For A Displayed Set Of User Comments On An Article | 2/20/2012 | 2/20/2012 | 8/22/2013 | 10/6/2015 |

PATENT
REEL: 058534 FRAME: 0217

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2013-0183652 A1 | 13/352,651 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR PROVIDING SETS OF USER COMMENTS AS ANSWERS TO A QUESTION | 1/18/2012 | 1/18/2012 | 7/18/2013 | |
| | 2013-0311272 A1 | 13/472,482 | ABANDONED | US | UTL | Method And System For Dynamically Optimizing Profit For Guaranteed Deal Bidding | 5/16/2012 | 5/16/2012 | 11/21/2013 | |
| | 2013-0311274 A1 | 13/472,486 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR EDITING A WEB PAGE | 5/16/2012 | 5/16/2012 | 11/21/2013 | |
| | 2013-0238433 A1 | 13/415,011 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR PROVIDING RELEVANT ADVERTISEMENTS BY MONITORING SCROLL-SPEEDS | 3/8/2012 | 3/8/2012 | 9/12/2013 | |
| | 2014-0081743 A1 | 14/078,203 | EXPIRED | US | UTL | Pricing Engine Revenue Evaluation | 4/30/2012 | 11/12/2013 | 3/20/2014 | |
| | 2014-0095323 A1 | 13/629,968 | EXPIRED | US | UTL | Method of Second Price Auction With Monopoly Reserve Price and Apparatus Conducting The Same | 9/28/2012 | 9/28/2012 | 4/3/2014 | |
| | | 13/597,272 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR PROVIDING ONLINE ADVERTISEMENTS BASED ON USER DRIVEN DEVICE MOTION INPUTS | 8/29/2012 | 8/29/2012 | | |
| | 2014-0046773 A1 | 13/570,252 | ABANDONED | US | UTL | Method and System for Displaying Relevant Advertisements Based on Characteristic Tags | 8/9/2012 | 8/9/2012 | 2/13/2014 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2015-0025970 A1 | 13/945,732 | EXPIRED | US | UTL | Real Time Advertising Campaigns Utilizing Streaming Analytics Engines | 7/18/2013 | 7/18/2013 | 1/22/2015 | |
| | 2014-0046660 A1 | 13/571,365 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR VOICE BASED MOOD ANALYSIS | 8/10/2012 | 8/10/2012 | 2/13/2014 | |
| | 2014-0323189 A1 | 13/871,613 | ABANDONED | US | UTL | Advertising Game System | 4/26/2013 | 4/26/2013 | 10/30/2014 | |
| 9,413,834 | 2014-0344281-A1 | 13/895,981 | ISSUED | US | UTL | System and Method for Measuring the Virality of Internet Content Using Indices | 5/16/2013 | 5/16/2013 | 11/20/2014 | 8/9/2016 |
| | 2016-0321281 A1 | 15/204,870 | PUBLISHED | US | UTL | System and Method for Measuring the Virality of Internet Content Using Indices | 5/16/2013 | 7/7/2016 | 11/3/2016 | |
| | 2014-0324599 A1 | 13/872,436 | PUBLISHED | US | UTL | System and Method for Booking an Online Advertising Campaign | 4/29/2013 | 4/29/2013 | 10/30/2014 | |
| | 2014-0324604 A1 | 13/872,453 | PUBLISHED | US | UTL | System and Method for Producing Proposed Online Advertisements from Pre-Existing Advertising Creatives | 4/29/2013 | 4/29/2013 | 10/30/2014 | |
| 8,788,338 | | 13/932,766 | ISSUED | US | UTL | Unified Marketplace for Advertisements and Content in an Online System | 7/1/2013 | 7/1/2013 | | 7/22/2014 |
| | | 61/677,118 | CONV PRV | US | PRV | Mobile Ad Campaign Workflow | 7/30/2012 | 7/30/2012 | | |
| | 2014-0032302-A1 | 13/953,025 | PUBLISHED | US | UTL | Systems and Methods for Implementing A Mobile Application Based Online Advertising System | 7/29/2012 | 7/29/2013 | 1/30/2014 | |
| | | 61/676,895 | CONV PRV | US | PRV | Location Retargeting | 7/28/2012 | 7/28/2012 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2014-0032326 A1 | 13/951,091 | PUBLISHED | US | UTL | Location Retargeting System For Online Advertising | 7/28/2012 | 7/25/2013 | 1/30/2014 | |
| | | 61/862,476 | CONV PRV | US | PRV | Search Engine Marketing Optimizer | 8/5/2013 | 8/5/2013 | | |
| | 2015-0039432-A1 | 14/043,807 | PUBLISHED | US | UTL | Keyword Recommendation | 8/5/2013 | 10/1/2013 | 2/5/2015 | |
| | | 61/805,152 | CONV PRV | US | PRV | Provisional Patent Application for Behavioral Retargeting System for Cookie Disabled Onlin | 3/26/2013 | 3/26/2013 | | |
| | 2014-0297394-A1 | 14/084,324 | PUBLISHED | US | UTL | Behavioral Retargeting System and Method for Cookie-Disabled Devices | 3/26/2013 | 11/19/2013 | 10/2/2014 | |
| | | 61/870,641 | CONV PRV | US | PRV | Spark Satellite Clusters To Hadoop Data Stores | 8/27/2013 | 8/27/2013 | | |
| | 2015-0066646 A1 | 14/470,704 | PUBLISHED | US | UTL | Spark Satellite Clusters to Hadoop Data Stores | 8/27/2013 | 8/27/2014 | 3/5/2015 | |
| | US-2005-0108155-A1 | 11/020,789 | ABANDONED | US | UTL | Systems and Methods for Implementing Person-to-Person Money Exchange | 8/15/2000 | 12/21/2004 | 6/16/2005 | |
| | | 61/325,264 | CONV PRV | US | PRV | SOCIAL ADVERTISING PLATFORM | 4/16/2010 | 4/16/2010 | | |
| | | 61/330,317 | CONV PRV | US | PRV | SOCIAL ADVERTISING PLATFORM | 5/1/2010 | 5/1/2010 | | |
| | 2011-0258050 A1 | 13/088,287 | ABANDONED | US | UTL | Social Advertising Platform | 4/16/2010 | 4/15/2011 | 10/20/2011 | |
| | 2011-0264532 A1 | 13/182,604 | ABANDONED | US | UTL | Social Advertising Platform | 4/16/2010 | 7/14/2011 | 10/27/2011 | |
| | 2015-0220502 A1 | 14/170,377 | PUBLISHED | US | UTL | Compressed Serialization of Data for Communication from a Client-Side Application | 1/31/2014 | 1/31/2014 | 8/6/2015 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2015-0222493 A1 | 14/170,393 | PUBLISHED | US | UTL | Dynamic Streaming Content Provided by a Client-Side Application | 1/31/2014 | 1/31/2014 | 8/6/2015 | |
| 9,680,897 | 2015-0222693 A1 | 14/170,402 | ISSUED | US | UTL | Throttled Scanning for Optimized Compression of Network Communicated Data | 1/31/2014 | 1/31/2014 | 8/6/2015 | 6/13/2017 |
| | 2015-0220235 A1 | 14/499,971 | PUBLISHED | US | UTL | Tracking User Interaction With A Stream of Content | 1/31/2014 | 9/29/2014 | 8/6/2015 | |
| | 2016-0041985 A1 | 14/455,045 | PUBLISHED | US | UTL | Systems and Methods for Suggesting Headlines | 8/8/2014 | 8/8/2014 | 2/11/2016 | |
| | 2015-0332322 A1 | 14/277,964 | PUBLISHED | US | UTL | Entity Sponsorship Within a Modular Search Object Framework | 5/15/2014 | 5/15/2014 | 11/19/2015 | |
| | 2016-0117379 A1 | 14/523,709 | PUBLISHED | US | UTL | Taxonomy-Based System for Discovering and Annotating Geofences from Geo-Referenced Data | 10/24/2014 | 10/24/2014 | 4/28/2016 | |
| D773,497 | | 29/489,531 | ISSUED | US | DES | Display Screen Or Portion Thereof With A Graphical User Interface | 4/30/2014 | 4/30/2014 | | 12/6/2016 |
| D776,140 | | 29/489,536 | ISSUED | US | DES | Display Screen with Graphical User Interface for Displaying Search Results as a Stack of Overlapping, Actionable Cards | 4/30/2014 | 4/30/2014 | | 1/10/2017 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 29/576,156 | PENDING | US | DES | Display Screen with Graphical User Interface for Displaying Search Results as a Stack of Overlapping, Actionable Cards | 4/30/2014 | 8/31/2016 | | |
| D773,498 | | 29/489,540 | ISSUED | US | DES | Display Screen Or Portion Thereof With A Graphical User Interface | 4/30/2014 | 4/30/2014 | | 12/6/2016 |
| 8,255,495 | | 13/427,341 | ISSUED | US | UTL | Digital image and content display systems and methods | 3/22/2012 | 3/22/2012 | | 8/28/2012 |
| 8,392,538 | | 13/564,609 | ISSUED | US | UTL | Digital Image and Content Display Systems and Methods | 3/22/2012 | 8/1/2012 | | 3/5/2013 |
| 9,158,747 | 2013-0254651 A1 | 13/777,917 | ISSUED | US | UTL | Digital Image and Content Display Systems and Methods | 3/22/2012 | 2/26/2013 | 9/26/2013 | 10/13/2015 |
| | 2015-0370815 A1 | 14/842,576 | PUBLISHED | US | UTL | Digital Image and Content Display Systems and Methods | 3/22/2012 | 9/1/2015 | 12/24/2015 | |
| | | 61/543,717 | CONV PRV | US | PRV | Platform for providing interactive images | 10/5/2011 | 10/5/2011 | | |
| 8,737,678 | 2013-0089273 A1 | 13/308,401 | ISSUED | US | UTL | Platform for providing interactive applications on a digital content platform | 10/5/2011 | 11/30/2011 | 4/11/2013 | 5/27/2014 |
| 8,635,519 | 2013-0055104 A1 | 13/219,460 | ISSUED | US | UTL | System and method for sharing content based on positional tagging | 8/26/2011 | 8/26/2011 | 2/28/2013 | 1/21/2014 |
| 8,166,383 | | 13/296,124 | ISSUED | US | UTL | System and method for sharing content based on positional tagging | 8/26/2011 | 11/14/2011 | | 4/24/2012 |
| 8,234,168 | | 13/450,807 | ISSUED | US | UTL | Image content and quality assurance system and method | 4/19/2012 | 4/19/2012 | | 7/31/2012 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,311,889 | | 13/545,443 | ISSUED | US | UTL | Image content and quality assurance system and method | 4/19/2012 | 7/10/2012 | | 11/13/2012 |
| 9,384,408 | 2012-0177297 A1 | 13/005,217 | ISSUED | US | UTL | Image Analysis System and Method Using Image Recognition and Text Search | 1/12/2011 | 1/12/2011 | 7/12/2012 | 7/5/2016 |
| | 2013-0086112 A1 | 13/252,053 | ABANDONED | US | UTL | Image browsing system and method for a digital content platform | 10/3/2011 | 10/3/2011 | 4/4/2013 | |
| | 2015-0074512 A1 | 14/308,611 | PUBLISHED | US | UTL | Image browsing system and method for a digital content platform | 10/3/2011 | 6/18/2014 | 3/12/2015 | |
| D737,289 | | 29/403,732 | ISSUED | US | DES | Portion Of A Display Screen With A Graphical User Interface | 10/3/2011 | 10/10/2011 | | 8/25/2015 |
| D737,290 | | 29/403,733 | ISSUED | US | DES | Portion of A Display Screen With A Graphical User Interface | 10/3/2011 | 10/10/2011 | | 8/25/2015 |
| | | 29/403,734 | ABANDONED | US | DES | Image browsing system and method for a digital content platform | 10/3/2011 | 10/10/2011 | | |
| D738,391 | | 29/403,826 | ISSUED | US | DES | Portion of A Display Screen With A Graphical User Interface | 10/3/2011 | 10/11/2011 | | 9/8/2015 |
| D736,224 | | 29/403,731 | ISSUED | US | DES | Portion Of A Display Screen With A Graphical User Interface | 10/10/2011 | 10/10/2011 | | 8/11/2015 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2012-0179544 A1 | 13/005,226 | ABANDONED | US | UTL | System and Method for Computer-Implemented Advertising Based on Search Query | 1/12/2011 | 1/12/2011 | 7/12/2012 | |
| | 2012-0179545 A1 | 13/352,188 | ABANDONED | US | UTL | System and Method for Computer-Implemented Advertising Based on Search Query | 1/12/2011 | 1/17/2012 | 7/12/2012 | |
| | 2012-0232987 A1 | 13/045,426 | ABANDONED | US | UTL | Image-based search interface | 3/10/2011 | 3/10/2011 | 9/13/2012 | |
| | 2012-0233143 A1 | 13/398,700 | ABANDONED | US | UTL | Image-based search interface | 3/10/2011 | 2/16/2012 | 9/13/2012 | |
| D664,976 | | 29/387,270 | ISSUED | US | DES | Graphical user interface for in-image search | 3/10/2011 | 3/10/2011 | | 8/7/2012 |
| D664,977 | | 29/387,271 | ISSUED | US | DES | Portion of a display screen with a Graphical user interface | 3/10/2011 | 3/10/2011 | | 8/7/2012 |
| | | 29/387,272 | ABANDONED | US | DES | n/a | 3/10/2011 | 3/10/2011 | | |
| | | 29/387,273 | ABANDONED | US | DES | n/a | 3/10/2011 | 3/10/2011 | | |
| | 2013-0132190 A1 | 13/299,280 | PUBLISHED | US | UTL | Image tagging system and method for contextually relevant advertising | 11/17/2011 | 11/17/2011 | 5/23/2013 | |
| | 2013-0325600 A1 | 13/486,628 | PUBLISHED | US | UTL | Image-Content Matching Based on Image Context and Referrer Data | 6/1/2012 | 6/1/2012 | 12/5/2013 | |
| 8,495,489 | | 13/473,027 | ISSUED | US | UTL | System and Method for Creating and Displaying Image Annotations | 5/16/2012 | 5/16/2012 | | 7/23/2013 |
| | 2014-0067542 A1 | 13/599,991 | PUBLISHED | US | UTL | Image-Based Advertisement and Content Analysis and Display Systems | 8/30/2012 | 8/30/2012 | 3/6/2014 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2016-0260125 A1 | 14/640,661 | PUBLISHED | US | UTL | Systems and Methods for Cold-start and Continuous-learning via Evolutionary Explorations | 3/6/2015 | 3/6/2015 | 9/8/2016 | |
| | | 61/076,699 | CONV PRV | US | PRV | System, a method and a computer program product for generating advertisements | 6/30/2008 | 6/30/2008 | | |
| | 2010-0005001 A1 | 12/494,420 | PUBLISHED | US | UTL | Systems And Methods For Advertising | 6/30/2008 | 6/30/2009 | 1/7/2010 | |
| | 2016-0275165 A1 | 14/661,979 | PUBLISHED | US | UTL | Techniques for Modeling Aggregation Records | 3/18/2015 | 3/18/2015 | 9/22/2016 | |
| | 2016-0253694 A1 | 14/634,463 | PUBLISHED | US | UTL | Systems and Methods For Instant Generation of Human Understandable Audience Insights | 2/27/2015 | 2/27/2015 | 9/1/2016 | |
| | | 60/206,944 | CONV PRV | US | PRV | Online Media Exchange | 5/25/2000 | 5/25/2000 | | |
| | 2012-0136728 A1 | 12/956,888 | PUBLISHED | US | UTL | NETWORKED ADVERTISEMENT EXCHANGE | 11/30/2010 | 11/30/2010 | 5/31/2012 | |
| | | 61/799,818 | CONV PRV | US | PRV | PIPELINED DISTRIBUTED SYSTEM FOR VIDEO ADVERTISEMENTS | 3/15/2013 | 3/15/2013 | | |
| 9,462,354 | 2014-0282634 A1 | 14/214,431 | ISSUED | US | UTL | Audited Pipelined Distributed System For Video Advertisement Exchanges | 3/15/2013 | 3/14/2014 | 9/18/2014 | 10/4/2016 |
| | | 61/800,845 | CONV PRV | US | PRV | COMPACT DATA INTERFACE FOR REAL TIME BIDDING | 3/15/2013 | 3/15/2013 | | |
| | 2014-0324603 A1 | 14/217,006 | PUBLISHED | US | UTL | Compact Data Interface For Real Time Bidding In Digital Video Advertisement Systems | 3/15/2013 | 3/17/2014 | 10/30/2014 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 61/801,712 | CONV PRV | US | PRV | GEO, SEGMENT, UNIQUES DISTRIBUTED COMPUTING SYSTEM | 3/15/2013 | 3/15/2013 | | |
| | 2014-0282716 A1 | 14/214,547 | PUBLISHED | US | UTL | Geo, Segment, Uniques Distributed Computing System | 3/15/2013 | 3/14/2014 | 9/18/2014 | |
| | | 61/788,899 | CONV PRV | US | PRV | MOBILE CREATIVE MANAGEMENT SYSTEM | 3/15/2013 | 3/15/2013 | | |
| | 2014-0279032 A1 | 14/214,618 | PUBLISHED | US | UTL | Mobile Creative Management System | 3/15/2013 | 3/14/2014 | 9/18/2014 | |
| | | 61/856,529 | CONV PRV | US | PRV | REAL TIME DEBUGGING IN ONLINE VIDEO ADVERTISEMENT SYSTEM | 7/19/2013 | 7/19/2013 | | |
| | 2015-0339730 A1 | 14/337,110 | PUBLISHED | US | UTL | Real Time Debugging In Online Video Advertisement System | 7/19/2013 | 7/21/2014 | 11/26/2015 | |
| | 2016-0063572 A1 | 14/472,287 | PUBLISHED | US | UTL | CONTROLLING EFFECTIVENESS OF ONLINE VIDEO ADVERTISEMENT CAMPAIGN | 8/28/2014 | 8/28/2014 | 3/3/2016 | |
| | | 61/932,755 | CONV PRV | US | PRV | REAL TME PACING OF ONLINE VIDEO ADVERTISEMENTS | 1/28/2014 | 1/28/2014 | | |
| | 2015-0213509 A1 | 14/607,638 | PUBLISHED | US | UTL | Real Time Pacing of Online Video Advertisements | 1/28/2014 | 1/28/2015 | 7/30/2015 | |
| | | 61/932,983 | CONV PRV | US | PRV | QUALITATIVE USER ASSESSMENT IN ONLINE VIDEO ADVERTISING | 1/29/2014 | 1/29/2014 | | |
| | 2015-0213479 A1 | 14/608,992 | PUBLISHED | US | UTL | Qualitative User Assessment In Online Video Advertising | 1/29/2014 | 1/29/2015 | 7/30/2015 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 61/900,902 | CONV PRV | US | PRV | CLIENT-SIDE SCOUT AND COMPANION IN A REAL-TIME BIDDING ADVERTISEMENT SYSTEM | 11/6/2013 | 11/6/2013 | | |
| | 2015-0128157 A1 | 14/535,077 | PUBLISHED | US | UTL | Client-Side Scout and Companion In A Real-Time Bidding Advertisement System | 11/6/2013 | 11/6/2014 | 5/7/2015 | |
| | | 61/935,320 | CONV PRV | US | PRV | TRACKING AND MEASUREMENT ENHANCEMENTS IN A REALTIME ADVERTISEMENT BIDDING SYSTEM | 2/3/2014 | 2/3/2014 | | |
| | 2015-0222961 A1 | 14/612,758 | PUBLISHED | US | UTL | Tracking And Measurement Enhancements In A Real-Time Advertisement Bidding System | 2/3/2014 | 2/3/2015 | 8/6/2015 | |
| | | 61/895,400 | CONV PRV | US | PRV | MULTI-PROTOCOL INTERACTIVE MOBILE VIDEO ADVERTISING | 10/24/2013 | 10/24/2013 | | |
| | 2015-0120470 A1 | 14/522,470 | PUBLISHED | US | UTL | Multi-Protocol Interactive Mobile Video Advertising | 10/24/2013 | 10/23/2014 | 4/30/2015 | |
| | | 62/004,116 | CONV PRV | US | PRV | INCREMENTAL DATA PROCESSING | 5/28/2014 | 5/28/2014 | | |
| | 2015-0347439 A1 | 14/720,448 | PUBLISHED | US | UTL | Incremental Data Processing | 5/28/2014 | 5/22/2015 | 12/3/2015 | |
| | 2016-0098764 A1 | 14/508,942 | PUBLISHED | US | UTL | Mitigation of Failures in an Online Advertising Network | 10/7/2014 | 10/7/2014 | 4/7/2016 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2016-0100026 A1 | 14/508,944 | PUBLISHED | US | UTL | Fixed-Delay Storage System and Its Application To Networked Advertisement Exchange | 10/7/2014 | 10/7/2014 | 4/7/2016 | |
| | | 14/748,333 | PENDING | US | UTL | Systems and Methods for Online Content Recommendation | 6/17/2015 | 6/24/2015 | | |
| | 2016-0364745 A1 | 14/734,515 | PUBLISHED | US | UTL | Outlier Data Detection | 6/9/2015 | 6/9/2015 | 12/15/2016 | |
| | 2016-0323239 A1 | 14/700,616 | PUBLISHED | US | UTL | Methods For Identifying Multiple Devices Belonging to the Same Group | 4/30/2015 | 4/30/2015 | 11/3/2016 | |
| | 2017-0032424 A1 | 14/815,334 | PUBLISHED | US | UTL | System and Method for Contextual Video Advertisement Serving In Guaranteed Display Advertising | 7/31/2015 | 7/31/2015 | 2/2/2017 | |
| | 2017-0098236 A1 | 14/873,757 | PUBLISHED | US | UTL | Exploration of Real-Time Advertising Decisions | 10/2/2015 | 10/2/2015 | 4/6/2017 | |
| | 2017-0004524 A1 | 14/788,227 | PUBLISHED | US | UTL | Systems and Methods For Mobile Campaign Optimization Without Knowing User Identity | 6/30/2015 | 6/30/2015 | 1/5/2017 | |
| | 2017-0148049-A1 | 14/951,683 | PUBLISHED | US | UTL | Systems and Methods for Ad Placement in Content Streams | 11/25/2015 | 11/25/2015 | 5/25/2017 | |
| | | 14/874,153 | PENDING | US | UTL | Systems and Methods for Establishing and Utilizing a Hierarchical Bayesian Framework for Ad Click Through Rate Prediction | 10/2/2015 | 10/2/2015 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 14/854,726 | PENDING | US | UTL | Identifying Users' Identity Through Tracking Common Activity | 9/15/2015 | 9/15/2015 | | |
| | | 14/982,997 | PENDING | US | UTL | System and Method For User Model based on App Behavior | 12/29/2015 | 12/29/2015 | | |
| | 2017-0154356-A1 | 14/954,118 | PUBLISHED | US | UTL | Generating Actionable Suggestions for Improving User Engagement with Online Advertisements | 11/30/2015 | 11/30/2015 | 6/1/2017 | |
| | | 14/984,853 | PENDING | US | UTL | Filtering Machine For Sponsored Content | 12/30/2015 | 12/30/2015 | | |
| | | 14/857,258 | PENDING | US | UTL | Smart Exploration Methods For Mitigating Item Cold-Start Problem In Collaborative Filtering Recommendation Systems | 9/17/2015 | 9/17/2015 | | |
| | | 15/019,646 | PENDING | US | UTL | Scalable and Effective Document Summarization Framework | 2/9/2016 | 2/9/2016 | | |
| | | 15/064,310 | PENDING | US | UTL | System and Method for Traffic Quality Based Pricing via Deep Neural Language Models | 3/8/2016 | 3/8/2016 | | |
| | | 15/012,250 | PENDING | US | UTL | Scalable Conflict Detection in Transaction Management | 2/1/2016 | 2/1/2016 | | |
| | | 15/055,220 | PENDING | US | UTL | Quality-based scoring and inhibiting of user-generated content | 2/26/2016 | 2/26/2016 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 15/154,613 | PENDING | US | UTL | Methods and Systems for Near Real-Time Lookalike Audience Expansion in Ads Targeting | 5/13/2016 | 5/13/2016 | | |
| | | 15/169,101 | PENDING | US | UTL | Real Time Parsing and Suggestions from Pre-Generated Corpus with Hypernyms | 5/31/2016 | 5/31/2016 | | |
| | | 15/198,493 | PENDING | US | UTL | Fact Machine for User Generated Content | 6/30/2016 | 6/30/2016 | | |
| | | 15/186,019 | PENDING | US | UTL | Method to enrich the browser cookies' attributes by graph propagation | 6/17/2016 | 6/17/2016 | | |
| | | 15/228,610 | PENDING | US | UTL | Hybrid Grammatical and Ungrammatical Parsing | 8/4/2016 | 8/4/2016 | | |
| | | 15/253,062 | PENDING | US | UTL | Building Profiles For Clusters With Smart Union Of Individual Profiles | 8/31/2016 | 8/31/2016 | | |
| | | 15/215,090 | PENDING | US | UTL | Device Identification For Multiple Device IDS | 7/20/2016 | 7/20/2016 | | |
| | | 15/285,318 | PENDING | US | UTL | Online Ranking Of Queries For Sponsored Search | 10/4/2016 | 10/4/2016 | | |
| | | 15/331,083 | PENDING | US | UTL | Home Location Identification Using Grouped Location Data | 10/21/2016 | 10/21/2016 | | |
| | | 15/239,219 | PENDING | US | UTL | Hybrid Classifier for Assigning Natural Language Processing (NLP) Inputs to Domains in Real-Time | 8/17/2016 | 8/17/2016 | | |
| | | 15/421,089 | PENDING | US | UTL | Methods And Systems For Processing Viewability Metrics | 1/31/2017 | 1/31/2017 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 15/421,052 | PENDING | US | UTL | Methods And Systems For Monitoring Viewable Impressions Of Online Content | 1/31/2017 | 1/31/2017 | | |
| | | 62/412,163 | CONV PRV | US | PRV | Local-Search Optimization and Pricing for Rich Ad Allocation | 10/24/2016 | 10/24/2016 | | |
| | | 15/360,714 | PENDING | US | UTL | Local-Search Optimization and Pricing for Rich Ad Allocation | 10/24/2016 | 11/23/2016 | | |
| | | 15/351,931 | PENDING | US | UTL | Automated Image Ads | 11/15/2016 | 11/15/2016 | | |
| | | 15/418,376 | PENDING | US | UTL | Name-Based Classification Of Electronic Account Users | 1/27/2017 | 1/27/2017 | | |
| | | 15/459,633 | PENDING | US | UTL | Online user space exploration for recommendation | 3/15/2017 | 3/15/2017 | | |
| 8,452,832 | 20080028066 | 11/495,269 | ISSUED | US | UTL | System and Method For Population-Targeted Advertising | 7/27/2006 | 7/27/2006 | 1/31/2008 | 5/28/2013 |
| | 20070255684 | 11/414,460 | ABANDONED | US | UTL | System and Method Using Flat Clustering for Evolutionary Clustering Of Sequential Data Sets | 4/29/2006 | 4/29/2006 | 11/1/2007 | |
| | 20070143311 | 11/389,999 | ABANDONED | US | UTL | System and Method for Clustering Content From Content Feeds | 3/27/2006 | 3/27/2006 | 6/21/2007 | |
| | 20080027802 | 11/497,085 | ABANDONED | US | UTL | System and method for scheduling online keyword subject to budget constraints | 7/31/2006 | 7/31/2006 | 1/31/2008 | |

PATENT
REEL: 058534 FRAME: 0231

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 20080065479 | 11/520,304 | ABANDONED | US | UTL | System and Method for Optimizing Advertisement Auctions By Applying Linear Programming Using Special Ordered Sets | 9/12/2006 | 9/12/2006 | 3/13/2008 | |
| | 20080010250 | 11/483,047 | ABANDONED | US | UTL | System and Method for Generalization Search in Hierarchies | 7/7/2006 | 7/7/2006 | 1/10/2008 | |
| | 20080104502 | 11/588,019 | ABANDONED | US | UTL | System and Method for Providing a Change Profile of a Web Page | 10/26/2006 | 10/26/2006 | 5/1/2008 | |
| | 20080104257 | 11/588,022 | ABANDONED | US | UTL | System and Method Using a Refresh Policy for Incremental Updating of Web Pages | 10/26/2006 | 10/26/2006 | 5/1/2008 | |
| | 20080046429 | 11/505,010 | ABANDONED | US | UTL | System and Method for Hierarchical Segmentation of Websites by Topic | 8/16/2006 | 8/16/2006 | 2/21/2008 | |
| | 20080140707 | 11/637,542 | ABANDONED | US | UTL | System and Method for Clustering Using Indexes for a Matrix | 12/11/2006 | 12/11/2006 | 6/12/2008 | |
| | 20080133348 | 11/607,782 | ABANDONED | US | UTL | System and Method for Delivering Online Advertisements Using Captchas | 12/1/2006 | 12/1/2006 | 6/5/2008 | |
| | 20080133347 | 11/607,596 | ABANDONED | US | UTL | System and Method For Providing Semantic Captchas For Online Advertising | 12/1/2006 | 12/1/2006 | 6/5/2008 | |
| | 20080133321 | 11/607,579 | ABANDONED | US | UTL | System and Method for Measuring Awareness of Online Advertising Using Captchas | 12/1/2006 | 12/1/2006 | 6/5/2008 | |

PATENT
REEL: 058534 FRAME: 0232

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2008-0228903 A1 | 11/724,717 | ABANDONED | US | UTL | System and method of serving advertisements for web applications | 3/16/2007 | 3/16/2007 | 9/18/2008 | |
| | 20080140591 | 11/637,524 | ABANDONED | US | UTL | System and Method for Matching Objects Belonging to Hierarchies | 12/12/2006 | 12/12/2006 | 6/12/2008 | |
| | 20080220855 | 11/716,217 | ABANDONED | US | UTL | System and Method for Permutation Betting | 3/9/2007 | 3/9/2007 | 9/11/2008 | |
| | 2008-0027803 A1 | 11/497,110 | ABANDONED | US | UTL | System and Method For Optimizing Throttle Rates Of Bidders In Online Keyword Auctions Subject To Budget Constraints | 7/31/2006 | 7/31/2006 | 1/31/2008 | |
| | 20080221870 | 11/716,518 | ABANDONED | US | UTL | System and Method for Revising Natural Language Parse Trees | 3/8/2007 | 3/8/2007 | 9/11/2008 | |
| | US 2008-0275775 | 11/800,667 | ABANDONED | US | UTL | System and Method for Using Sampling for Scheduling Advertisements in an Online Auction | 5/7/2007 | 5/7/2007 | 11/6/2008 | |
| | 2008-0243531 | 11/731,369 | ABANDONED | US | UTL | System and Method for Predictive Targeting In Online Advertising Using Life Stage Profiling | 3/29/2007 | 3/29/2007 | 10/2/2008 | |
| | 2009-0083098 A1 | 11/903,669 | EXPIRED | US | UTL | System and Method for an Online Auction with Optimal Reserve Price | 9/24/2007 | 9/24/2007 | 3/26/2009 | |
| | US 2009-0063465 A1 | 11/897,427 | ABANDONED | US | UTL | System and Method for String Processing and Searching Using a Compressed Permuterm Index | 8/29/2007 | 8/29/2007 | 3/5/2009 | |

PATENT
REEL: 058534 FRAME: 0233

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 11/881,694 | ABANDONED | US | UTL | System and Method of Making Trading Markets Using Generalized Trade Reduction | 7/27/2007 | 7/27/2007 | | |
| | 2009-0150126 | 12/001,958 | ABANDONED | US | UTL | System and Method for Sparse Gaussian Process Regression Using Predictive Measures | 12/10/2007 | 12/10/2007 | 6/11/2009 | |
| | 2009-0112691 | 11/981,319 | ABANDONED | US | UTL | Dynamic Methods for Optimizing Sponsored Search Keyword Auctions Under Budget Constraints | 10/30/2007 | 10/30/2007 | 4/30/2009 | |
| 8,666,813 | 2009-0070212 A1 | 11/900,524 | ISSUED | US | UTL | System and Method Using Sampling for Scheduling Advertisements in an Online Auction with Budget and Time Constraints | 9/10/2007 | 9/10/2007 | 3/12/2009 | 3/4/2014 |
| 7,996,306 | 2009-0070251 | 11/900,523 | ISSUED | US | UTL | System and Method for Payment Over a Series of Time Periods in an Online Market with Budget and Time Constraints | 9/10/2007 | 9/10/2007 | 3/12/2009 | 8/9/2011 |
| 8,682,724 | 2009-0070211 A1 | 11/900,522 | ISSUED | US | UTL | System and method using sampling for scheduling advertisements in slots of different quality in an online auction with budget and time constraints | 9/10/2007 | 9/10/2007 | 3/12/2009 | 3/25/2014 |

PATENT
REEL: 058534 FRAME: 0234

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2009-0171763 | 12/006,179 | ABANDONED | US | UTL | System and Method for Online Advertising Driven by Predicting User Interest | 12/31/2007 | 12/31/2007 | 7/2/2009 | |
| | 2009-0204593 | 12/069,486 | ABANDONED | US | UTL | System and Method for Parallel Retrieval of Data from a Distributed Database | 2/9/2008 | 2/9/2008 | 8/13/2009 | |
| | 2009-0248514 | 12/060,819 | ABANDONED | US | UTL | System and Method for Detecting the Sensitivity of Web Page Content for Serving Advertisements in Online Advertising | 4/1/2008 | 4/1/2008 | 10/1/2009 | |
| | 20090248534 | 12/060,153 | ABANDONED | US | UTL | System and Method for Offering an Auction Bundle in an Online Advertising Auction | 3/31/2008 | 3/31/2008 | 10/1/2009 | |
| | US 2009-0254397 A1 | 12/099,055 | ABANDONED | US | UTL | System and Method for Optimizing Online Keyword Auctions Subject to Budget and Estimated Query Volume Constraints | 4/7/2008 | 4/7/2008 | 10/8/2009 | |
| | 2009-0313127 | 12/137,477 | ABANDONED | US | UTL | System and Method for Using Contextual Sections of Web Page Content for Serving Advertisements in Online Advertising | 6/11/2008 | 6/11/2008 | 12/17/2009 | |
| | 2009-0313100 A1 | 12/137,493 | ABANDONED | US | UTL | System and Method for Previewing Search Results | 6/11/2008 | 6/11/2008 | 12/17/2009 | |
| | 2009-0265631 | 12/106,169 | ABANDONED | US | UTL | System and Method for a User Interface to Navigate a Collection of Tags Labeling Content | 4/18/2008 | 4/18/2008 | 10/22/2009 | |

PATENT
REEL: 058534 FRAME: 0235

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | US2002/0138441 A1 | 09/921,785 | ABANDONED | US | UTL | Technique for license management and online software license enforcement | 3/21/2001 | 8/3/2001 | 9/26/2002 | |
| | US-2010-0121679-A1 | 12/270,727 | ABANDONED | US | UTL | System and Method for Representative Allocation and Pricing of Impression Segments of Online Advertisement Impressions for Advertising Campaigns | 11/13/2008 | 11/13/2008 | 5/13/2010 | |
| | 2010-0030818 | 12/184,200 | ABANDONED | US | UTL | System and Method for Applying Once a Transaction Delivered in a Message Published Asynchronously in a Distributed Database | 7/31/2008 | 7/31/2008 | 2/4/2010 | |
| | 2009-0328163 | 12/164,040 | ABANDONED | US | UTL | System and Method Using a Streaming Captcha for Online Verification | 6/28/2008 | 6/28/2008 | 12/31/2009 | |
| | 2010-0082607-A1 | 12/238,401 | ABANDONED | US | UTL | System and Method for Aggregating a List of Top Ranked Objects from Ranked Combination Lists Using an Early Termination Algorithm | 9/25/2008 | 9/25/2008 | 4/1/2010 | |
| | 2010-0057546 | 12/202,246 | ABANDONED | US | UTL | System and Method for Online Advertising Using User Social Information | 8/30/2008 | 8/30/2008 | 3/4/2010 | |
| | 2010-0131554-A1 | 12/324,767 | ABANDONED | US | UTL | System and Method for Publishing Messages Asynchronously in a Distributed Database | 11/26/2008 | 11/26/2008 | 5/27/2010 | |

PATENT
REEL: 058534 FRAME: 0236

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | US-2010-0131359-A1 | 12/324,786 | ABANDONED | US | UTL | System and Method for Securing Invocations for Serving Advertisements and Instrumentation in Online Advertising | 11/26/2008 | 11/26/2008 | 5/27/2010 | |
| | US-2010-0115246-A1 | 12/263,422 | ABANDONED | US | UTL | System and Method of Data Partitioning for Parallel Processing of Dynamically Generated Application Data | 10/31/2008 | 10/31/2008 | 5/6/2010 | |
| | US-2010-0114647-A1 | 12/262,080 | ABANDONED | US | UTL | System and Method for Granular Inventory Forecasting of Online Advertisement Impressions | 10/30/2008 | 10/30/2008 | 5/6/2010 | |
| | US-2010-0161419-A1 | 12/340,695 | ABANDONED | US | UTL | System and Method for Allocation and Pricing of Overlapping Impression Pools of Online Advertisement Impressions for Advertising Demand with Frequency Capping | 12/20/2008 | 12/20/2008 | 6/24/2010 | |
| | 2010-0083194-A1 | 12/239,770 | ABANDONED | US | UTL | System and Method for Finding Connected Components in a Large-scale Graph | 9/27/2008 | 9/27/2008 | 4/1/2010 | |
| | 2010-0250523 | 12/415,939 | ABANDONED | US | UTL | System and Method for Learning a Ranking Model that Optimizes a Ranking Evaluation Metric for Ranking Search Results of a Search Query | 3/31/2009 | 3/31/2009 | 9/30/2010 | |

PATENT
REEL: 058534 FRAME: 0237

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2010-0250335 | 12/415,879 | EXPIRED | US | UTL | System and method using text features for click prediction of sponsored search advertisements | 3/31/2009 | 3/31/2009 | 9/30/2010 | |
| | | 12/547,473 | ABANDONED | US | UTL | System and Method for Predicting User Navigation within Sponsored Search Advertisements | 8/25/2009 | 8/25/2009 | | |
| | | 12/512,986 | ABANDONED | US | UTL | System and Method for Forecasting an Inventory of Online Advertisement Impressions by Sampling in a Map-Reduce Framework | 7/30/2009 | 7/30/2009 | | |
| | 2011-0029338 A1 | 12/512,981 | ABANDONED | US | UTL | System and Method for Generating a Valuation of Online Users and Websites from User Activities | 7/30/2009 | 7/30/2009 | 2/3/2011 | |
| | | 12/547,468 | ABANDONED | US | UTL | System and Method for Generating a Valuation of Revenue Opportunity for a Keyword from a Valuation of Online Sessions On a Website from User Activities Following a Keyword Search | 8/25/2009 | 8/25/2009 | | |
| | | 12/626,892 | ABANDONED | US | UTL | System and Method for Predicting Context-Dependent Term Importance of Search Queries | 11/28/2009 | 11/28/2009 | | |

PATENT
REEL: 058534 FRAME: 0238

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 12/626,894 | ABANDONED | US | UTL | System and Method to Identify Context-dependent Term Importance of Queries for Predicting Relevant Search Advertisements | 11/28/2009 | 11/28/2009 | | |
| | | 12/628,175 | ABANDONED | US | UTL | System and Method for Optimizing Selection of Online Advertisements | 11/30/2009 | 11/30/2009 | | |
| | | 61/302,953 | CONV PRV | US | PRV | Sketch-a-Search | 2/9/2010 | 2/9/2010 | | |
| | US 2011-0193795 A1 | 12/862,324 | ABANDONED | US | UTL | Haptic Search Feature for Touch Screens | 2/9/2010 | 8/24/2010 | 8/11/2011 | |
| | 2012-0195517 | 13/016,971 | ABANDONED | US | UTL | System and Method for Distorting a Clockface for Captcha Validation | 1/29/2011 | 1/29/2011 | 8/2/2012 | |
| 8,972,498 | 2013/0297688 A1 | 13/463,109 | ISSUED | US | UTL | Mobile-Based Real time Location-Sensitive Social Event Engine | 5/3/2012 | 5/3/2012 | 11/7/2013 | 3/3/2015 |
| | 2013-0197984 | 13/360,931 | EXPIRED | US | UTL | Socially Shared Ads | 1/30/2012 | 1/30/2012 | 8/1/2013 | |
| 9,607,291 | 2013-0151633 A1 | 13/324,531 | ISSUED | US | UTL | Email Sharing | 12/13/2011 | 12/13/2011 | 6/13/2013 | 3/28/2017 |
| | 2013/0132395 A1 | 13/303,639 | ABANDONED | US | UTL | Mobile Social Groups | 11/23/2011 | 11/23/2011 | 5/23/2013 | |
| | 2014-0046740 A1 | 13/572,681 | ABANDONED | US | UTL | Dynamic player cards | 8/12/2012 | 8/12/2012 | 2/13/2014 | |
| 9,542,292 | 2013-0254711 A1 | 13/429,043 | ISSUED | US | UTL | Designing operations interface to enhance situational awareness | 3/23/2012 | 3/23/2012 | 9/26/2013 | 1/10/2017 |
| 8,787,730 | 2013-0308921 A1 | 13/477,013 | ISSUED | US | UTL | Creating Video Synopsis for Use in Playback | 5/21/2012 | 5/21/2012 | 11/21/2013 | 7/22/2014 |
| | 2013-0268536 A1 | 13/442,036 | PUBLISHED | US | UTL | Ranking and Ordering of User Generated Content | 4/9/2012 | 4/9/2012 | 10/10/2013 | |
| 9,299,081 | 2014-0075334 A1 | 13/608,149 | ISSUED | US | UTL | Deriving a user profile from questions | 9/10/2012 | 9/10/2012 | 3/13/2014 | 3/29/2016 |
| 9,075,917 | 2014-0082593 A1 | 13/620,791 | ISSUED | US | UTL | Testing Framework for Dynamic Web Pages | 9/15/2012 | 9/15/2012 | 3/20/2014 | 7/7/2015 |
| | 2013-0325594 A1 | 13/488,671 | EXPIRED | US | UTL | Sponsored Applications | 6/5/2012 | 6/5/2012 | 12/5/2013 | |
| | 2014-0025493 A1 | 13/555,018 | EXPIRED | US | UTL | Custom retargeting description language | 7/20/2012 | 7/20/2012 | 1/23/2014 | |

PATENT
REEL: 058534 FRAME: 0239

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2015-0149502 A1 | 14/088,525 | PUBLISHED | US | UTL | Automatic Draft Email Notification | 11/25/2013 | 11/25/2013 | 5/28/2015 | |
| 9,614,801 | 2015-0172144 A1 | 14/109,750 | ISSUED | US | UTL | System and Method for Facilitating Email Message Reply | 12/17/2013 | 12/17/2013 | 6/18/2015 | 4/4/2017 |
| 9,686,400 | 2016-0165040 A1 | 14/564,639 | ISSUED | US | UTL | System and Method for Driving-Aware Notification | 12/9/2014 | 12/9/2014 | 6/9/2016 | 6/20/2017 |
| 9,410,816 | 2015-0323337 A1 | 14/271,960 | ISSUED | US | UTL | System and Method for Recommending Pleasant Routes from the Sentiment of Geo-Tagged Photographs | 5/7/2014 | 5/7/2014 | 11/12/2015 | 8/9/2016 |
| | 2016-0349065 A1 | 15/231,724 | PUBLISHED | US | UTL | System and Method for Recommending Pleasant Routes from the Sentiment of Geo-Tagged Photographs | 5/7/2014 | 8/8/2016 | 12/1/2016 | |
| | 2016-0334957 A1 | 14/712,157 | PUBLISHED | US | UTL | Content navigation | 5/14/2015 | 5/14/2015 | 11/17/2016 | |
| | 2015-0339381 A1 | 14/284,647 | PUBLISHED | US | UTL | Content Recommendations | 5/22/2014 | 5/22/2014 | 11/26/2015 | |
| 9,684,908 | 2016-0034585 A1 | 14/449,390 | ISSUED | US | UTL | Automatically Generated Comparison Polls | 8/1/2014 | 8/1/2014 | 2/4/2016 | 6/20/2017 |
| | 2016-0328343 A1 | 14/704,405 | PUBLISHED | US | UTL | Device Interfacing | 5/5/2015 | 5/5/2015 | 11/10/2016 | |
| | 2016-0162482 A1 | 14/560,252 | PUBLISHED | US | UTL | Automated image ranking | 12/4/2014 | 12/4/2014 | 6/9/2016 | |
| | 2016-0124799 A1 | 14/532,450 | PUBLISHED | US | UTL | Targeted crash fixing | 11/4/2014 | 11/4/2014 | 5/5/2016 | |
| | 2015-0286346 A1 | 14/247,690 | PUBLISHED | US | UTL | Gesture Input For Item Selection | 4/8/2014 | 4/8/2014 | 10/8/2015 | |
| | 2016-0092581 A1 | 14/501,342 | PUBLISHED | US | UTL | Personalized search filter and notification system | 9/30/2014 | 9/30/2014 | 3/31/2016 | |
| | 2016-0182577 A1 | 14/578,268 | PUBLISHED | US | UTL | Content selection | 12/19/2014 | 12/19/2014 | 6/23/2016 | |
| | 2016-0275111 A1 | 14/664,011 | PUBLISHED | US | UTL | System and method for photo scene searching | 3/20/2015 | 3/20/2015 | 9/22/2016 | |
| | 2016-0104173 A1 | 14/513,935 | PUBLISHED | US | UTL | Real-time economic indicator | 10/14/2014 | 10/14/2014 | 4/14/2016 | |

PATENT
REEL: 058534 FRAME: 0240

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2016-0197848 A1 | 14/591,204 | PUBLISHED | US | UTL | Content distribution resource allocation | 1/7/2015 | 1/7/2015 | 7/7/2016 | |
| | 2016-0239737 A1 | 14/657,409 | PUBLISHED | US | UTL | Future event detection | 3/13/2015 | 3/13/2015 | 8/18/2016 | |
| | 2016-0173633 A1 | 14/569,848 | PUBLISHED | US | UTL | Media queuing | 12/15/2014 | 12/15/2014 | 6/16/2016 | |
| 9,367,355 | | 14/607,499 | ISSUED | US | UTL | Resource utilization by one or more tasks | 1/28/2015 | 1/28/2015 | | 6/14/2016 |
| | 2016-0283279 A1 | 15/180,608 | PUBLISHED | US | UTL | Resource utilization by one or more tasks | 1/28/2015 | 6/13/2016 | 9/29/2016 | |
| | 2016-0187452 A1 | 14/587,313 | PUBLISHED | US | UTL | Positional state identification of mobile devices | 12/31/2014 | 12/31/2014 | 6/30/2016 | |
| | 2016-0299992 A1 | 14/682,603 | PUBLISHED | US | UTL | Inductive matrix completion and graph proximity for content item recommendation | 4/9/2015 | 4/9/2015 | 10/13/2016 | |
| | 2016-0364479 A1 | 14/736,658 | PUBLISHED | US | UTL | Content summation | 6/11/2015 | 6/11/2015 | 12/15/2016 | |
| | 2016-0344826 A1 | 14/717,119 | PUBLISHED | US | UTL | Data sessionization | 5/20/2015 | 5/20/2015 | 11/24/2016 | |
| | 2016-0353030 A1 | 14/725,398 | PUBLISHED | US | UTL | Image capture component | 5/29/2015 | 5/29/2015 | 12/1/2016 | |
| | 2016-0308798 A1 | 14/688,267 | PUBLISHED | US | UTL | Location sharing | 4/16/2015 | 4/16/2015 | 10/20/2016 | |
| | 2016-0285633 A1 | 14/671,026 | PUBLISHED | US | UTL | Facilitation of service login | 3/27/2015 | 3/27/2015 | 9/29/2016 | |
| 9,558,367 | 2016-0239680 A1 | 14/625,213 | ISSUED | US | UTL | Virtualization input component | 2/18/2015 | 2/18/2015 | 8/18/2016 | 1/31/2017 |
| | 2017-0140173 | 15/419,027 | PUBLISHED | US | UTL | Virtualization input component | 2/18/2015 | 1/30/2017 | 5/18/2017 | |
| | | 14/969,225 | PENDING | US | UTL | Method and System for Mapping Notable Entities to Their Social Profiles | 12/15/2015 | 12/15/2015 | | |
| | 2016-0335645 A1 | 14/710,096 | PUBLISHED | US | UTL | Predicting content consumption | 5/12/2015 | 5/12/2015 | 11/17/2016 | |
| | 2016-0357748 A1 | 14/730,476 | PUBLISHED | US | UTL | Image searching | 6/4/2015 | 6/4/2015 | 12/8/2016 | |
| | 2016-0378286 A1 | 14/749,799 | PUBLISHED | US | UTL | User interface adjustment methods and systems | 6/25/2015 | 6/25/2015 | 12/29/2016 | |
| | 2016-0334972 A1 | 14/711,711 | PUBLISHED | US | UTL | Content overlay for social network posts | 5/13/2015 | 5/13/2015 | 11/17/2016 | |

PATENT
REEL: 058534 FRAME: 0241

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2017-0024388 A1 | 14/804,835 | PUBLISHED | US | UTL | Methods and systems for determining query date ranges | 7/21/2015 | 7/21/2015 | 1/26/2017 | |
| | 2017-0098448 A1 | 14/872,224 | PUBLISHED | US | UTL | Webpage navigation utilizing audio commands | 10/1/2015 | 10/1/2015 | 4/6/2017 | |
| | 2017-0091333 A1 | 14/867,695 | PUBLISHED | US | UTL | Multi-Touch Gesture Search | 9/28/2015 | 9/28/2015 | 3/30/2017 | |
| | 2017-0104764 A1 | 14/881,316 | PUBLISHED | US | UTL | Fraud prevention | 10/13/2015 | 10/13/2015 | 4/13/2017 | |
| | 2017-0053022 A1 | 14/827,592 | PUBLISHED | US | UTL | Locale of interest identification | 8/17/2015 | 8/17/2015 | 2/23/2017 | |
| | 2017-0053313 A1 | 14/832,115 | PUBLISHED | US | UTL | Content selection | 8/21/2015 | 8/21/2015 | 2/23/2017 | |
| | 2017-0083939 A1 | 14/857,297 | PUBLISHED | US | UTL | Content identification | 9/17/2015 | 9/17/2015 | 3/23/2017 | |
| | 2017-0068805 A1 | 14/847,742 | PUBLISHED | US | UTL | Audio Verification | 9/8/2015 | 9/8/2015 | 3/9/2017 | |
| | 2017-0083514 A1 | 14/860,919 | PUBLISHED | US | UTL | In-Context Translation Review | 9/22/2015 | 9/22/2015 | 3/23/2017 | |
| | 2017-0149710-A1 | 14/949,024 | PUBLISHED | US | UTL | Selective Screen Sharing | 11/23/2015 | 11/23/2015 | 5/25/2017 | |
| | | 15/082,334 | PENDING | US | UTL | Video Content Deep Diving | 3/28/2016 | 3/28/2016 | | |
| | 2017-0150301-A1 | 14/946,882 | PUBLISHED | US | UTL | Weather presentation | 11/20/2015 | 11/20/2015 | 5/25/2017 | |
| | | 14/984,172 | PENDING | US | UTL | Query-goal-mission structures | 12/30/2015 | 12/30/2015 | | |
| | | 14/984,357 | PENDING | US | UTL | Mobile searches utilizing a query-goal-mission structure | 12/30/2015 | 12/30/2015 | | |
| | 2017-0109002 A1 | 14/883,900 | PUBLISHED | US | UTL | User interface generation | 10/15/2015 | 10/15/2015 | 4/20/2017 | |
| | | 14/969,201 | PENDING | US | UTL | Enforcing Anonymity in the Auditing of Electronic Documents | 12/15/2015 | 12/15/2015 | | |
| | 2017-0068899 A1 | 14/849,008 | PUBLISHED | US | UTL | User action prediction | 9/9/2015 | 9/9/2015 | 3/9/2017 | |
| | 2017-0098124 A1 | 14/875,943 | PUBLISHED | US | UTL | User classification based upon images | 10/6/2015 | 10/6/2015 | 4/6/2017 | |
| | 2017 0140738-A1 | 14/941,924 | PUBLISHED | US | UTL | Orientation Selection | 11/16/2015 | 11/16/2015 | 5/18/2017 | |
| | | 15/161,672 | PENDING | US | UTL | Virtual chat rooms | 5/23/2016 | 5/23/2016 | | |
| | | 14/982,136 | PENDING | US | UTL | Content prefetching and cache management | 12/29/2015 | 12/29/2015 | | |

PATENT
REEL: 058534 FRAME: 0242

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 15/170,249 | PENDING | US | UTL | Content presentation using a device set | 12/29/2015 | 6/1/2016 | | |
| | | 15/078,163 | PENDING | US | UTL | Target Webpage Performance | 3/23/2016 | 3/23/2016 | | |
| | 2017-0154360-A1 | 14/954,010 | PUBLISHED | US | UTL | Onboarding feature cues | 11/30/2015 | 11/30/2015 | 6/1/2017 | |
| | | 14/982,081 | PENDING | US | UTL | User Verification | 12/29/2015 | 12/29/2015 | | |
| | | 15/095,364 | PENDING | US | UTL | Content Subject Suggestions | 4/11/2016 | 4/11/2016 | | |
| | | 15/132,316 | PENDING | US | UTL | Mobile assistant | 4/19/2016 | 4/19/2016 | | |
| | | 15/163,224 | PENDING | US | UTL | Search across multiple user interfaces | 5/24/2016 | 5/24/2016 | | |
| | | 15/212,383 | PENDING | US | UTL | User subscription to content | 7/18/2016 | 7/18/2016 | | |
| | | 15/135,708 | PENDING | US | UTL | Video monitoring | 4/22/2016 | 4/22/2016 | | |
| | | 15/260,383 | PENDING | US | UTL | Headset visual displacement for motion correction | 9/9/2016 | 9/9/2016 | | |
| | | 15/134,633 | PENDING | US | UTL | Content sharing recommendations | 4/21/2016 | 4/21/2016 | | |
| | | 15/204,450 | PENDING | US | UTL | Selective content insertion into areas of media objects | 7/7/2016 | 7/7/2016 | | |
| | | 15/218,268 | PENDING | US | UTL | Emotional reaction sharing | 7/25/2016 | 7/25/2016 | | |
| | | 15/178,667 | PENDING | US | UTL | Traveler recommendations | 6/10/2016 | 6/10/2016 | | |
| | | 15/343,928 | PENDING | US | UTL | Subscription transfer | 11/4/2016 | 11/4/2016 | | |
| | | 15/425,978 | PENDING | US | UTL | Entity Disambiguation | 2/6/2017 | 2/6/2017 | | |
| | | 15/351,627 | PENDING | US | UTL | Volume control | 11/15/2016 | 11/15/2016 | | |
| | | 15/344,869 | PENDING | US | UTL | Tip generation | 11/7/2016 | 11/7/2016 | | |
| | | 15/359,994 | PENDING | US | UTL | Commentary generation | 11/23/2016 | 11/23/2016 | | |
| | | 15/625,009 | PENDING | US | UTL | Video encoding with content adaptive resource allocation | | 6/16/2017 | | |
| | | 15/366,443 | PENDING | US | UTL | Message classification | 12/1/2016 | 12/1/2016 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 15/370,363 | PENDING | US | UTL | Dynamic scan code generation | 12/6/2016 | 12/6/2016 | | |
| | | 15/396,555 | PENDING | US | UTL | Digital assistant | 12/31/2016 | 12/31/2016 | | |
| | | 15/394,159 | PENDING | US | UTL | Virtual Keyboard | 12/29/2016 | 12/29/2016 | | |
| | | 15/496,109 | PENDING | US | UTL | Chat videos | 4/25/2017 | 4/25/2017 | | |
| | 20020157014 | 09/837,497 | ABANDONED | US | UTL | Privacy Control System for Personal Information Card System and Method Thereof | 4/18/2001 | 4/18/2001 | 10/24/2002 | |
| | | 10/069,415 | ABANDONED | US | UTL | METHOD AND SYSTEM OF INTELLIGENT INFORMATION PROCESSING IN A NETWORK | 6/28/2000 | 6/28/2001 | | |
| | | 09/813,748 | ABANDONED | US | UTL | System and Method of Personal and Business Web Cards | 3/21/2001 | 3/21/2001 | | |
| | | 60/518,898 | CONV PRV | US | PRV | 'Back' Button in Mobile Applications | 11/10/2003 | 11/10/2003 | | |
| | 2005-0114798 A1 | 10/868,416 | ABANDONED | US | UTL | 'Back' Button in Mobile Applications | 11/10/2003 | 6/14/2004 | 5/26/2005 | |
| | 2005-0197141 A1 | 11/110,575 | ABANDONED | US | UTL | Back Button Schema In Mobile Applications | 11/10/2003 | 4/19/2005 | 9/8/2005 | |
| | | 60/410,510 | CONV PRV | US | PRV | Browser User Interface | 9/13/2002 | 9/13/2002 | | |
| | US 2004-0216036 A1 | 10/656,846 | ABANDONED | US | UTL | Browser User Interface | 9/13/2002 | 9/4/2003 | 10/28/2004 | |
| | | 10/654,875 | ABANDONED | US | UTL | Improved Browser User Interface | 9/13/2002 | 9/3/2003 | | |
| | 2008-0256467 A1 | 12/145,030 | PUBLISHED | US | UTL | Adaptable User Interface | 9/13/2002 | 6/24/2008 | 10/16/2008 | |
| 647,725 | 2008-0256451 A1 | 12/145,046 | ISSUED | US | UTL | Dynamic Embedded Video Player | 9/13/2002 | 6/24/2008 | 10/16/2008 | 1/17/2017 |
| | 2008-0256457 A1 | 12/145,079 | PUBLISHED | US | UTL | Search Query User Interface | 9/13/2002 | 6/24/2008 | 10/16/2008 | |
| | | 60/569,915 | CONV PRV | US | PRV | Clearinghouse for Messages Between Disparate Networks | 5/10/2004 | 5/10/2004 | | |

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REEL: 058534 FRAME: 0244

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|---|---|---|---|---|---|---|---|---|---|---|
| 7,626,991 | 2005/0259656 | 11/125,809 | ISSUED | US | UTL | Clearinghouse for Messages Between Disparate Networks | 5/10/2004 | 5/10/2005 | 11/25/2005 | 12/1/2009 |
| 8,230,029 | 2009-0313345 A1 | 12/545,002 | ISSUED | US | UTL | Clearinghouse for Messages Between Disparate Networks | 5/10/2004 | 8/20/2009 | 12/17/2009 | 7/24/2012 |
| 8,516,067 | 2012-0271897 | 13/535,036 | ISSUED | US | UTL | Clearinghouse for Messages Between Disparate Networks | 5/10/2004 | 6/27/2012 | 10/25/2012 | 8/20/2013 |
| | | 60/516,003 | CONV PRV | US | PRV | Community-Based Green List for AntiSpam | 10/31/2003 | 10/31/2003 | | |
| 7,181,498 | 2005-0097170 | 10/790,332 | ISSUED | US | UTL | Community-Based Green List for AntiSpam | 10/31/2003 | 3/1/2004 | 5/5/2005 | 2/20/2007 |
| | | 60/187,683 | CONV PRV | US | PRV | Financial Information Display | 3/8/2000 | 3/8/2000 | | |
| | US-2002-0091762-A1 | 09/801,439 | ABANDONED | US | UTL | Information Display System and Methods | 3/8/2000 | 3/7/2001 | 7/11/2002 | |
| | | 60/215,710 | CONV PRV | US | PRV | Game Server for Use in Connection with a Messenger Server | 7/3/2000 | 7/3/2000 | | |
| 6,699,125 | US-2002-0086732-A1 | 09/898,746 | ISSUED | US | UTL | Game server for use in connection with a messenger server | 7/3/2000 | 7/2/2001 | | 3/2/2004 |
| | US20050027382A1 | 10/665,932 | ABANDONED | US | UTL | Game server for use in connection with a messenger server | 7/3/2000 | 9/18/2003 | 2/3/2005 | |
| 8,663,011 | US-2008-0171601-A1 | 11/933,058 | ISSUED | US | UTL | Game server for use in connection with a messenger server | 7/3/2000 | 10/31/2007 | 7/17/2008 | 3/4/2014 |
| | | 60/198,713 | CONV PRV | US | PRV | Media and Information Display Systems and Methods | 4/20/2000 | 4/20/2000 | | |
| | | 09/839,799 | ABANDONED | US | UTL | Information Display Systems and Methods | 4/20/2000 | 4/19/2001 | | |
| | | 60/478,401 | CONV PRV | US | PRV | Method and System for Alert Delivery Architecture | 6/13/2003 | 6/13/2003 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 7,143,118 | 2005-0027741 A1 | 10/866,064 | ISSUED | US | UTL | Method and System for Alert Delivery Architecture | 6/13/2003 | 6/11/2004 | 2/3/2005 | 11/28/2006 |
| 7,334,001 | 2005-0027742 A1 | 10/866,065 | ISSUED | US | UTL | Method and System for Data Collection for Alert Delivery | 6/13/2003 | 6/11/2004 | 2/3/2005 | 2/19/2008 |
| 7,765,228 | 2008-0098014 A1 | 11/961,953 | ISSUED | US | UTL | Method and System for Data Collection for Alert Delivery | 6/13/2003 | 12/20/2007 | 4/24/2008 | 7/27/2010 |
| 6,205,469 | | 08/863,874 | EXPIRED | US | UTL | METHOD FOR CLIENT-SERVER COMMUNICATIONS THROUGH A MINIMAL INTERFACE | 5/27/1997 | 5/27/1997 | | 3/20/2001 |
| | | 11/442,659 | ABANDONED | US | UTL | Remote Web Site Authoring System and Method | 2/13/1997 | 5/26/2006 | | |
| 7,062,492 | | 10/414,445 | EXPIRED | US | UTL | Remote Web Site Authoring System and Method | 2/13/1997 | 4/14/2003 | | 6/13/2006 |
| | | 60/518,989 | CONV PRV | US | PRV | Method, Apparatus, and System for Providing a Server Agent for a Mobile Device | 11/10/2003 | 11/10/2003 | | |
| | US 2005-0223328 A1 | 11/047,010 | ABANDONED | US | UTL | Method and Apparatus for providing Dynamic Moods for Avatars | 1/30/2004 | 1/31/2005 | 10/6/2005 | |
| | 20080281815 | 12/134,176 | ABANDONED | US | UTL | Optimal Storage and Retrieval of XML Data | 8/31/2004 | 6/5/2008 | | |
| | | 60/204,910 | CONV PRV | US | PRV | Parental Control System for Use in Connection with Account-Based Internet Access Server | 5/16/2000 | 5/16/2000 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 09/858,855 | ABANDONED | US | UTL | Parental Control System for Use in Connection with Account- Based Internet Access Server | 5/16/2000 | 5/15/2001 | 5/10/2002 | |
| | | 60/536,870 | CONV PRV | US | PRV | Parental Controls Authentication | 1/15/2004 | 1/15/2004 | | |
| | US 2005-0198319 A1 | 10/870,310 | ABANDONED | US | UTL | Techniques for Parental Control of Internet Access Including a Guest Mode | 1/15/2004 | 6/16/2004 | 9/8/2005 | |
| 7,350,231 | 2004-0015703 A1 | 10/416,975 | ISSUED | US | UTL | System and method for controlling access to digital content, including streaming media | 6/6/2001 | 5/15/2003 | 1/22/2004 | 3/25/2008 |
| 7,721,339 | US-2004-0030643-A1 | 10/416,623 | ISSUED | US | UTL | Method for Controlling Access to Digital Content and Streaming Media | 6/6/2001 | 5/12/2003 | 2/12/2004 | 5/18/2010 |
| 7,356,838 | US 2004-0162787 A1 | 10/692,444 | ISSUED | US | UTL | System and method for controlling access to digital content, including streaming media | 6/6/2001 | 10/22/2003 | 8/18/2004 | 4/8/2008 |
| | | 60/498,899 | CONV PRV | US | PRV | System and Method for Intergrating Data with Broadcast Content | 8/29/2003 | 8/29/2003 | | |
| | US-2005-0050160-A1 | 10/752,819 | ABANDONED | US | UTL | System and Method for Accessing Specialized Content Associated with Broadcast Content | 8/29/2003 | 1/6/2004 | 3/3/2005 | |
| | US-2005-0049957-A1 | 10/752,738 | ABANDONED | US | UTL | System and Method for Auctioning Utilizing a Broadcast-Based Device | 8/29/2003 | 1/6/2004 | 3/3/2005 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 7,346,556 | US-2005-0049933-A1 | 10/752,620 | ISSUED | US | UTL | System and Method for Performing Purchase Transactions Utilizing a Broadcast-Based Device | 8/29/2003 | 1/6/2004 | 3/3/2005 | 3/18/2008 |
| 7,458,093 | 2005-0076362 A1 | 10/752,743 | ISSUED | US | UTL | System and Method for Presenting Fantasy Sports Content with Broadcast Content | 8/29/2003 | 1/6/2004 | 4/7/2005 | 11/25/2008 |
| | | 10/752,744 | ABANDONED | US | UTL | System and Method for Presenting Non-Broadcast Content on a Broadcast-Based Device | 8/29/2003 | 1/6/2004 | 4/7/2005 | |
| | US-2005-0050576-A1 | 10/752,761 | ABANDONED | US | UTL | System and method for integrating broadcast content and non-broadcast content in an interface | 8/29/2003 | 1/6/2004 | 3/3/2005 | |
| | US 2005-0076363 A1 | 10/752,762 | ABANDONED | US | UTL | System and Method for Navigation of a Multimedia Interface | 8/29/2003 | 1/6/2004 | 4/4/2005 | |
| | US-2005-0050022-A1 | 10/752,823 | ABANDONED | US | UTL | System and Method for Searching Content Using a Multimedia Interface | 8/29/2003 | 1/6/2004 | 3/3/2005 | |
| | US 2005-0076364 A1 | 10/752,824 | ABANDONED | US | UTL | System and Method for Customizing a Multimedia Interface | 8/29/2003 | 1/6/2004 | 4/7/2005 | |
| | US 2005-0076383 A1 | 10/752,739 | ABANDONED | US | UTL | System and Method for Providing a User Interface | 8/29/2003 | 1/6/2004 | 4/7/2005 | |
| 7,516,092 | US-2008-0033840-A1 | 11/867,863 | ISSUED | US | UTL | System and Method for Performing Purchase Transactions Utilizing a Broadcast-Based Device | 8/29/2003 | 10/5/2007 | 2/7/2008 | 4/7/2009 |
| | US 2005-0171954 A1 | 10/946,630 | ABANDONED | US | UTL | Selective Electronic Messaging Within An Online Social Network For Spam Detection | 1/29/2004 | 9/21/2004 | 8/4/2005 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/392,174 | CONV PRV | US | PRV | SYSTEM AND METHOD FOR TRANSMITTING IMAGES BETWEEN INTERCOMMUNICATING USERS | 6/26/2002 | 6/26/2002 | | |
| 7,509,377 | US 2005-0033806 A1 | 10/609,183 | ISSUED | US | UTL | System And Method For Communicating Images Between Intercommunicating Users | 6/26/2002 | 6/26/2003 | 2/10/2005 | 3/24/2009 |
| | | 60/588,182 | CONV PRV | US | PRV | Systems and Methods for Implementing Person-to-Person Money Exchange | 7/14/2004 | 7/14/2004 | | |
| | US-2006-0015453-A1 | 10/990,775 | ABANDONED | US | UTL | Systems and Methods for Implementing Person-to-Person International Money Exchanges | 7/14/2004 | 11/16/2004 | 1/19/2006 | |
| | US-2006-0015452-A1 | 10/990,774 | ABANDONED | US | UTL | Systems and Methods for Implementing Account-to-Account International Money Exchanges | 7/14/2004 | 11/16/2004 | 1/19/2006 | |
| | US-2009-0192932-A1 | 12/416,862 | ABANDONED | US | UTL | Systems and Methods for Performing International Money Exchanges | 7/14/2004 | 4/1/2009 | 7/30/2009 | |
| | | 60/518,897 | CONV PRV | US | PRV | Upload Security Scheme | 11/10/2003 | 11/10/2003 | | |
| | 2005-0102638 A1 | 10/970,862 | ABANDONED | US | UTL | Navigate, Click and Drag Images In Mobile Applications | 11/10/2003 | 10/22/2004 | 5/12/2005 | |
| 7,797,529 | 2005-0102381 A1 | 10/934,645 | ISSUED | US | UTL | Upload Security Scheme | 11/10/2003 | 9/2/2004 | 5/12/2005 | 9/14/2010 |
| 9,021,249 | 2011-0061099 A1 | 12/878,312 | ISSUED | US | UTL | Upload Security Scheme | 11/10/2003 | 9/9/2010 | 3/10/2011 | 4/28/2015 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 20050027705 A1 | 10/849,083 | ABANDONED | US | UTL | Mapping Method and System | 5/20/2003 | 5/19/2004 | 2/3/2005 | |
| | | 10/973,514 | ABANDONED | US | UTL | Method of Indexing Categories for Efficient Searching and Ranking | 10/26/2004 | 10/26/2004 | | |
| | | 60/607,899 | CONV PRV | US | PRV | Interface for Messenger System | 9/8/2004 | 9/8/2004 | | |
| 7,587,482 | US 2006-0053379 A1 | 11/221,994 | ISSUED | US | UTL | Multimodal Interface for Mobile Messaging | 9/8/2004 | 9/7/2005 | 3/9/2006 | 9/8/2009 |
| | | 60/460,707 | CONV PRV | US | PRV | Method and system for image verification to prevent email abuse | 4/4/2003 | 4/4/2003 | | |
| 7,856,477 | US20040199597A1 | 10/817,126 | ISSUED | US | UTL | Method and system for image verification to prevent messaging abuse | 4/4/2003 | 4/2/2004 | 10/7/2004 | 12/21/2010 |
| | | 60/633,295 | CONV PRV | US | PRV | System and Method for Providing Multimedia Functionality with Really Simple Syndication (RSS) | 12/3/2004 | 12/3/2004 | | |
| | US 2006-0129907 A1 | 11/291,401 | ABANDONED | US | UTL | Syndicating Multimedia Information with RSS | 12/3/2004 | 12/1/2005 | 6/15/2006 | |
| | US 2006-0129917 A1 | 11/291,402 | ABANDONED | US | UTL | Syndicating multiple media objects with RSS | 12/3/2004 | 12/1/2005 | 6/15/2006 | |
| | US 2006-0129916 A1 | 11/291,169 | ABANDONED | US | UTL | RSS Rendering Via a Media Player | 12/3/2004 | 12/1/2005 | 6/15/2006 | |
| | | 60/637,978 | CONV PRV | US | PRV | Mail Toolbar | 12/20/2004 | 12/20/2004 | | |
| | US-2006-0168056-A1 | 11/223,138 | ABANDONED | US | UTL | System and Method for Providing Improved Access to Spam-control Feature in Mail-Enabled Application | 12/20/2004 | 9/12/2005 | 7/27/2006 | |
| 7,836,064 | US-2006-0136420-A1 | 11/256,000 | ISSUED | US | UTL | System And Method For Providing Improved Access To A Search Tool In Electronic Mail-Enabled Applications | 12/20/2004 | 10/24/2005 | 6/22/2006 | 11/16/2010 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | US 2006-0155759 A1 | 11/027,818 | ABANDONED | US | UTL | Scalable Cache Layer for Accessing Blog Content | 12/29/2004 | 12/29/2004 | 7/13/2006 | |
| | | 60/622,416 | CONV PRV | US | PRV | Traffic Messaging System | 10/26/2004 | 10/26/2004 | | |
| | 20070005782 | 11/112,316 | ABANDONED | US | UTL | Traffic Messaging System | 10/26/2004 | 4/21/2005 | 1/4/2007 | |
| | | 60/622,469 | CONV PRV | US | PRV | System and Method for Facilitating Multimedia Viewing, Searching and Commerce | 10/26/2004 | 10/26/2004 | | |
| 8,930,358 | | 11/104,175 | ISSUED | US | UTL | System and Method for Presenting Search Results | 10/26/2004 | 4/11/2005 | 5/4/2006 | 1/6/2015 |
| 8,250,599 | US 2006-0090185 A1 | 11/104,326 | ISSUED | US | UTL | System and method for providing time-based content | 10/26/2004 | 4/11/2005 | 4/27/2006 | 8/21/2012 |
| | | 11/104,322 | ABANDONED | US | UTL | System and method for presenting information | 10/26/2004 | 4/11/2005 | 4/27/2006 | |
| 8,015,184 | | 11/104,251 | ISSUED | US | UTL | Method and apparatus for a search-enabled remote control device | 10/26/2004 | 4/11/2005 | 4/27/2006 | 9/6/2011 |
| | 2011-0282902 A1 | 13/189,785 | PUBLISHED | US | UTL | Method and apparatus for a search-enabled remote control device | 10/26/2004 | 7/25/2011 | 11/17/2011 | |
| 8,732,747 | 2012-0192228 A1 | 13/435,803 | ISSUED | US | UTL | System and method for providing time-based content | 10/26/2004 | 3/30/2012 | 7/26/2012 | 5/20/2014 |
| | 2014-0130088 A1 | 14/151,343 | PUBLISHED | US | UTL | System and Method for Providing Time-Based Content | 10/26/2004 | 1/9/2014 | 5/8/2014 | |
| | 2015-0120449 A1 | 14/589,803 | PUBLISHED | US | UTL | System and Method for Presenting Search Results | 10/26/2004 | 1/5/2015 | 4/30/2015 | |
| | US 2005-0021461 A1 | 10/625,082 | ABANDONED | US | UTL | Term-Based Concept Market | 7/22/2003 | 7/22/2003 | 1/27/2005 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 7,512,622 | 2004-0254956 A1 | 10/459,341 | ABANDONED | US | UTL | Method and Apparatus for Organizing and Playing Data | 6/11/2003 | 6/11/2003 | 12/16/2004 | 3/31/2009 |
| 7,574,448 | 2004-0254958 A1 | 10/670,099 | ISSUED | US | UTL | Method and Apparatus for Organizing and Playing Data | 6/11/2003 | 9/22/2003 | 12/16/2004 | 8/11/2009 |
| 8,606,828 | US-2009-0177968-A1 | 12/401,340 | ISSUED | US | UTL | Method and Apparatus for Organizing and Playing Data | 6/11/2003 | 3/10/2009 | 7/9/2009 | 12/10/2013 |
| 8,041,750 | 2009-0271706 A1 | 12/496,951 | ISSUED | US | UTL | Method and Apparatus for Organizing and Playing Data | 6/11/2003 | 7/2/2009 | 10/29/2009 | 10/18/2011 |
| 7,512,622 | | 95/001,795 | EXPIRED | US | UTL | Method and Apparatus for Organizing and Playing Data | 6/11/2003 | 10/26/2011 | | 12/2/2013 |
| 9,015,206 | 2013-0080906 A1 | 13/619,188 | ISSUED | US | UTL | Method and Apparatus for Organizing and Playing Data | 6/11/2003 | 9/14/2012 | 3/28/2013 | 4/21/2015 |
| | | 60/369,890 | EXPIRED | US | PRV | ASSOCIATING AND LINKING ALBUM TAGS, TABLE OF CONTENTS DATA, AND OTHER COMPACT DISK DATA | 4/3/2002 | 4/3/2002 | | |
| | | 60/502,162 | EXPIRED | US | PRV | Online music purchasing | 9/10/2003 | 9/10/2003 | | |
| | | 60/431,257 | EXPIRED | US | PRV | AUTOMATIC GENERATION OF RADIO STATION PROGRAMMING | 12/6/2002 | 12/6/2002 | | |
| | | 60/245,689 | EXPIRED | US | PRV | CONTENT RELATED WALLPAPER | 11/2/2000 | 11/2/2000 | | |
| | | 10/291,853 | ABANDONED | US | UTL | FILE SPLITTING, SCALABLE CODING, AND ASYNCHRONOUS TRANSMISSION IN STREAMED DATA TRANSFER | 11/9/2001 | 11/7/2002 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/641,787 | CONV PRV | US | PRV | System and Method For Extending Online Services to Other Platforms | 1/5/2005 | 1/5/2005 | | |
| | US-2006-0184579-A1 | 11/327,665 | ABANDONED | US | UTL | Framework For Providing Ancillary Content In A Television Environment | 1/5/2005 | 1/5/2006 | 8/17/2006 | |
| | | 60/641,717 | CONV PRV | US | PRV | System and Method For Accessing Personalized Multimedia Content | 1/5/2005 | 1/5/2005 | | |
| 8,381,240 | 2007-0101368 A1 | 11/261,436 | ISSUED | US | UTL | FRAMEWORK FOR PROVIDING DIGITAL HOME SERVICES | 1/5/2005 | 10/27/2005 | 5/3/2007 | 2/19/2013 |
| 8,230,456 | 2006-0271997 A1 | 11/327,198 | ISSUED | US | UTL | Framework For Delivering A Plurality Of Content And Providing For Interaction With The Same In A Television Environment | 1/5/2005 | 1/5/2006 | 11/30/2007 | 7/24/2012 |
| | US-2006-0271959-A1 | 11/497,911 | ABANDONED | US | UTL | System And Method For Enabling A User To Control A Context Of A Client Device Of A Buddy In A Social Network | 1/5/2005 | 8/1/2006 | 11/30/2006 | |
| | US-2006-0271953-A1 | 11/497,864 | ABANDONED | US | UTL | System And Method For Delivering Personalized Advertisements | 1/5/2005 | 8/1/2006 | 11/30/2007 | |
| | US-2006-0271960-A1 | 11/497,913 | ABANDONED | US | UTL | System and method for allowing users to engage in a "movie theater" viewing experience in a distributed environment | 1/5/2005 | 8/1/2006 | 11/30/2007 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,943,538 | US-2006-0271961-A1 | 11/498,459 | ISSUED | US | UTL | System And Method For Tagging Content And Delivering The Tag To Buddies Of A Given User | 1/5/2005 | 8/2/2006 | 11/30/2006 | 1/27/2015 |
| 8,402,506 | US-2007-0006277-A1 | 11/327,188 | ISSUED | US | UTL | Informational Alert Messaging For Digital Home Services | 1/5/2005 | 1/5/2006 | 1/4/2007 | 3/19/2013 |
| 9,661,389 | 2013-0145389 A1 | 13/751,727 | ISSUED | US | UTL | Framework for Providing Digital Home Services | 1/5/2005 | 1/28/2013 | 6/6/2013 | 5/23/2017 |
| 9,686,590 | 2015-0172729 A1 | 14/604,919 | ISSUED | US | UTL | System and Method for Tagging Content and Delivering the Tag to Buddies of a Given User | 1/5/2005 | 1/26/2015 | 6/18/2015 | 6/20/2017 |
| | | 60/661,541 | EXPIRED | US | PRV | Antibot Login Display for Instant Messaging System | 3/14/2005 | 3/14/2005 | | |
| | | 60/661,544 | CONV PRV | US | PRV | Method and System for Premium Access | 3/14/2005 | 3/14/2005 | | |
| | 2006-0282386 A1 | 11/375,802 | PUBLISHED | US | UTL | Method and System for Premium Access | 3/14/2005 | 3/14/2006 | 12/14/2006 | |
| 7,831,834 | US-2006-0206713-A1 | 11/080,734 | ISSUED | US | UTL | ASSOCIATING A POSTMARK WITH A MESSAGE TO INDICATE TRUST | 3/14/2005 | 3/14/2005 | 9/14/2006 | 11/9/2010 |
| 7,707,292 | US-2006-0230112-A1 | 11/084,769 | ISSUED | US | UTL | Method for Signing into a Mobile Device Over a Network | 3/18/2005 | 3/18/2005 | 10/12/2006 | 4/27/2010 |
| | US 2006-0252435 A1 | 11/084,821 | ABANDONED | US | UTL | Enabling Application Wakeup on a Mobile Device with a Hybrid Client | 3/18/2005 | 3/18/2005 | 11/9/2006 | |
| | | 60/661,280 | CONV PRV | US | PRV | System and Method for Improved Job Seeking | 3/11/2005 | 3/11/2005 | | |
| | US-2006-0206517-A1 | 11/372,528 | ABANDONED | US | UTL | System and method for listing administration | 3/11/2005 | 3/11/2006 | 9/14/2006 | |

PATENT
REEL: 058534 FRAME: 0254

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/666,532 | CONV PRV | US | PRV | Multiple Window Browser Interface and System and Method for Generating Multiple Window Browser Interface | 3/30/2005 | 3/30/2005 | | |
| | US-2006-0224951-A1 | 11/254,126 | ABANDONED | US | UTL | Multiple Window Browser Interface and System and Method for Generating Multiple Window Browser Interface | 3/30/2005 | 10/19/2005 | 10/5/2006 | |
| | | 60/667,837 | EXPIRED | US | PRV | Video Game Application | 4/1/2005 | 4/1/2005 | | |
| 7,308,261 | US-2006-0240824-A1 | 11/115,080 | ISSUED | US | UTL | Method for Quick Registration from a Mobile Device | 4/25/2005 | 4/25/2005 | 10/26/2006 | 12/11/2007 |
| | | 60/662,306 | CONV PRV | US | PRV | Interactive Feature Selection | 3/18/2005 | 3/18/2005 | | |
| | 20060212142 | 11/376,989 | ABANDONED | US | UTL | System and Method for Providing Interactive Feature Selection for Training a Document Classification System | 3/16/2005 | 3/15/2006 | 9/21/2006 | |
| | US-2006-0256772 | 11/128,646 | ABANDONED | US | UTL | Selecting A Network For Routing Real-Time Audio | 5/12/2005 | 5/12/2005 | 11/16/2006 | |
| | | 60/674,109 | CONV PRV | US | PRV | Generation and use of metadata for media objects | 4/21/2005 | 4/21/2005 | | |
| | 2006-0242178 A1 | 11/350,635 | PUBLISHED | US | UTL | MEDIA OBJECT METADATA ASSOCIATION AND RANKING | 4/21/2005 | 2/8/2006 | 10/26/2006 | |
| 8,732,175 | US-2006-0242139-A1 | 11/350,981 | ISSUED | US | UTL | Interestingness Ranking of Media Objects | 4/21/2005 | 2/8/2006 | 10/26/2006 | 5/20/2014 |

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REEL: 058534 FRAME: 0255

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2010-0057555 A1 | 12/555,706 | PUBLISHED | US | UTL | Media Object Metadata Association and Ranking | 4/21/2005 | 9/8/2009 | 3/4/2010 | |
| | 2012-0317110 A1 | 13/593,112 | PUBLISHED | US | UTL | INTERESTINGNESS RANKING OF MEDIA OBJECTS | 4/21/2005 | 8/23/2012 | 12/13/2012 | |
| | US-2006-0259511-A1 | 11/129,697 | ABANDONED | US | UTL | Media Object Organization Across Information Management Services | 5/13/2005 | 5/13/2005 | 11/16/2006 | |
| | | 60/680,700 | CONV PRV | US | PRV | REDIRECTION AND INVITATION FOR ACCESSING AN ONLINE SERVICE | 5/13/2005 | 5/13/2005 | | |
| | 2006/0259632 | 11/383,179 | ABANDONED | US | UTL | REDIRECTION AND INVITATION FOR ACCESSING AN ONLINE SERVICE | 5/13/2005 | 5/12/2006 | 11/16/2006 | |
| | | 60/681,202 | CONV PRV | US | PRV | PROXY FOR ENABLING COMMUNICATION BETWEEN MOBILE DEVICE AND GAME SERVICE | 5/13/2005 | 5/13/2005 | | |
| | 2006/0259623 | 11/383,178 | ABANDONED | US | UTL | Proxy For Enabling Communication Between Mobile Device And Game Service | 5/13/2005 | 5/12/2006 | 11/16/2006 | |
| | | 60/680,702 | CONV PRV | US | PRV | ANALYZER FOR DATA RELATING TO NETWORKED GAMES | 5/13/2005 | 5/13/2005 | | |
| | 2006/0258416 | 11/383,176 | ABANDONED | US | UTL | Analyzer For Data Relating To Networked Games | 5/13/2005 | 5/12/2006 | 11/16/2006 | |
| | | 60/681,201 | CONV PRV | US | PRV | DETECTING INTERACTION WITH AN ONLINE SERVICE | 5/13/2005 | 5/13/2005 | | |

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REEL: 058534 FRAME: 0256

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2006-0258461 | 11/383,184 | ABANDONED | US | UTL | DETECTING INTERACTION WITH AN ONLINE SERVICE | 5/13/2005 | 5/12/2006 | 11/15/2006 | |
| | | 60/686,716 | CONV PRV | US | PRV | Fast Tracking Algorithm for Generalized LARS/LASSO | 6/1/2005 | 6/1/2005 | | |
| | US-2006-0276996-A1 | 11/446,345 | ABANDONED | US | UTL | A Fast Tracking System And Method For Generalized Lars/Lasso | 6/1/2005 | 6/1/2006 | 12/7/2006 | |
| | | 60/688,121 | CONV PRV | US | PRV | Dynamically generating content based on capabilities of a mobile device | 6/7/2005 | 6/7/2005 | | |
| | 20060274869 | 11/407,451 | ABANDONED | US | UTL | Dynamically generating content based on capabilities of a mobile device | 6/7/2005 | 4/19/2006 | 12/7/2006 | |
| | | 60/688,122 | CONV PRV | US | PRV | PROVIDING RELEVANT NON-REQUESTED CONTENT TO A MOBILE DEVICE | 6/7/2005 | 6/7/2005 | | |
| 8,732,234 | 2006-0277308 A1 | 11/422,539 | ISSUED | US | UTL | Providing Relevant Non-Requested Content to a Mobile Device | 6/7/2005 | 6/6/2006 | 12/7/2006 | 5/20/2014 |
| 8,463,869 | US-2008-0200161-A1 | 12/111,115 | ISSUED | US | UTL | Providing Relevant Non-Requested Content To A Mobile Device | 6/7/2005 | 4/28/2008 | 8/21/2008 | 6/11/2013 |
| 9,049,250 | 2013-0238753 A1 | 13/870,530 | ISSUED | US | UTL | Providing Relevant Non-Requested Content to a Mobile Device | 6/7/2005 | 4/25/2013 | 9/12/2013 | 6/2/2015 |
| 9,344,523 | 2014-0214878 A1 | 14/230,337 | ISSUED | US | UTL | Providing Relevant Non-Requested Content to a Mobile Device | 6/7/2005 | 3/31/2014 | 7/31/2014 | 5/17/2016 |
| | 2016-0247197 A1 | 15/145,116 | PUBLISHED | US | UTL | Providing Relevant Non-Requested Content to a Mobile Device | 6/7/2005 | 5/3/2016 | 8/25/2016 | |

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REEL: 058534 FRAME: 0257

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/688,123 | CONV PRV | US | PRV | PREFETCHING CONTENT BASED ON A MOBILE USER PROFILE | 6/7/2005 | 6/7/2005 | | |
| | US-2006-0277271-A1 | 11/422,536 | ABANDONED | US | UTL | PREFETCHING CONTENT BASED ON A MOBILE USER PROFILE | 6/7/2005 | 6/6/2006 | 12/7/2006 | |
| | US-2007-0083537-A1 | 11/292,046 | ABANDONED | US | UTL | A Method Of Creating A Media Item Portion Database | 10/10/2005 | 11/30/2005 | 4/12/2007 | |
| | US-2007-0083380-A1 | 11/247,015 | ABANDONED | US | UTL | A Data Container and Set of Metadata for Association with a Media Item and Composite Media Items | 10/10/2005 | 10/10/2005 | 4/12/2007 | |
| | US-2007-0094139-A1 | 11/453,958 | ABANDONED | US | UTL | A Media Item Payment System And Associated Method Of Use | 10/10/2005 | 6/14/2006 | 4/26/2007 | |
| | US-2007-0083558-A1 | 11/453,476 | ABANDONED | US | UTL | A MEDIA ITEM REGISTRY AND ASSOCIATED METHODS OF REGISTERING A RIGHTS HOLDER AND A MEDIA ITEM | 10/10/2005 | 6/14/2006 | 4/12/2007 | |
| | US-2008-0065617-A1 | 11/207,675 | ABANDONED | US | UTL | Search Entry System with Query Log Autocomplete | 8/18/2005 | 8/18/2005 | 3/13/2008 | |
| | US-2007-0043706-A1 | 11/207,676 | ABANDONED | US | UTL | Search History Visual Representation | 8/18/2005 | 8/18/2005 | 2/22/2007 | |
| | | 60/683,216 | CONV PRV | US | PRV | SYSTEM AND METHOD FOR SELECTING AND MANAGING FILES | 5/20/2005 | 5/20/2005 | | |
| | 20060265458 | 11/202,670 | ABANDONED | US | UTL | System and Method for Selecting and Managing Files | 5/20/2005 | 8/12/2005 | 11/23/2006 | |
| | US-2006-0265390-A1 | 11/202,724 | ABANDONED | US | UTL | System and Method for Selecting and Managing Files | 5/20/2005 | 8/12/2005 | 11/23/2006 | |

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REEL: 058534 FRAME: 0258

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/683,219 | CONV PRV | US | PRV | SYSTEM AND METHOD FOR SELECTING AND MANAGING FILES | 5/20/2005 | 5/20/2005 | | |
| | US 2007-0174286 A1 | 11/251,784 | ABANDONED | US | UTL | Systems And Methods For Providing Features And User Interface In Network Browsing Application | 5/17/2005 | 10/18/2005 | 7/26/2007 | |
| | US-2006-0265472-A1 | 11/434,935 | ABANDONED | US | UTL | Systems And Methods For Providing Short Message Service Features And User Interfaces Therefor In Network Browsing Applications | 5/17/2005 | 5/17/2006 | 11/23/2006 | |
| | US-2006-0265481-A1 | 11/434,893 | ABANDONED | US | UTL | Systems And Methods For Providing Features And User Interfaces Therefor In Network Browsing Applications | 5/17/2005 | 5/17/2006 | 11/23/2006 | |
| 7,245,929 | US 2007-0010265 A1 | 11/175,988 | ISSUED | US | UTL | ENABLING TEXT MESSAGING BETWEEN A MEMBER AND NON-MEMBER OF A COMMUNITY BASED ON A COMMON SHORT CODE | 7/5/2005 | 7/5/2005 | 1/11/2007 | 7/17/2007 |
| | US-2007-0014243-A1 | 11/182,663 | ABANDONED | US | UTL | SYSTEM AND METHOD FOR PROVISIONING A USER DEVICE | 7/14/2005 | 7/14/2005 | 1/18/2007 | |
| | 20070028000 | 11/264,121 | ABANDONED | US | UTL | Content Router Processing | 7/14/2005 | 10/31/2005 | 2/1/2007 | |
| | 2007-0014278 A1 | 11/264,435 | ABANDONED | US | UTL | Content Router Core Variants | 7/14/2005 | 10/31/2005 | 1/18/2007 | |
| 8,024,290 | 20080146194 | 11/273,891 | ISSUED | US | UTL | Data Synchronization and device handling | 11/14/2005 | 11/14/2005 | 6/19/2008 | 9/20/2011 |
| 7,849,199 | 2007-0014303 A1 | 11/182,287 | ISSUED | US | UTL | Content Router | 7/14/2005 | 7/14/2005 | 1/18/2007 | 12/7/2010 |

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REEL: 058534 FRAME: 0259

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2007-0014277-A1 | 11/182,665 | ABANDONED | US | UTL | Content Router Repository | 7/14/2005 | 7/14/2005 | 1/18/2007 | |
| | US-2007-0016632-A1 | 11/182,203 | ABANDONED | US | UTL | System and Method for Synchronizing Between a User Device and a Server in a Communication Network | 7/14/2005 | 7/14/2005 | 1/18/2007 | |
| | US-2007-0014307-A1 | 11/182,331 | ABANDONED | US | UTL | CONTENT ROUTER FORWARDING | 7/14/2005 | 7/14/2005 | 1/18/2007 | |
| | US-2007-0038703-A1 | 11/183,073 | ABANDONED | US | UTL | Content Router Gateway | 7/14/2005 | 7/14/2005 | 2/15/2007 | |
| | | 60/497,794 | CONV PRV | US | PRV | METHOD AND SYSTEM FOR AUTHENTICATING A MESSAGE SENDER USING DOMAIN KEYS | 8/26/2003 | 8/26/2003 | | |
| 6,986,049 | 20050039017A1 | 10/671,319 | ISSUED | US | UTL | Method and System for Authenticating a Message Sender Using DomainKeys | 8/26/2003 | 9/24/2003 | 2/17/2005 | 1/10/2006 |
| 7,313,700 | 20050039019A1 | 10/805,181 | ISSUED | US | UTL | Method and System for Authenticating a Message Sender Using Domain Keys | 8/26/2003 | 3/19/2004 | 2/17/2005 | 12/25/2007 |
| | | 60/693,658 | ABANDONED | US | PRV | CONTEXTUAL PROBLEMS | 6/24/2005 | 6/24/2005 | | |
| 5,983,227 | | 08/873,975 | EXPIRED | US | UTL | Dynamic Page Generator | 6/12/1997 | 6/12/1997 | | 11/9/1999 |
| 7,171,414 | | 09/393,718 | EXPIRED | US | UTL | Dynamic Page Generator | 6/12/1997 | 9/10/1999 | | 1/30/2007 |
| 7,565,359 | US-2007-0118796A1 | 11/656,636 | EXPIRED | US | UTL | Dynamic Page Generator | 6/12/1997 | 1/22/2007 | 5/24/2007 | 7/21/2009 |
| 8,352,854 | US-2008-0028295-A1 | 11/842,095 | EXPIRED | US | UTL | Dynamic Page Generator | 6/12/1997 | 8/20/2007 | 1/31/2008 | 1/8/2013 |
| | 2008-0046826 A1 | 11/933,135 | EXPIRED | US | UTL | Dynamic Page Generator | 6/12/1997 | 10/31/2007 | 2/21/2008 | |
| 9,626,342 | 2013-1079277 A1 | 13/724,453 | EXPIRED | US | UTL | Dynamic Page Generator | 6/12/1997 | 12/21/2012 | 7/11/2013 | 4/18/2017 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | US 2005-0050301 A1 | 10/652,379 | ABANDONED | US | UTL | Extensible User Interface | 8/29/2003 | 8/29/2003 | 3/3/2005 | |
| | US 2002-0023123 A1 | 09/360,901 | ABANDONED | US | UTL | GEOGRAPHIC DATA LOCATOR | 7/26/1999 | 7/26/1999 | 2/21/2002 | |
| 7,409,384 | US 2005-0234885 A1 | 10/828,514 | ISSUED | US | UTL | Integration of instant messenging with Internet searching | 4/19/2004 | 4/19/2004 | 10/20/2005 | 8/5/2008 |
| 8,001,102 | US-2008-0288467-A1 | 12/167,147 | ISSUED | US | UTL | Integration of instant messenging with Internet searching | 4/19/2004 | 7/2/2008 | 11/20/2008 | 8/16/2011 |
| | US-2005-0125408-A1 | 10/718,869 | ABANDONED | US | UTL | Listing Service Tracking System and Method for Tracking a User's Interaction with a Listing Service | 10/20/2003 | 11/20/2003 | 6/9/2005 | |
| 5,164,899 | | 07/345,930 | EXPIRED | US | UTL | Method and Apparatus for Computer Understanding and Manipulation of Minimally Formatted Text Documents | 5/1/1989 | 5/1/1989 | | 11/17/1992 |
| 6,910,180 | | 09/309,161 | ISSUED | US | UTL | Removing Cookies from Web Page Response Headers and Storing the Cookies in a Repository for Later Use (formerly: METHOD AND APPARATUS FOR PROXY SERVER COOKIES) | 5/10/1999 | 5/10/1999 | | 6/21/2005 |
| | 20030023754 | 09/916,543 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR ADDING REAL-TIME INTERACTIVE FUNCTIONALITY TO A WEB-PAGE | 7/27/2001 | 7/27/2001 | 1/30/2003 | |
| | US 2005-0166053 A1 | 10/767,004 | ABANDONED | US | UTL | Method and System for Associating a Signature with a Mobile Device | 1/28/2004 | 1/28/2004 | 7/28/2005 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 7,346,630 | 2005-0027676A1 | 10/866,066 | ISSUED | US | UTL | Method and System for Delivery Alerts to a User | 6/11/2004 | 6/11/2004 | 2/3/2005 | 3/18/2008 |
| 6,903,779 | | 09/859,564 | ISSUED | US | UTL | METHOD AND SYSTEM FOR DISPLAYING RELATED COMPONENTS OF A MEDIA STREAM THAT HAS BEEN TRANSMITTED OVER A COMPUTER NETWORK | 5/16/2001 | 5/16/2001 | 11/21/2002 | 6/7/2005 |
| | 2005-0193002 A1 | 10/789,869 | PUBLISHED | US | UTL | Method and system for generating recommendations | 2/26/2004 | 2/26/2004 | 9/14/2005 | |
| | | 10/850,642 | ABANDONED | US | UTL | Method and system for providing a disposable email address | 5/21/2004 | 5/21/2004 | 2/23/2006 | |
| | | 11/138,549 | ABANDONED | US | UTL | Method and System for Launching Applications From a Button of a Browser | 8/12/2003 | 5/25/2005 | 12/15/2005 | |
| | | 60/705,664 | CONV PRV | US | PRV | INTERACTION STORYBOARDS | 8/3/2005 | 8/3/2005 | | |
| | | 60/370,928 | CONV PRV | US | PRV | METHOD AND SYSTEM FOR PROVIDING ON-LINE GAMES | 4/4/2002 | 4/4/2002 | | |
| | 20030190960-A1 | 10/406,878 | ABANDONED | US | UTL | Method and system for providing access to and administering online gaming leagues and tournaments | 4/4/2002 | 4/4/2003 | 10/9/2003 | |
| 7,428,579 | 20060031313 | 10/856,007 | ISSUED | US | UTL | METHOD AND SYSTEM FOR SEGMENTATION OF A MESSAGE INBOX | 5/27/2004 | 5/27/2004 | 2/9/2006 | 9/23/2008 |
| | US 2005-0176449 A1 | 10/772,532 | ABANDONED | US | UTL | Method and System for Simplified Access to Alerts with a Mobile Device | 2/5/2004 | 2/5/2004 | 8/11/2005 | |

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REEL: 058534 FRAME: 0262

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|---|---|---|---|---|---|---|---|---|---|---|
| 7,469,302 | US 2005-0066018 A1 | 10/651,473 | ISSUED | US | UTL | 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 | 8/29/2003 | 8/29/2003 | 3/24/2005 | 12/23/2008 |
| 7,600,046 | 2008-0270591 A1 | 12/168,046 | ISSUED | US | UTL | Event notification | 8/29/2003 | 7/3/2008 | 10/30/2008 | 10/6/2009 |
| 6,601,009 | | 09/903,888 | ISSUED | US | UTL | Method And System Of Automatic Bandwidth Detection | 7/12/2001 | 7/12/2001 | 1/23/2003 | 7/29/2003 |
| 6,813,580 | | 10/462,349 | ISSUED | US | UTL | Method And System Of Automatic Bandwidth Detection | 7/12/2001 | 6/16/2003 | 11/13/2003 | 11/2/2004 |
| | | 11/193,998 | ABANDONED | US | UTL | Method And System Of Automatic Bandwidth Detection | 7/12/2001 | 7/28/2005 | | |
| RE41,618 | US 2008-0070851 A1 | 11/592,318 | ISSUED | US | UTL | Method And System Of Automatic Bandwidth Detection | 7/12/2001 | 11/2/2006 | 3/20/2008 | 8/31/2010 |
| 7,487,441 | US-2005-0204309-A1 | 10/798,193 | ISSUED | US | UTL | Method and System of Enhanced Messaging | 3/11/2004 | 3/11/2004 | 9/15/2005 | 2/3/2009 |
| 8,799,758 | US-2009-0094511-A1 | 12/332,892 | ISSUED | US | UTL | Method and System of Enhanced Messaging | 3/11/2004 | 12/11/2008 | 4/9/2009 | 8/5/2014 |
| | US-2009-0094341 | 12/332,914 | ABANDONED | US | UTL | Method and System of Enhanced Messaging | 3/11/2004 | 12/11/2008 | 4/9/2009 | |
| | US-2009-0094512-A1 | 12/332,936 | ABANDONED | US | UTL | Method and System of Enhanced Messaging | 3/11/2004 | 12/11/2008 | 4/9/2009 | |
| | US2006/0069687A1 | 11/027,747 | ABANDONED | US | UTL | Session Continuity for Providing Content to A Remote Device | 9/28/2004 | 12/30/2004 | 3/30/2006 | |
| 7,305,483 | 20030204585 A1 | 10/132,974 | ISSUED | US | UTL | Method for the Real-Time Distribution of Streaming Data on a Network | 4/25/2002 | 4/25/2002 | 10/30/2003 | 12/4/2007 |

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REEL: 058534 FRAME: 0263

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|---|---|---|---|---|---|---|---|---|---|---|
| 7,849,128 | US-2007-0288483-A1 | 11/763,179 | ISSUED | US | UTL | Method for the Real-Time Distribution of Streaming Data on a Network | 4/25/2002 | 6/14/2007 | 12/13/2007 | 12/7/2010 |
| | | 60/263,058 | CONV PRV | US | PRV | Method and system for managing streaming media | 1/18/2001 | 1/18/2001 | | |
| 7,640,320 | 20040083273 | 10/466,132 | ISSUED | US | UTL | Method And System For Managing Digital Content, Including Streaming Media | 1/18/2001 | 7/9/2003 | 4/29/2004 | 12/29/2009 |
| | | 60/491,802 | CONV PRV | US | PRV | METHOD AND SYSTEM FOR MANAGING DIGITAL CONTENT INCLUDING STREAMING MEDIA | 1/18/2001 | 7/31/2003 | | |
| 7,849,207 | US-2004-0215718-A1 | 10/773,532 | ISSUED | US | UTL | Method and System for Managing Digital Content Including Streaming Media | 1/18/2001 | 2/6/2004 | 10/28/2004 | 12/7/2010 |
| | US-2008-0059532-A1 | 11/931,487 | ABANDONED | US | UTL | Method and System for Managing Digital Content Including Streaming Media | 1/18/2001 | 10/31/2007 | 3/6/2008 | |
| 8,595,340 | US-2008-0133701-A1 | 11/931,643 | ISSUED | US | UTL | Method and System for Managing Digital Content Including Streaming Media | 1/18/2001 | 10/31/2007 | 6/5/2008 | 11/26/2013 |
| 7,640,320 | | 95/001,794 | ISSUED | US | UTL | Method and System for Managing Digital Content, Including Streaming Media | 1/18/2001 | 10/26/2011 | | 2/11/2015 |
| | US-2007-0016636-A1 | 11/182,614 | ABANDONED | US | UTL | Methods and Systems for Data Transfer and Notification Mechanisms | 7/14/2005 | 7/14/2005 | 1/18/2007 | |

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REEL: 058534 FRAME: 0264

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0307370-A1 | 12/543,231 | ABANDONED | US | UTL | Methods and Systems for Data Transfer and Notification Mechanisms | 7/14/2005 | 8/18/2009 | 12/10/2009 | |
| | | 09/638,457 | ABANDONED | US | UTL | OFFLINE-ONLINE INCENTIVE POINTS SYSTEM AND METHOD | 8/14/2000 | 8/14/2000 | | |
| | | 09/645,645 | ABANDONED | US | UTL | Processing of Unsolicited Bulk Electronic Mail | 8/24/2000 | 8/24/2000 | | |
| 7,149,778 | | 09/774,439 | ISSUED | US | UTL | Unsolicited Electronic Mail Reduction | 8/24/2000 | 1/31/2001 | | 12/12/2006 |
| 7,395,500 | 2005/0050462 | 10/651,476 | ISSUED | US | UTL | Space-Optimizing Content Display (aka Dynamic Menu Control) | 8/29/2003 | 8/29/2003 | 3/3/2005 | 7/1/2008 |
| | 2008-0270894 A1 | 12/165,592 | PUBLISHED | US | UTL | Space-Optimizing Content Display | 8/29/2003 | 6/30/2008 | 10/30/2008 | |
| | | 60/449,805 | CONV PRV | US | PRV | System and method for conducting an advertising campaign | 2/24/2003 | 2/24/2003 | | |
| | 20050021395 | 10/620,494 | ABANDONED | US | UTL | System and method for conducting an advertising campaign | 2/24/2003 | 7/16/2003 | 1/27/2005 | |
| 7,421,454 | | 10/789,722 | ISSUED | US | UTL | Method And System For Managing Digital Content Including Streaming Media | 2/27/2004 | 2/27/2004 | 9/1/2005 | 9/2/2008 |
| 7,707,963 | 2010-0030744 A1 | 12/183,567 | ISSUED | US | UTL | Method and System for Managing Digital Content Including Streaming Media | 2/27/2004 | 7/31/2008 | 2/4/2010 | 8/2/2016 |
| 8,161,027 | 2008-0319953 A1 | 12/201,318 | ISSUED | US | UTL | Method And System For Managing Digital Content Including Streaming Media | 2/27/2004 | 8/29/2008 | 12/25/2008 | 4/17/2012 |

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REEL: 058534 FRAME: 0265

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,176,066 | US-2008-0313195-A1 | 12/201,411 | ISSUED | US | UTL | Method And System For Managing Digital Content Including Streaming Media | 2/27/2004 | 8/29/2008 | 12/18/2008 | 5/8/2012 |
| | 2016-0335282 A1 | 15/221,741 | PUBLISHED | US | UTL | Method and System for Managing Digital Content Including Streaming Media | 2/27/2004 | 7/28/2016 | 11/17/2016 | |
| 7,860,993 | US-2006-0230170-A1 | 11/094,055 | ISSUED | US | UTL | Streaming Media Content Delivery System and Method for Delivering Streaming Content | 3/30/2005 | 3/30/2005 | 10/12/2006 | 12/28/2010 |
| | | 11/592,319 | ABANDONED | US | UTL | SYSTEM AND METHOD FOR MOBILE ELECTRONIC MESSAGING | 3/1/2002 | 11/2/2006 | | |
| | | 10/723,151 | ABANDONED | US | UTL | Display System and Method | 5/9/2003 | 11/26/2003 | 11/11/2004 | |
| | US-2002-0147634-A1 | 09/773,943 | ABANDONED | US | UTL | System for Dynamic Generation of Online Streaming Media Advertisements | 1/31/2001 | 1/31/2001 | 10/10/2002 | |
| 6,651,086 | | 09/510,201 | ISSUED | US | UTL | Systems and Methods for Matching Participants to a Conversation | 2/22/2000 | 2/22/2000 | | 11/18/2003 |
| 7,120,668 | US 2004-0078432 A1 | 10/686,255 | ISSUED | US | UTL | Systems and Methods for Matching Participants to a Conversation | 2/22/2000 | 10/14/2003 | 4/22/2004 | 10/10/2006 |
| 7,363,295 | US 2005-0234883 A1 | 10/827,910 | ISSUED | US | UTL | Techniques for Inline Searching in an Instant Messenger Environment | 4/19/2004 | 4/19/2004 | 10/20/2005 | 4/22/2008 |

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REEL: 058534 FRAME: 0266

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,037,047 | 2008/0162438 | 12/040,578 | ISSUED | US | UTL | Technique for Inline Searching in an Instant Messenger Environment | 4/19/2004 | 2/29/2008 | 7/3/2008 | 10/11/2011 |
| 6,523,069 | | 09/524,319 | ISSUED | US | UTL | TRANSMISSION OF MULTICAST MEDIA BETWEEN NETWORKS | 3/13/2000 | 3/13/2000 | | 2/18/2003 |
| | US-2009-0083435-A1 | 12/238,717 | ABANDONED | US | UTL | Online Playback System With Community Bias | 7/11/2000 | 9/26/2008 | 3/26/2009 | |
| | | 09/401,898 | ABANDONED | US | UTL | Scalable Communications Systems | 9/24/1999 | 9/24/1999 | | |
| | | 09/627,723 | ABANDONED | US | UTL | Data Exchange with Computers Within a Secure Network | 7/28/2000 | 7/28/2000 | | |
| | | 09/733,331 | ABANDONED | US | UTL | Method for Managing PC to PC Audio Communications | 12/7/2000 | 12/7/2000 | | |
| | | 09/760,347 | ABANDONED | US | UTL | VOIP Call Control Proxy | 1/12/2001 | 1/12/2001 | | |
| | | 09/733,539 | ABANDONED | US | UTL | Inbound VOIP Communication System | 12/7/2000 | 12/7/2000 | | |
| | 2009-0141709 | 12/367,235 | ABANDONED | US | UTL | Method For Initiating Internet Telephone Service From A Web Page | 9/22/2000 | 2/6/2009 | 6/4/2009 | |
| | 2009-0201918 | 12/367,349 | ABANDONED | US | UTL | Method For Initiating Internet Telephone Service From A Web Page | 9/22/2000 | 2/6/2009 | 8/13/2009 | |
| | US 2003-0046151 A1 | 09/935,085 | ABANDONED | US | UTL | Dynamic Audio Advertising Updates | 8/22/2001 | 8/22/2001 | 3/6/2003 | |

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REEL: 058534 FRAME: 0267

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2007-0061195-A1 | 11/225,238 | ABANDONED | US | UTL | FRAMEWORK FOR SELECTING AND DELIVERING ADVERTISEMENTS OVER A NETWORK BASED ON COMBINED SHORT-TERM AND LONG-TERM USER BEHAVIORAL INTERESTS | 9/13/2005 | 9/13/2005 | 3/15/2007 | |
| | US-2007-0035764-A1 | 11/202,701 | ABANDONED | US | UTL | System and Method for Uploading Files | 9/9/2005 | 8/12/2005 | 2/15/2007 | |
| | 2007-0244851 A1 | 11/528,269 | ABANDONED | US | UTL | System and method for interacting with visual surrogates for real world objects | 9/27/2006 | 9/27/2006 | 10/18/2007 | |
| 7,298,714 | US-2007-0076646-A1 | 11/243,166 | ISSUED | US | UTL | Peer-to-peer message chaining for initiating a data exchange with a server | 10/4/2005 | 10/4/2005 | 4/5/2007 | 11/20/2007 |
| | 20070162524 | 11/329,704 | ABANDONED | US | UTL | Network Document Management | 1/11/2006 | 1/11/2006 | 7/12/2007 | |
| | 2008-0034008 A1 | 11/462,242 | ABANDONED | US | UTL | User Side Database | 8/3/2006 | 8/3/2006 | 2/7/2008 | |
| 8,005,806 | US-2008-0114758 | 11/600,359 | ISSUED | US | UTL | System And Method For Information Retrieval Using Context Information | 11/15/2006 | 11/15/2006 | 5/15/2008 | 8/23/2011 |
| 8,522,257 | US-2008-0115149-A1 | 11/600,670 | ISSUED | US | UTL | System and method for context information retrieval | 11/15/2006 | 11/15/2006 | 5/15/2008 | 8/27/2013 |
| 9,400,662 | 2013-0346406 A1 | 13/974,705 | ISSUED | US | UTL | System and Method for Providing Context Information | 11/15/2006 | 8/23/2013 | 12/26/2013 | 7/26/2016 |
| | US-2007-0100856-A1 | 11/256,296 | ABANDONED | US | UTL | Account Consolidation | 10/21/2005 | 10/21/2005 | 5/3/2007 | |
| | US-2007-0100960-A1 | 11/262,503 | ABANDONED | US | UTL | Managing Content for RSS Alerts over a Network | 10/28/2005 | 10/28/2005 | 5/3/2007 | |

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REEL: 058534 FRAME: 0268

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2007-0100959-A1 | 11/262,287 | ABANDONED | US | UTL | Customizing RSS Content for Use Over a Network | 10/28/2005 | 10/28/2005 | 5/3/2007 | |
| | US-2007-0100836-A1 | 11/262,501 | ABANDONED | US | UTL | User Interface For Providing Third Party Content As An RSS Feed | 10/28/2005 | 10/28/2005 | 5/3/2007 | |
| | US 2007-0110031-A1 | 11/274,431 | ABANDONED | US | UTL | AUTOMATED CONNECTION TO A VOIP SESSION | 11/15/2005 | 11/15/2005 | 5/17/2007 | |
| 7,706,263 | US-2007-0140117-A1 | 11/303,318 | ISSUED | US | UTL | Tracking and blocking of spam directed to clipping services | 12/15/2005 | 12/15/2005 | 6/21/2007 | 4/27/2010 |
| | US 2007-0124805-A1 | 11/288,577 | ABANDONED | US | UTL | Cookie With Multiple Staged Logic For Identifying An Unauthorized Type Of User | 11/29/2005 | 11/29/2005 | 5/31/2007 | |
| | | 60/724,448 | CONV PRV | US | PRV | Collapsible Itineraries | 10/7/2005 | 10/7/2005 | | |
| | US-2007-0124387-A1 | 11/286,047 | ABANDONED | US | UTL | Previous Communication Updating In Instant Messaging | 11/22/2005 | 11/22/2005 | 5/31/2007 | |
| | 2007-0133523-A1 | 11/297,981 | ABANDONED | US | UTL | REPLAY CACHING FOR SELECTIVELY PAUSED CONCURRENT VOIP CONVERSATIONS | 12/29/2005 | 12/9/2005 | 6/14/2007 | |
| 7,917,520 | US-2008-0140607A1 | 11/635,443 | ISSUED | US | UTL | Pre-Cognitive Delivery of In-Context Related Information | 12/6/2006 | 12/6/2006 | 6/12/2008 | 3/29/2011 |
| | US-2008-0155547-A1 | 11/644,812 | ABANDONED | US | UTL | Transactional Calendar | 12/22/2006 | 12/22/2006 | 6/26/2008 | |
| | | 60/673,901 | CONV PRV | US | PRV | Systems and Methods of Online Protection | 4/21/2005 | 4/21/2005 | | |
| | US-2006-0239430-A1 | 11/408,568 | ABANDONED | US | UTL | Systems and Methods of Online Protection | 4/21/2005 | 4/21/2006 | 10/26/2006 | |

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REEL: 058534 FRAME: 0269

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2008-0027913-A1 | 11/493,268 | ABANDONED | US | UTL | System and method of information retrieval engine evaluation using human judgment input | 6/25/2006 | 7/25/2006 | 1/31/2008 | |
| | | 11/411,255 | ABANDONED | US | UTL | Inactivity Based Content Switching | 4/25/2006 | 4/25/2006 | | |
| | | 29/288,435 | ABANDONED | US | DES | A Display Panel Displaying Web Browser Content and Controls | 4/25/2006 | 6/11/2007 | | |
| | | 29/339,843 | ABANDONED | US | DES | A Display Panel Displaying Web Browser Content and Controls | 4/25/2006 | 7/8/2009 | | |
| | US 2007-0112954-A1 | 11/274,432 | ABANDONED | US | UTL | EFFICIENTLY DETECTING ABNORMAL CLIENT TERMINATION | 11/15/2005 | 11/15/2005 | 5/17/2007 | |
| | US-2007-0280209-A1 | 11/422,041 | ABANDONED | US | UTL | COMBINING SELECTED AUDIO DATA WITH A VOIP STREAM FOR COMMUNICATION OVER A NETWORK | 6/2/2006 | 6/2/2006 | 12/6/2007 | |
| | | 60/226,611 | CONV PRV | US | PRV | Method and System of Intepreting and Presenting Web content Using a Voice Browser | 8/21/2000 | 8/21/2000 | | |
| | 2002-0052747 | 09/933,956 | ABANDONED | US | UTL | Method and System of Intepreting and Presenting Web content Using a Voice Browser | 8/21/2000 | 8/21/2001 | 5/2/2002 | |
| | 2008-0133215 | 11/926,915 | ABANDONED | US | UTL | Method and System of Intepreting and Presenting Web content Using a Voice Browser | 8/21/2000 | 10/29/2007 | 6/5/2008 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,403,756 | 2008-0096664 A1 | 11/495,087 | ISSUED | US | UTL | Fantasy Sports Alert Generator | 7/28/2006 | 7/28/2006 | 4/24/2008 | 3/26/2013 |
| 8,568,236 | US-2008-0026804-A1 | 11/495,074 | ISSUED | US | UTL | Fantasy Sports Agent | 7/28/2006 | 7/28/2006 | 1/31/2008 | 10/29/2013 |
| | 2008-0102911 A1 | 11/589,005 | ABANDONED | US | UTL | Integration of Personalized Fantasy Data with General Sports Content | 10/27/2006 | 10/27/2006 | 5/1/2008 | |
| | | 60/245,739 | CONV PRV | US | PRV | System and Method for Agency Based Posting and Searching for Job Openings via a Computer System and Network | 11/3/2000 | 11/3/2000 | | |
| | | 60/722,600 | CONV PRV | US | PRV | Delivering Media Via Subscription Over A Network | 9/30/2005 | 9/30/2005 | | |
| | | 60/750,724 | CONV PRV | US | PRV | SUBSCRIPTION CONTROL PANEL | 9/30/2005 | 12/14/2005 | | |
| | US-2007-0078896-A1 | 11/341,065 | ABANDONED | US | UTL | Identifying portions within media files with location tags | 9/30/2005 | 1/27/2006 | 4/5/2007 | |
| | US-2007-0078883-A1 | 11/341,976 | ABANDONED | US | UTL | Using Location Tags to Render Tagged Portions of Media File | 9/30/2005 | 1/27/2006 | 4/5/2007 | |
| | US-2007-0078898-A1 | 11/342,152 | ABANDONED | US | UTL | A SERVER-BASED SYSTEM AND METHOD FOR RETRIEVING TAGGED PORTIONS OF MEDIA FILE | 9/30/2005 | 1/27/2006 | 4/5/2007 | |
| | US-2007-0078876-A1 | 11/341,982 | ABANDONED | US | UTL | Generating A Stream Of Media Data Containing Portions Of Media Files Using Location Tags | 9/30/2005 | 1/27/2006 | 4/5/2007 | |
| | US-2007-0078897-A1 | 11/341,985 | ABANDONED | US | UTL | FILEMARKING PRE-EXISTING MEDIA FILES USING LOCATION TAGS | 9/30/2005 | 1/27/2006 | 4/5/2007 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2007-0078714-A1 | 11/347,626 | ABANDONED | US | UTL | Automatically Matching Advertisements To Media Files | 9/30/2005 | 2/2/2006 | 4/5/2007 | |
| | US-2007-0078712-A1 | 11/347,046 | ABANDONED | US | UTL | Systems for Inserting Advertisements into a Podcast | 9/30/2005 | 2/2/2006 | 4/5/2007 | |
| | US-2007-0078832-A1 | 11/424,966 | ABANDONED | US | UTL | Method and System for Using Smart Tags and a Recommendation Engine Using Smart Tags | 9/30/2005 | 6/19/2006 | 4/5/2007 | |
| | US-2007-0078713-A1 | 11/347,625 | ABANDONED | US | UTL | System for Associating an Advertisement Marker with a Media File | 9/30/2005 | 2/2/2006 | 4/5/2007 | |
| | US-2007-0079321-A1 | 11/357,256 | ABANDONED | US | UTL | PICTURE TAGGING | 9/30/2005 | 2/17/2006 | 4/5/2007 | |
| | US-2007-0077921-A1 | 11/417,610 | ABANDONED | US | UTL | Pushing Podcasts to Mobile Devices | 9/30/2005 | 5/3/2006 | 4/5/2007 | |
| 9,367,832 | 2007-0156434 A1 | 11/325,830 | ISSUED | US | UTL | Synchronizing Image Data Among Applications and Devices | 1/4/2006 | 1/4/2006 | 7/5/2007 | 6/14/2016 |
| | US-2007-0157105-A1 | 11/326,137 | ABANDONED | US | UTL | Network user database for a sidebar | 1/4/2006 | 1/4/2006 | 7/5/2007 | |
| | US-2007-0157114-A1 | 11/328,332 | ABANDONED | US | UTL | Whole Module Items In A Sidebar | 1/4/2006 | 1/9/2006 | 7/5/2007 | |
| | US-2007-0157107-A1 | 11/434,272 | ABANDONED | US | UTL | Sidebar information sharing | 1/4/2006 | 5/15/2006 | 7/5/2007 | |
| | US-2007-0157119-A1 | 11/433,992 | ABANDONED | US | UTL | Sidebar Photos | 1/4/2006 | 5/15/2006 | 7/5/2007 | |
| | US-2007-0157106-A1 | 11/433,993 | ABANDONED | US | UTL | Multiple Sidebar Module Open Status | 1/4/2006 | 5/15/2006 | 7/5/2007 | |
| | | 60/727,206 | CONV PRV | US | PRV | Interactive Mapping Method and System | 10/14/2005 | 10/14/2005 | | |
| | US-2008-0046738-A1 | 11/462,665 | ABANDONED | US | UTL | ANTI-PHISHING AGENT | 8/4/2006 | 8/4/2006 | 2/21/2008 | |
| | US-2007-0239831-A1 | 11/398,831 | ABANDONED | US | UTL | Interface for editing, binding, and displaying an annotation for a message | 4/6/2006 | 4/6/2006 | 10/11/2007 | |

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REEL: 058534 FRAME: 0272

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,507,778 | 2007-0271297 A1 | 11/437,344 | ISSUED | US | UTL | Summarization of Media Object Collections | 5/19/2006 | 5/19/2006 | 11/11/2007 | 11/29/2016 |
| | US-2007-0189333-A1 | 11/353,657 | ABANDONED | US | UTL | Time Synchronization of Digital Media | 2/13/2006 | 2/13/2006 | 8/16/2007 | |
| | 2007-0179835 | 11/347,624 | PUBLISHED | US | UTL | Syndicated Ratings and Reviews | 2/2/2006 | 2/2/2006 | 8/2/2007 | |
| | US-2008-0077568-A1 | 11/535,248 | ABANDONED | US | UTL | Talent Identification System and Method | 9/26/2006 | 9/26/2006 | 3/27/2008 | |
| | US 2007-0245020 A1 | 11/406,894 | ABANDONED | US | UTL | Publishing scheduler for online content feeds | 4/18/2006 | 4/18/2006 | 10/18/2007 | |
| | US-2007-0220048-A1 | 11/385,489 | ABANDONED | US | UTL | Limited and combined podcast subscriptions | 3/20/2006 | 3/20/2006 | 9/20/2007 | |
| | | 60/765,224 | CONV PRV | US | PRV | User Interface Systems and Methods | 2/3/2006 | 2/3/2006 | | |
| | US-2007-0186177-A1 | 11/502,758 | ABANDONED | US | UTL | Content Navigation Interfaces and Associated Methods | 2/3/2006 | 8/11/2006 | | |
| | 2007-0186186 A1 | 11/502,680 | PUBLISHED | US | UTL | Content Structures and Content Navigation Interfaces | 2/3/2006 | 8/11/2006 | 8/9/2007 | |
| | US-2007-0186173-A1 | 11/503,049 | ABANDONED | US | UTL | Instant Messenger Alerts and Organization Systems | 2/3/2006 | 8/11/2006 | 8/17/2007 | |
| D595,728 | | 29/296,164 | ISSUED | US | DES | DISPLAY PANEL WITH GRAPHICAL USER INTERFACE FOR NAVIGATING CONTENT | 10/15/2007 | 10/15/2007 | | 7/7/2009 |
| | | 60/771,154 | CONV PRV | US | PRV | A Persistent Photo Tray | 2/6/2006 | 2/6/2006 | | |
| 7,562,311 | | 11/432,037 | ISSUED | US | UTL | A Persistent Photo Tray | 2/6/2006 | 5/10/2006 | 8/9/2007 | 7/14/2009 |
| | | 60/765,990 | CONV PRV | US | PRV | Progressive Loading | 2/6/2006 | 2/6/2006 | | |
| | US-2007-0186182-A1 | 11/364,992 | ABANDONED | US | UTL | Progressive Loading | 2/6/2006 | 2/28/2006 | 8/9/2007 | |
| | US-2007- 0198363-A1 | 11/616,190 | ABANDONED | US | UTL | Method and System for Managing Pricing Structures and Delivery Channels for Rights in Files on a Network | 2/17/2006 | 12/26/2006 | 8/23/2007 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2007-0198492-A1 | 11/616,199 | ABANDONED | US | UTL | Method and System for Suggesting Prices for Rights in Files on a Network | 2/17/2006 | 12/26/2006 | 8/23/2007 | |
| | US-2008-0189283-A1 | 11/616,166 | ABANDONED | US | UTL | Method and System for Monitoring and Moderating Files on a Network | 2/17/2006 | 12/26/2006 | 8/7/2008 | |
| | US-2007-0208670-A1 | 11/616,155 | ABANDONED | US | UTL | Method and System for Selling Rights in Files on a Network | 2/17/2006 | 12/26/2006 | 9/6/2007 | |
| 8,159,457 | US-2008-0074391-A1 | 11/535,588 | ISSUED | US | UTL | Zero-Click Activation of An Application | 9/27/2006 | 9/27/2006 | 3/27/2008 | 4/17/2012 |
| 8,957,854 | US 2012-0194431 A1 | 13/447,856 | ISSUED | US | UTL | Zero-Click Activation of An Application | 9/27/2006 | 4/16/2012 | 8/2/2012 | 2/17/2015 |
| | US-2007-0219908-A1 | 11/367,232 | ABANDONED | US | UTL | Providing Syndicated Media To Authorized Users | 3/2/2006 | 3/2/2006 | 9/20/2007 | |
| | US-2007-0293322-A1 | 11/454,471 | ABANDONED | US | UTL | A System And Method for Use In A Multi-team Game | 6/16/2006 | 6/16/2006 | 12/20/2007 | |
| | US-2007-0293321-A1 | 11/454,204 | ABANDONED | US | UTL | A system and method for creating an affinity between persons and an online entity | 6/16/2006 | 6/16/2006 | 12/20/2007 | |
| | US 2008-0235580 A1 | 11/688,657 | ABANDONED | US | UTL | Browser Interpretable Document For Controlling A Plurality Of Media Players And Systems And Methods Related Thereto | 3/20/2007 | 3/20/2007 | 9/25/2008 | |
| | US-2009-0254827-A1 | 12/425,199 | ABANDONED | US | UTL | Browser Interpretable Document For Controlling A Plurality Of Media Players And Systems And Methods Related Thereto | 3/20/2007 | 4/16/2009 | 10/8/2009 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2008-0147711-A1 | 11/612,884 | ABANDONED | US | UTL | Method And System For Providing Playlist Recommendations | 12/19/2006 | 12/19/2006 | 6/19/2008 | |
| | US-2007-0283039-A1 | 11/422,540 | ABANDONED | US | UTL | Mail Application With Integrated Text Messaging Functionality | 6/6/2006 | 6/6/2006 | 12/6/2007 | |
| | US-2008-0077468-A1 | 11/463,859 | ABANDONED | US | UTL | Managing Responses To Extended Interviews To Enable Profiling Of Mobile Device Users | 8/10/2006 | 8/10/2006 | 3/27/2008 | |
| | 2008-0126960 A1 | 11/593,668 | ABANDONED | US | UTL | CONTEXT SERVER FOR ASSOCIATING INFORMATION WITH A MEDIA OBJECT BASED ON CONTEXT | 11/6/2006 | 11/6/2006 | 5/29/2008 | |
| | US 2008-0071725 A1 | 11/514,413 | ABANDONED | US | UTL | User-Converted Media Marketplace | 9/1/2006 | 9/1/2006 | 3/6/2008 | |
| | US-2008-0040374-A1 | 11/611,031 | ABANDONED | US | UTL | AUTOMATED IDENTIFICATION AND TAGGING OF PAGES SUITABLE FOR SUBSEQUENT DISPLAY WITH A MOBILE DEVICE | 8/4/2006 | 12/14/2006 | 2/14/2008 | |
| | US 2005-0144165 A1 | 10/482,947 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR PROVIDING ACCESS TO CONTENT ASSOCIATED TO AN EVENT | 7/3/2001 | 11/1/2004 | 6/30/2005 | |
| | | 09/859,562 | ABANDONED | US | UTL | Method and system for delivering a composite information stream over a computer network | 5/16/2001 | 5/16/2001 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 20030056213A1 | 10/077,282 | ABANDONED | US | UTL | Method And System For Delivering A Composite Information Stream Over A Computer Network | 5/16/2001 | 2/14/2002 | 3/20/2003 | |
| | | 60/337,120 | CONV PRV | US | PRV | METHOD AND SYSTEM FOR PROVIDING LISTENER REQUESTED MUSIC OVER A NETWORK | 12/4/2001 | 12/4/2001 | | |
| | | 60/268,514 | CONV PRV | US | PRV | METHOD AND SYSTEM FOR PRODUCING AND ADMINISTERING A WEBCAST EVENT | 2/13/2001 | 2/13/2001 | | |
| | 20040032424 A1 | 10/415,547 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR PRODUCING AND ADMINISTERING A WEBCAST EVENT | 2/13/2001 | 4/29/2003 | 2/19/2004 | |
| | | 60/491,770 | CONV PRV | US | PRV | System and method for monitoring delivery of digital content, including streaming media | 7/31/2003 | 7/31/2003 | | |
| 7,373,415 | | 10/789,644 | ISSUED | US | UTL | System and Method for Monitoring Delivery of Digital Content, including Streaming Media | 7/31/2003 | 2/27/2004 | | 5/13/2008 |
| | | 60/386,268 | CONV PRV | US | PRV | METHOD AND SYSTEM FOR PROVIDING A DYNAMICALLY CHANGING ADVERTISEMENT | 6/5/2002 | 6/5/2002 | | |
| | US 2003-0229542 A1 | 10/456,742 | ABANDONED | US | UTL | Method And System For Providing A Dynamically Changing Advertisement | 6/5/2002 | 6/5/2003 | 12/11/2003 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2002-0186255 A1 | 10/015,816 | ABANDONED | US | UTL | Method and system of facilitating on-line shopping using an internet browser | 10/28/1999 | 11/1/2001 | 12/12/2002 | |
| | 2002-0186249 A1 | 10/177,501 | ABANDONED | US | UTL | Method and system of facilitating automatic login to a web site using an internet browser | 10/28/1998 | 6/21/2002 | 12/12/2002 | |
| | 2006-0106681 A1 | 11/322,533 | ABANDONED | US | UTL | Method and system of facilitating on-line shopping using a control object and a predetermined site | 10/28/1999 | 12/30/2005 | 5/18/2006 | |
| | 2006-0122904 A1 | 11/323,094 | ABANDONED | US | UTL | Method And System Of Facilitating On-Line Shopping Using A Dynamically Controlled Browser Interface | 10/28/1999 | 12/30/2005 | 6/8/2006 | |
| | | 11/347,700 | ABANDONED | US | UTL | Method of controlling an Internet browser interface and a controllable browser interface | 10/28/1999 | 2/2/2006 | 5/25/2006 | |
| | 2006-0129937 A1 | 11/347,150 | ABANDONED | US | UTL | Method Of Controlling An Internet Browser Interface And A Controllable Browser Interface | 10/28/1999 | 2/2/2006 | 6/15/2006 | |
| | | 09/587,409 | ABANDONED | US | UTL | A METHOD AND SYSTEM FOR MANAGING THE RESOURCES OF AN APPLICATION PROGRAM | 6/2/2000 | 6/5/2000 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 20070156856 | 11/624,134 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR MANAGING THE RESOURCES OF AN APPLICATION PROGRAM | 6/2/2000 | 1/17/2007 | 7/5/2007 | |
| | | 60/467,447 | CONV PRV | US | PRV | Interactive Graphical Interface Including a Streaming Media Component and Method and System of Producing the Same | 5/2/2003 | 5/2/2003 | | |
| 8,028,233 | | 10/782,466 | ISSUED | US | UTL | Interactive Graphical Interface Including a Streaming Media Component and Method and System of Producing the Same | 2/19/2004 | 2/19/2004 | | 9/27/2011 |
| 9,582,818 | 2012-0036027 A1 | 13/211,833 | ISSUED | US | UTL | Interactive Graphical Interface Including a Streaming Media Component and Method and System of Producing the Same | 2/19/2004 | 8/17/2011 | 2/9/2012 | 2/28/2017 |
| 8,706,169 | | 11/617,283 | ISSUED | US | UTL | Interface Overlay | 12/28/2006 | 12/28/2006 | 7/3/2008 | 4/22/2014 |
| | 2014-0289647 A1 | 14/227,285 | PUBLISHED | US | UTL | Interface Overlay | 12/28/2006 | 3/27/2014 | 9/25/2014 | |
| | US-2008-0005347-A1 | 11/427,622 | ABANDONED | US | UTL | Messenger System for Publishing Podcasts | 6/29/2006 | 6/29/2006 | 1/3/2008 | |
| | US-2008-0115228-A1 | 11/560,320 | ABANDONED | US | UTL | Rights Engine | 11/15/2006 | 11/15/2006 | 5/15/2008 | |
| | US-2008-0140621-A1 | 11/609,191 | ABANDONED | US | UTL | Systems and Methods for Creating Persistent Searches | 12/11/2006 | 12/11/2006 | 6/12/2008 | |
| | 2008-0141150 A1 | 11/609,300 | PUBLISHED | US | UTL | GRAPHICAL MESSAGES | 12/11/2006 | 12/11/2006 | 6/12/2008 | |
| 8,713,439 | US-2008-0148152-A1 | 11/611,783 | ISSUED | US | UTL | Systems And Methods For Providing A Video Playlist | 12/15/2006 | 12/15/2006 | 6/19/2008 | 4/29/2014 |
| | US-2008-0111822-A1 | 11/534,591 | ABANDONED | US | UTL | Method and System for Presenting Video | 9/22/2006 | 9/22/2006 | 5/15/2008 | |

PATENT
REEL: 058534 FRAME: 0278

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 29/304,574 | ABANDONED | US | DES | PORTION OF A COMPUTER SCREEN WITH A WINDOW OR A SET OF WINDOWS TO DISPLAY COMPUTER GENERATED IMAGERY | 3/4/2008 | 3/4/2008 | | |
| | | 29/304,568 | ABANDONED | US | DES | PORTION OF A COMPUTER SCREEN WITH A WINDOW OR A SET OF WINDOWS TO DISPLAY COMPUTER GENERATED IMAGERY | 3/4/2008 | 3/4/2008 | | |
| D586,363 | | 29/305,574 | ISSUED | US | DES | TRANSITIONAL USER INTERFACE FOR A COMPUTER DISPLAY | 3/24/2008 | 3/24/2008 | | 2/10/2009 |
| 8,006,190 | US-2008-0189399-A1 | 11/555,247 | ISSUED | US | UTL | Social Namespace Addressing for Non-Unique Identifiers | 10/31/2006 | 10/31/2006 | 8/7/2008 | 8/23/2011 |
| 9,495,712 | 2011-0302263 | 13/214,043 | ISSUED | US | UTL | Social Namespace Addressing for Non-Unique Identifiers | 10/31/2006 | 8/19/2011 | 12/8/2011 | 11/15/2016 |
| | 2011-0072125 | 12/955,771 | ABANDONED | US | UTL | EMPLOYING MATCHING OF EVENT CHARACTERISTICS TO SUGGEST ANOTHER CHARACTERISTIC OF AN EVENT | 3/20/2007 | 11/29/2010 | 3/24/2011 | |
| 8,200,763 | US-2008-0120410-A1 | 11/562,827 | ISSUED | US | UTL | Enabling display of a recipient list for a group text message | 11/22/2006 | 11/22/2006 | 5/22/2008 | 6/12/2012 |
| | 2008-0189659 A1 | 11/536,387 | PUBLISHED | US | UTL | Method and System for Posting Video | 9/28/2006 | 9/28/2006 | 8/7/2008 | |
| | 2008-0153589 A1 | 11/644,170 | PUBLISHED | US | UTL | ROTISSERIE FANTASY LEAGUE VISUALIZATION TOOLS | 12/22/2006 | 12/22/2006 | 6/26/2008 | |

PATENT
REEL: 058534 FRAME: 0279

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | US-2008-0133499-A1 | 11/567,165 | ABANDONED | US | UTL | Systems and Methods for Providing Contact Information of Searched Jobseekers | 12/5/2006 | 12/5/2006 | 6/5/2008 | |
| | US-2008-0140520-A1 | 11/609,158 | ABANDONED | US | UTL | Systems And Methods For Providing Coupons | 12/11/2006 | 12/11/2006 | 6/12/2008 | |
| | US-2008-0133343-A1 | 11/567,166 | ABANDONED | US | UTL | SYSTEMS AND METHODS FOR PROVIDING CONTACT INFORMATION OF RECOMMENDED JOBSEEKERS | 12/5/2006 | 12/5/2006 | 6/5/2008 | |
| 8,671,354 | US-2008-0155436-A1 | 11/644,670 | ISSUED | US | UTL | Player Streaks and Game Data Visualization | 12/22/2006 | 12/22/2006 | 6/26/2008 | 3/11/2014 |
| | US-2008-0147611-A1 | 11/640,069 | ABANDONED | US | UTL | Meal Finder | 12/15/2006 | 12/15/2006 | 6/19/2008 | |
| | US-2008-0154879-A1 | 11/644,671 | ABANDONED | US | UTL | Method and Apparatus for Creating User-Generated Document Feedback to Improve Search Relevancy | 12/22/2006 | 12/22/2006 | 6/26/2008 | |
| 7,590,616 | 20080120288 | 11/601,449 | ISSUED | US | UTL | Collaborative-Filtering Content Model for Recommending Items | 11/17/2006 | 11/17/2006 | 5/22/2008 | 9/15/2009 |
| 7,574,422 | 2008-0120339-A1 | 11/601,447 | ISSUED | US | UTL | Collaborative-Filtering Content Model for Recommending Items | 11/17/2006 | 11/17/2006 | 5/22/2008 | 8/11/2009 |
| 7,584,171 | 2008-0120288A1 | 11/601,450 | ISSUED | US | UTL | Collaborative-Filtering Content Model for Recommending Items | 11/17/2006 | 11/17/2006 | 5/22/2008 | 9/1/2009 |
| | 20080104030 | 11/608,580 | ABANDONED | US | UTL | System and Method for Providing Customized Information Based on Userís Situation Information | 10/27/2006 | 12/8/2006 | 5/1/2008 | |

PATENT
REEL: 058534 FRAME: 0280

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 11/537,447 | ABANDONED | US | UTL | SYSTEM AND METHOD FOR MANAGING CONTENT FOR REMOTE CLIENT DEVICES | 9/29/2006 | 9/29/2006 | | |
| | | 11/537,507 | ABANDONED | US | UTL | Tokenization of Mobile Device Information Using Virtual Dictionaries | 9/29/2006 | 9/29/2006 | | |
| | | 11/537,601 | ABANDONED | US | UTL | EFFICIENT DOCUMENT PROCESSING WITH TEMPORARY INDEXING | 9/29/2006 | 9/29/2006 | | |
| 8,347,225 | US-2009-0083661-A1 | 11/861,482 | ISSUED | US | UTL | System and Method for Selectively Displaying Web Page Elements | 9/26/2007 | 9/26/2007 | 3/26/2009 | 1/1/2013 |
| | 2013-0117663 A1 | 13/722,593 | PUBLISHED | US | UTL | System and Method for Selectively Displaying Web Page Elements | 9/26/2007 | 12/20/2012 | 5/9/2013 | |
| | 2008-0125228 A1 | 11/606,717 | ABANDONED | US | UTL | Evaluation of fantasy players | 11/29/2006 | 11/29/2006 | 5/29/2008 | |
| 7,937,380 | US-2008-0154696-A1 | 11/615,544 | ISSUED | US | UTL | System and Method for Recommended Events | 12/22/2006 | 12/22/2006 | 6/26/2008 | 5/3/2011 |
| | US-2008-0155037-A1 | 11/643,068 | ABANDONED | US | UTL | Providing Real Time Information in a Visual Information Unit | 12/20/2006 | 12/20/2006 | 6/26/2008 | |
| | 20080147974 | 11/612,296 | ABANDONED | US | UTL | A Multi-Level Caching System | 12/18/2006 | 12/18/2006 | 6/19/2008 | |
| | 2008-0155396 A1 | 11/537,593 | PUBLISHED | US | UTL | Platform For Rendering Content For A Remote Device | 9/29/2006 | 9/29/2006 | 6/26/2008 | |
| | US-2008-0177825-A1 | 11/933,082 | ABANDONED | US | UTL | Server assisted device independent markup language | 9/29/2006 | 10/31/2007 | 7/24/2008 | |
| | US-2008-0127319-A1 | 11/606,825 | ABANDONED | US | UTL | Client Based Online Fraud Prevention | 11/29/2006 | 11/29/2006 | 5/29/2008 | |
| | 2008-0120178 A1 | 11/562,974 | ABANDONED | US | UTL | Methods, Systems and Apparatus for Delivery of Media | 11/22/2006 | 11/22/2006 | 5/22/2008 | |

PATENT
REEL: 058534 FRAME: 0281

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,224,359 | 20080155080 | 11/615,920 | ISSUED | US | UTL | PROVISIONING MY STATUS INFORMATION TO OTHERS IN MY SOCIAL NETWORK | 12/22/2006 | 12/22/2006 | 6/26/2008 | 7/17/2012 |
| 8,219,126 | 2010-0228826 | 12/728,178 | ISSUED | US | UTL | Provisioning My Status Information To Others In My Social Network | 12/22/2006 | 3/19/2010 | 9/9/2010 | 7/10/2012 |
| 9,083,794 | 2012-0284338 | 13/551,431 | ISSUED | US | UTL | PROVISIONING MY STATUS INFORMATION TO OTHERS IN MY SOCIAL NETWORK | 12/22/2006 | 7/17/2012 | 11/8/2012 | 7/14/2015 |
| 8,209,381 | US-2008-0177841-A1 | 11/625,193 | ISSUED | US | UTL | Dynamic Combatting of Spam and Phishing Attacks | 1/19/2007 | 1/19/2007 | 7/24/2008 | 6/26/2012 |
| | US-2008-0097966-A1 | 11/608,501 | ABANDONED | US | UTL | Apparatus and Method for Providing Regional Information Based on Location | 10/18/2006 | 12/8/2006 | 4/24/2008 | |
| | | 11/622,938 | ABANDONED | US | UTL | Method and System for Creating and Applying Dynamic Media Specification Creator and Applicator | 1/13/2006 | 1/12/2007 | 7/19/2007 | |
| | | 11/622,948 | ABANDONED | US | UTL | Method and System for Recording Edits to Media Content | 1/13/2006 | 1/12/2007 | | |
| | US-2009-0103835-A1 | 11/622,957 | ABANDONED | US | UTL | Method and System for Combining Edit Information with Media Content | 1/13/2006 | 1/12/2007 | 4/23/2009 | |
| | 20080215620 | 11/622,968 | ABANDONED | US | UTL | Method and System for Social Remixing of Media Content | 1/13/2006 | 1/12/2007 | 9/4/2008 | |

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REEL: 058534 FRAME: 0282

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2008-0016245-A1 | 11/784,843 | ABANDONED | US | UTL | Client Side Editing Application For Optimizing Editing Of Media Assets Originating From Client And Server | 4/10/2006 | 4/9/2007 | 1/17/2008 | |
| | US-2007-0239787-A1 | 11/784,918 | ABANDONED | US | UTL | Video Generation Based On Aggregate User Data | 4/10/2006 | 4/9/2007 | 10/11/2007 | |
| | US2007240072A1 | 11/786,016 | ABANDONED | US | UTL | User Interface For Editing Media Assets | 4/10/2006 | 4/9/2007 | 10/11/2007 | |
| | 20070239788 | 11/786,020 | ABANDONED | US | UTL | Topic Specific Generation And Editing Of Media Assets | 4/10/2006 | 4/9/2007 | 10/11/2007 | |
| | | 29/302,873 | ABANDONED | US | DES | Graphical User Interface for Displaying Content | 4/10/2006 | 1/25/2008 | | |
| | | 29/302,875 | ABANDONED | US | DES | Graphical User Interface for Displaying Content | 4/10/2006 | 1/25/2008 | | |
| | US-2008-0146194-A1 | 11/639,852 | ABANDONED | US | UTL | Automatic Data Back Up and Account Creation | 12/15/2006 | 12/15/2006 | 6/19/2008 | |
| | US-2009-0164482-A1 | 11/961,255 | ABANDONED | US | UTL | Methods and Systems for Optimizing Projection of Events | 12/20/2007 | 12/20/2007 | 6/25/2009 | |
| | US-2009-0164623-A1 | 11/961,297 | ABANDONED | US | UTL | Methods and Systems for Tracking Event Loss | 12/20/2007 | 12/20/2007 | 6/25/2009 | |
| | US-2008-0300894-A1 | 11/757,288 | ABANDONED | US | UTL | Television Audience Targeting Online | 6/1/2007 | 6/1/2007 | 12/4/2008 | |
| | US-2008-0140765-A1 | 11/608,230 | ABANDONED | US | UTL | EFFICIENT AND REPRODUCIBLE VISITOR TARGETING BASED ON PROPAGATION OF COOKIE INFORMATION | 12/7/2006 | 12/7/2006 | 6/12/2008 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2008-0184248-A1 | 11/668,441 | ABANDONED | US | UTL | Optimization of Job Scheduling for Resource Clusters with Access Control and Usage Reporting | 1/29/2007 | 1/29/2007 | 7/31/2008 | |
| | 2008-0306948 | 11/760,523 | ABANDONED | US | UTL | STRING AND BINARY DATA SORTING | 6/8/2007 | 6/8/2007 | 12/23/2008 | |
| 8,254,684 | US-2009-0171783-A1 | 11/968,596 | ISSUED | US | UTL | Method and System for Managing Digital Photos | 1/2/2008 | 1/2/2008 | 7/2/2009 | 8/28/2012 |
| 8,837,831 | 2012-0288201 | 13/555,815 | ISSUED | US | UTL | Method and System for Managing Digital Photos | 1/2/2008 | 7/23/2012 | 11/15/2012 | 9/16/2014 |
| | 20080232763 | 11/686,436 | ABANDONED | US | UTL | System and method for adjustment of video playback resolution | 3/15/2007 | 3/15/2007 | 9/25/2008 | |
| 7,756,936 | 20080208984 | 11/710,050 | ISSUED | US | UTL | USER INTERFACE FOR TRANSITIONING BETWEEN CHAT AND EMAIL | 2/23/2007 | 2/23/2007 | 8/28/2008 | 7/13/2010 |
| | 2008-0222256 A1 | 11/716,121 | PUBLISHED | US | UTL | Autocomplete for intergrating diverse methods of electronic communication | 3/8/2007 | 3/8/2007 | 9/11/2008 | |
| | 2009-0006115 A1 | 11/824,552 | PUBLISHED | US | UTL | Establishing and Updating Reputation Scores in Online Participatory Systems | 6/29/2007 | 6/29/2007 | 1/1/2009 | |
| | 20080221862 | 11/684,470 | ABANDONED | US | UTL | MOBILE LANGUAGE INTERPRETER WITH LOCALIZATION | 3/9/2007 | 3/9/2007 | 9/11/2008 | |
| | 2008-0313541 A1 | 11/763,388 | ABANDONED | US | UTL | METHOD AND SYSTEM FOR PERSONALIZED SEGMENTATION AND INDEXING OF MEDIA | 6/14/2007 | 6/14/2007 | 12/18/2008 | |
| | US-2008-0163317-A1 | 11/648,288 | ABANDONED | US | UTL | Generation of Video Streams From Content Items | 12/29/2006 | 12/29/2006 | 7/3/2008 | |

PATENT
REEL: 058534 FRAME: 0284

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2008-0250326-A1 | 11/732,863 | ABANDONED | US | UTL | USER-DEFINED VISUAL INDICATORS ON DYNAMIC CHARTS | 4/4/2007 | 4/4/2007 | 10/9/2008 | |
| | | 29/291,706 | ABANDONED | US | DES | GRAPHICAL USER INTERFACE FOR AN ANNOTATED DYNAMICALLY GENERATED CHART | 4/4/2007 | 9/10/2007 | | |
| | 2008-0250320-A1 | 11/903,773 | ABANDONED | US | UTL | USER-DEFINED MEDIA ANNOTATIONS ON DYNAMIC CHARTS | 4/4/2007 | 9/24/2007 | 10/9/2008 | |
| D596,645 | | 29/292,023 | ISSUED | US | DES | Graphical User Interface For A Display Screen | 9/24/2007 | 9/24/2007 | | 7/21/2009 |
| D611,947 | | 29/324,348 | ISSUED | US | DES | GRAPHICAL USER INTERFACE PROVIDING ANNOTATED ALERTS ON DYNAMICALLY GENERATED CHARTS FOR A DISPLAY SCREEN | 9/10/2008 | 9/10/2008 | | 3/16/2010 |
| D602,038 | | 29/334,912 | ISSUED | US | DES | Graphical User Interface For A Display Screen | 9/24/2007 | 4/3/2009 | | 10/13/2009 |
| 7,769,951 | US-2008-0256298-A1 | 11/786,248 | ISSUED | US | UTL | Intelligent Caching of User Data for Real Time Communications | 4/10/2007 | 4/10/2007 | 10/16/2008 | 8/3/2010 |
| | | 13/794,169 | ABANDONED | US | UTL | User Initiated Invite for Automatic Conference Participation by Invitee | 12/1/2006 | 3/11/2013 | | |
| | 20070244570 | 11/405,219 | ABANDONED | US | UTL | Network Based Contest Creation | 4/17/2006 | 4/17/2006 | 10/18/2007 | |
| | 20070244585 | 11/405,208 | ABANDONED | US | UTL | Automated Administration of Network-Based Contests | 4/17/2006 | 4/17/2006 | 10/18/2007 | |
| | 2008-0250031 A1 | 11/696,143 | PUBLISHED | US | UTL | Systems and Methods for Providing Syndicated Content | 4/3/2007 | 4/3/2007 | 10/9/2008 | |

PATENT
REEL: 058534 FRAME: 0285

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2008-0201332-A1 | 11/676,603 | ABANDONED | US | UTL | System and method for preloading content on the basis of user context | 2/20/2007 | 2/20/2007 | 8/21/2008 | |
| | US-2008-0249885-A1 | 11/696,148 | ABANDONED | US | UTL | Systems and Methods for Providing An Internet Asset Marketplace | 4/3/2007 | 4/3/2007 | 10/9/2008 | |
| | 2008-0168033 | 11/620,619 | ABANDONED | US | UTL | EMPLOYING MOBILE LOCATION TO REFINE SEARCHES | 1/5/2007 | 1/5/2007 | 7/10/2008 | |
| | | 60/878,749 | CONV PRV | US | PRV | Data Synchronization and Device Handling Using Sequence Numbering | 1/5/2007 | 1/5/2007 | | |
| | US-2008-0270629-A1 | 11/796,258 | ABANDONED | US | UTL | Data Synchronization and Device Handling Using Sequence Numbers | 1/5/2007 | 4/27/2007 | 10/30/2008 | |
| | US-2008-0262859-A1 | 11/738,114 | ABANDONED | US | UTL | Systems and Methods for Providing A Video Resume | 4/20/2007 | 4/20/2007 | 10/23/2008 | |
| | | 60/883,760 | CONV PRV | US | PRV | SHOW AND TELL COMMUNICATION INTERFACE | 1/5/2007 | 1/5/2007 | | |
| 5,963,618 | | 08/844,712 | EXPIRED | US | UTL | Voice Processing system | 4/26/1996 | 4/18/1997 | | 10/5/1999 |
| 6,169,795 | | 09/050,008 | ISSUED | US | UTL | Internet telephony callback system and method of operation | 3/30/1998 | 3/30/1998 | | 1/2/2001 |
| 6,463,144 | | 09/707,981 | ISSUED | US | UTL | Internet telephony callback system and method of operation | 3/30/1998 | 11/8/2000 | | 10/8/2002 |
| 6,181,781 | | 08/882,709 | ISSUED | US | UTL | Voice mail system that downloads an applet for managing voice mail messages | 11/12/1996 | 6/25/1997 | | 1/30/2001 |

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REEL: 058534 FRAME: 0286

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|---|---|---|---|---|---|---|---|---|---|---|
| 6,195,358 | | 08/914,111 | ISSUED | US | UTL | Internet telephony signal conversion | 8/19/1997 | 8/19/1997 | | 2/27/2001 |
| 6,310,873 | | 08/780,888 | EXPIRED | US | UTL | Internet telephony directory server | 1/9/1997 | 1/9/1997 | | 10/30/2001 |
| 6,570,870 | | 09/239,242 | ISSUED | US | UTL | Method and system for making a charged telephone call during an Internet browsing session | 1/28/1999 | 1/28/1999 | | 5/27/2003 |
| 6,751,298 | | 09/895,091 | ISSUED | US | UTL | Localized Voice Mail System | 6/29/2001 | 6/29/2001 | | 6/15/2004 |
| 6,879,665 | | 09/300,320 | ISSUED | US | UTL | Method And Apparatus For Sending Messages In A Data Processing System | 4/27/1999 | 4/27/1999 | | 4/12/2005 |
| 7,042,841 | | 09/906,499 | ISSUED | US | UTL | Controlling Network Congestion Using A Biased Packet Discard Policy For Congestion Control And Encoded Session Packets: Methods, Systems, And Program Products | 7/16/2001 | 7/16/2001 | | 5/9/2006 |
| 7,050,557 | | 09/910,271 | ISSUED | US | UTL | E-Mail With Voice / Phone Conference Feature | 7/19/2001 | 7/19/2001 | | 5/23/2006 |
| 7,058,046 | | 09/999,474 | ISSUED | US | UTL | Scalable Call Management System | 11/15/2001 | 11/15/2001 | | 6/6/2006 |
| 5,973,685 | | 08/888,574 | ISSUED | US | UTL | Scheme For The Distribution Of Multimedia Follow-Up Information | 7/7/1997 | 7/7/1997 | | 10/26/1999 |
| 6,298,482 | | 08/968,404 | ISSUED | US | UTL | System For Two-Way Digital Multimedia Broadcast And Interactive Services | 11/12/1997 | 11/12/1997 | | 10/2/2001 |

PATENT
REEL: 058534 FRAME: 0287

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|---|---|---|---|---|---|---|---|---|---|---|
| 6,636,533 | | 09/556,734 | ISSUED | US | UTL | Method For Distributing Digital Tv Signal And Selection Of Content | 4/21/2000 | 4/21/2000 | | 10/21/2003 |
| 7,047,548 | | 09/836,313 | ISSUED | US | UTL | Recall Of Previous Program Channel | 4/17/2001 | 4/17/2001 | | 5/16/2006 |
| 6,122,660 | | 09/256,520 | ISSUED | US | UTL | Method For Distributing Digital Tv Signal And Selection Of Content | 2/23/1999 | 2/23/1999 | | 9/19/2000 |
| 6,335,737 | | 08/327,085 | ISSUED | US | UTL | Video Display And Selection On A Graphical Interface | 10/21/1994 | 10/21/1994 | | 1/1/2002 |
| | | 11/739,532 | ABANDONED | US | UTL | Method and System for Previewing Media Over a Network | 4/24/2007 | 4/24/2007 | | |
| | 2009-0113315 A1 | 11/925,321 | ABANDONED | US | UTL | Multimedia Enhanced Instant Messaging Engine | 10/26/2007 | 10/26/2007 | 4/30/2009 | |
| | US-2009-0113301-A1 | 11/925,365 | ABANDONED | US | UTL | Multimedia Enhanced Browser Interface | 10/26/2007 | 10/26/2007 | 4/30/2009 | |
| | | 11/746,003 | ABANDONED | US | UTL | System and Method for Allocating Tuner and/or Recording Resources | 5/8/2007 | 5/8/2007 | | |
| | 2008-0271098 A1 | 11/742,330 | PUBLISHED | US | UTL | SYSTEM AND METHOD FOR VIDEO CONVERSATIONS | 4/30/2007 | 4/30/2007 | 10/30/2008 | |
| D589,527 | | 29/295,338 | ISSUED | US | DES | Portion of a display panel with an icon image for displaying content | 2/22/2007 | 9/26/2007 | | 3/31/2009 |
| | US-2008-0209075-A1 | 11/877,402 | ABANDONED | US | UTL | Synchronous Delivery of Media Content and Real-Time Communication for Online Dating | 10/23/2007 | 10/23/2007 | 8/28/2008 | |

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REEL: 058534 FRAME: 0288

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2009/0007092 A1 | 11/824,279 | ABANDONED | US | UTL | Flash Based Data Aggregation and Exchange | 6/28/2007 | 6/28/2007 | 1/1/2009 | |
| 6,889,054 | | 09/821,134 | ISSUED | US | UTL | Method and system for schedule based advertising on a mobile phone | 3/29/2001 | 3/29/2001 | | 5/3/2005 |
| 7,673,316 | | 10/477,865 | ISSUED | US | UTL | System and method for enhancing broadcast programs with information on the world wide web | 5/10/2001 | 10/31/2003 | 7/15/2004 | 3/2/2010 |
| 7,984,472 | | 10/476,921 | ISSUED | US | UTL | System and method for enhancing recorded radio or television programs with information on the world wide web | 5/10/2001 | 10/31/2003 | 7/8/2004 | 7/19/2011 |
| 8,539,538 | US-2012-0210380 | 13/037,847 | ISSUED | US | UTL | System and method for enhancing recorded radio or television programs with information on the world wide web | 5/10/2001 | 3/1/2011 | 8/16/2012 | 9/17/2013 |
| 8,844,670 | 2014-0112637 A1 | 14/029,429 | ISSUED | US | UTL | System and method for enhancing recorded radio or television programs with information on the world wide web | 5/10/2001 | 9/17/2013 | 4/24/2014 | 5/17/2016 |
| 9,591,362 | 2016-0286271 A1 | 15/156,299 | ISSUED | US | UTL | System and method for enhancing recorded radio or television programs with information on the world wide web | 5/10/2001 | 5/16/2016 | 9/29/2016 | 3/7/2017 |

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REEL: 058534 FRAME: 0289

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|---|---|---|---|---|---|---|---|---|---|---|
| 7,552,193 | 20040139474 A1 | 10/477,866 | ISSUED | US | UTL | System and method for enhancing broadcast or recorded programs with information on the world wide web | 5/10/2001 | 10/31/2003 | 7/15/2004 | 6/23/2009 |
| | US-2009-0083139-A1 | 11/860,603 | ABANDONED | US | UTL | Systems and Methods for Serving Generalized Gift Certificates to Consumers on a Web Site | 9/25/2007 | 9/25/2007 | 3/26/2009 | |
| | US-2008-0244053-A1 | 11/694,752 | ABANDONED | US | UTL | GEOGRAPHIC READER DISPLAY DATA | 3/30/2007 | 3/30/2007 | 10/2/2008 | |
| | 2008-0270586 | 11/742,361 | ABANDONED | US | UTL | ASSOCIATION TO COMMUNITIES | 4/30/2007 | 4/30/2007 | 10/30/2008 | |
| | 2008-0294760 | 11/752,113 | ABANDONED | US | UTL | Hot with my readers | 5/22/2007 | 5/22/2007 | 11/27/2008 | |
| 8,312,108 | 2008-0294768 | 11/752,104 | ISSUED | US | UTL | Hot Within My Communities | 5/22/2007 | 5/22/2007 | 11/27/2008 | 11/13/2012 |
| 9,178,951 | 2013-0007132 | 13/615,077 | ISSUED | US | UTL | Hot Within My Communities | 5/22/2007 | 9/13/2012 | 1/3/2013 | 11/3/2015 |
| | | 10/348,640 | ABANDONED | US | UTL | System and method for sharing objects among two or more electronic devices | 1/23/2003 | 1/23/2003 | | |
| | | 60/363,802 | EXPIRED | US | PRV | System and method for managing two or more electronic devices | 3/11/2002 | 3/11/2002 | | |
| | US 2003-0172138 A1 | 10/384,224 | ABANDONED | US | UTL | System and method for managing two or more electronic devices | 3/11/2002 | 3/7/2003 | 9/11/2003 | |
| | | 60/363,810 | EXPIRED | US | PRV | System and method for adapting preferences based on device location or network topology | 3/11/2002 | 3/11/2002 | | |

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REEL: 058534 FRAME: 0290

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 10/384,225 | ABANDONED | US | UTL | System and method for adapting preferences based on device location or network topology | 3/11/2002 | 3/7/2003 | 11/13/2003 | |
| | | 60/363,876 | EXPIRED | US | PRV | System for standardizing updates of data on a plurality of electronic devices | 3/11/2002 | 3/11/2002 | | |
| | | 10/384,226 | ABANDONED | US | UTL | System for standardizing updates of data on a plurality of electronic devices | 3/11/2002 | 3/7/2003 | 9/11/2003 | |
| | | 60/363,877 | EXPIRED | US | PRV | System and method for delivering data in a network | 3/11/2002 | 3/11/2002 | | |
| | | 10/386,079 | ABANDONED | US | UTL | System and method for delivering data in a network | 3/11/2002 | 3/10/2003 | 9/11/2003 | |
| | 20080228920 | 11/687,307 | ABANDONED | US | UTL | System and method for resource aggregation and distribution | 3/16/2007 | 3/16/2007 | 9/18/2008 | |
| | US-2008-0281921-A1 | 11/746,025 | ABANDONED | US | UTL | Systems And Methods For Inter-Domain Messaging | 5/8/2007 | 5/8/2007 | 11/13/2008 | |
| | | 60/892,022 | CONV PRV | US | PRV | NETWORK-BASED ARCHIVING FOR THREADED MOBILE TEXT MESSAGES | 2/28/2007 | 2/28/2007 | | |
| 8396,493 | 20080207236 | 11/924,074 | ISSUED | US | UTL | NETWORK-BASED ARCHIVING FOR THREADED MOBILE TEXT MESSAGES | 2/28/2007 | 10/25/2007 | 8/28/2008 | 3/12/2013 |
| 9,271,126 | 2013-0196634 A1 | 13/793,686 | ISSUED | US | UTL | Network-Based Archiving For Threaded Mobile Text Messages | 2/28/2007 | 3/11/2013 | 8/1/2013 | 2/23/2016 |
| | 2008-0320139 | 11/767,776 | ABANDONED | US | UTL | Social Mobilized Content Sharing | 6/25/2007 | 6/25/2007 | 12/25/2008 | |

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REEL: 058534 FRAME: 0291

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2009-0011743 | 11/772,709 | ABANDONED | US | UTL | Mobile Trading Cards | 7/2/2007 | 7/2/2007 | 1/8/2009 | |
| | US-2009-0044150-A1 | 11/835,271 | ABANDONED | US | UTL | System And Method For Simplified Navigation | 8/7/2007 | 8/7/2007 | 2/12/2009 | |
| | 2009-0049408 A1 | 11/893,016 | PUBLISHED | US | UTL | Location-Based Visualization of Geo-Referenced Context | 8/13/2007 | 8/13/2007 | 2/19/2009 | |
| | 2009-0006109-A1 | 11/770,096 | ABANDONED | US | UTL | Rights Engine Including Event Logs | 6/28/2007 | 6/28/2007 | 1/1/2009 | |
| | US-2009-0023429-A1 | 11/879,599 | ABANDONED | US | UTL | Asynchronous Search Platform for Mobile Device Users | 7/17/2007 | 7/17/2007 | 1/22/2009 | |
| | US-2009-0089322-A1 | 11/864,828 | ABANDONED | US | UTL | Loading Predicted Tags Onto Electronic Devices | 9/28/2007 | 9/28/2007 | 4/2/2009 | |
| | 2009-0006533 | 11/770,571 | ABANDONED | US | UTL | SERVER-AIDED APPROACH TO IMPROVE MEDIA NEGOTIATION EFFICIENCY | 6/28/2007 | 6/28/2007 | 1/1/2009 | |
| | 2009-0015599 | 11/775,097 | ABANDONED | US | UTL | Draggable mechanism for identifying and communicating the state of an application | 7/9/2007 | 7/9/2007 | 1/15/2009 | |
| | 2009-0006532 | 11/770,490 | ABANDONED | US | UTL | Dynamic Phishing Protection in Instant Messaging | 6/28/2007 | 6/28/2007 | 1/1/2009 | |
| | US-2009-0021790-A1 | 11/880,255 | ABANDONED | US | UTL | User-Controlled Print Friendly Page | 7/20/2007 | 7/20/2007 | 1/22/2009 | |
| | US-2009-0063971-A1 | 11/848,977 | ABANDONED | US | UTL | Media Discovery Interface | 8/31/2007 | 8/31/2007 | 3/5/2009 | |
| | 2014-0189512 A1 | 14/072,981 | EXPIRED | US | UTL | System and Method for Generating a Playlist From a Mood Gradient | 8/31/2007 | 11/6/2013 | 7/3/2014 | |
| | US-2008-0301579-A1 | 11/810,198 | ABANDONED | US | UTL | Interactive Interface for Navigating, Previewing, and Accessing Multimedia Content | 6/4/2007 | 6/4/2007 | 12/4/2008 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| D611,055 | | 29/284,049 | ISSUED | US | DES | Graphical User Interface for Display Screen | 6/4/2007 | 8/29/2007 | | 3/2/2010 |
| D596,644 | | 29/284,050 | ISSUED | US | DES | Graphical User Interface for a Display Screen | 6/4/2007 | 8/29/2007 | | 7/21/2009 |
| D607,002 | | 29/284,051 | ISSUED | US | DES | GRAPHICAL USER INTERFACE FOR A DISPLAY SCREEN | 6/4/2007 | 8/29/2007 | | 12/29/2009 |
| D613,747 | | 29/322,623 | ISSUED | US | DES | Graphical User Interface for a Display Screen | 8/7/2008 | 8/7/2008 | | 4/13/2010 |
| D619,594 | | 29/323,208 | ISSUED | US | DES | Graphical User Interface for a Display Screen | 6/4/2007 | 8/20/2008 | | 7/13/2010 |
| | | 29/333,127 | ABANDONED | US | DES | Graphical User Interface for a Display Screen | 6/4/2007 | 3/3/2009 | | |
| | | 29/337,333 | ABANDONED | US | DES | Graphical User Interface for a Display Screen | 6/4/2007 | 5/19/2009 | | |
| | | 29/350,478 | ABANDONED | US | DES | Graphical User Interface for a Display Screen | 6/4/2007 | 11/17/2009 | | |
| | | 29/354,589 | ABANDONED | US | DES | Graphical User Interface for a Display Screen | 6/4/2007 | 1/26/2010 | | |
| | | 29/354,588 | ABANDONED | US | DES | Graphical User Interface for a Display Screen | 6/4/2007 | 1/26/2010 | | |
| D709,906 | | 29/422,580 | ISSUED | US | DES | Display Screen with a Graphical User Interface | 6/4/2007 | 5/22/2012 | | 7/29/2014 |

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REEL: 058534 FRAME: 0293

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0027418-A1 | 11/880,912 | ABANDONED | US | UTL | MAP-BASED INTERFACES FOR STORING AND LOCATING INFORMATION ABOUT GEOGRAPHICAL AREAS | 7/24/2007 | 7/24/2007 | 1/29/2009 | |
| 8,572,216 | US-2009-0043872-A1 | 11/835,661 | ISSUED | US | UTL | Social Network Building | 8/8/2007 | 8/8/2007 | 2/12/2009 | 10/29/2013 |
| | 2009-0100037 | 11/872,494 | ABANDONED | US | UTL | Suggestive Meeting Points Based on Location of Multiple Users | 10/15/2007 | 10/15/2007 | 4/16/2009 | |
| | | 60/620,456 | CONV PRV | US | PRV | System and method for location based matching and promotion | 10/19/2004 | 10/19/2004 | | |
| | 2006-0161599 A1 | 11/253,847 | PUBLISHED | US | UTL | System and method for location based matching and promotion | 10/19/2004 | 10/18/2005 | 7/20/2006 | |
| 8,019,692 | 2006-0085419 | 11/253,848 | ISSUED | US | UTL | System and method for location based social networking | 10/19/2004 | 10/18/2005 | 4/20/2006 | 9/13/2011 |
| | 2008-0288355 A1 | 12/183,030 | PUBLISHED | US | UTL | System and Method For Location Based Matching And Promotion | 10/19/2004 | 7/30/2008 | 11/20/2008 | |
| | 2011-0282972 | 13/186,711 | PUBLISHED | US | UTL | Social network for location sensing | 10/19/2004 | 7/20/2011 | 11/17/2011 | |
| | 2011-0276689 | 13/186,725 | PUBLISHED | US | UTL | Social network for monitoring user activity | 10/19/2004 | 7/20/2011 | 11/10/2011 | |
| | 2011-0282750 | 13/186,753 | PUBLISHED | US | UTL | Social network for mapping gradations to target intent | 10/19/2004 | 7/20/2011 | 11/17/2011 | |
| | | 60/727,977 | ABANDONED | US | PRV | System And Method For Location Based Social Networking | 10/17/2005 | 10/17/2005 | | |

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REEL: 058534 FRAME: 0294

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|---|---|---|---|---|---|---|---|---|---|---|
| 6,343,302 | | 08/799,915 | EXPIRED | US | UTL | REMOTE WEB SITE AUTHORING SYSTEM and METHOD | 2/13/1997 | 2/13/1997 | | 1/29/2002 |
| 6,581,061 | | 10/038,285 | EXPIRED | US | UTL | Remote Web Site Authoring System and Method | 2/13/1997 | 1/2/2002 | | 6/17/2003 |
| | US-2009-0089244-A1 | 11/862,913 | ABANDONED | US | UTL | A method of detecting spam hosts based on clustering the host graph | 9/27/2007 | 9/27/2007 | 4/2/2009 | |
| | US-2009-0089373-A1 | 11/863,486 | EXPIRED | US | UTL | System and method for identifying spam hosts using stacked graphical learning | 9/28/2007 | 9/28/2007 | 4/2/2009 | |
| | US-2009-0089285-A1 | 11/863,520 | ABANDONED | US | UTL | A method of detecting spam hosts based on propagating prediction labels | 9/28/2007 | 9/28/2007 | 4/2/2009 | |
| | 2009-0182618-A1 | 12/015,115 | ABANDONED | US | UTL | System and Method for Word-of-Mouth Advertising | 1/16/2008 | 1/16/2008 | 7/16/2009 | |
| | 2009-0182810-A1 | 12/015,146 | ABANDONED | US | UTL | System and Method for Real-Time Media Object-Specific Communications | 1/16/2008 | 1/16/2008 | 7/16/2009 | |
| | 2009-0182631-A1 | 12/180,499 | ABANDONED | US | UTL | System and Method for Word-of-Mouth Advertising | 1/16/2008 | 7/25/2008 | 7/16/2009 | |
| | US-2009-0083278-A1 | 11/861,962 | ABANDONED | US | UTL | System and method for discovering and presenting social relationships between internet users and content | 9/26/2007 | 9/26/2007 | 3/26/2009 | |
| | | 11/873,381 | ABANDONED | US | UTL | Content Navigation Method And User Interface | 10/16/2007 | 10/16/2007 | | |

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REEL: 058534 FRAME: 0295

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0064005-A1 | 11/847,208 | ABANDONED | US | UTL | In-Place Upload and Editing Application for Editing Media Assets | 8/29/2007 | 8/29/2007 | 3/5/2009 | |
| | 2009-0063496 | 11/847,199 | ABANDONED | US | UTL | Automated Most Popular Media Asset Creation | 8/29/2007 | 8/29/2007 | 3/5/2009 | |
| | US-2009-0070370-A1 | 11/854,159 | ABANDONED | US | UTL | Trackbacks for Media Assets | 9/12/2007 | 9/12/2007 | 3/12/2009 | |
| | US-2009-0070371-A1 | 11/854,369 | ABANDONED | US | UTL | Inline Rights Request and Communication for Remote Content | 9/12/2007 | 9/12/2007 | 3/12/2009 | |
| | US-2009-0234753-A1 | 12/049,857 | ABANDONED | US | UTL | Agent-based customized online shopping | 3/17/2008 | 3/17/2008 | 9/17/2009 | |
| 8,600,965 | US-2009-0144329-A1 | 11/950,201 | ISSUED | US | UTL | System and Method for Observing Communication Behavior | 12/4/2007 | 12/4/2007 | 6/4/2009 | 12/3/2013 |
| | US-2009-0094159-A1 | 11/868,133 | ABANDONED | US | UTL | STOCK VIDEO PURCHASE | 10/5/2007 | 10/5/2007 | 4/9/2009 | |
| 8,107,470 | 2009-0109978 | 11/981,980 | ISSUED | US | UTL | Application Interface for Global Mobile Message Delivery | 10/31/2007 | 10/31/2007 | 4/30/2009 | 1/31/2012 |
| 8,369,327 | 2012-0184308 | 13/353,081 | ISSUED | US | UTL | Application Interface for Global Message Delivery | 10/31/2007 | 1/18/2012 | 7/19/2012 | 2/5/2013 |
| | | 13/758,702 | ABANDONED | US | UTL | Application Interface for Global Message Delivery | 10/31/2007 | 2/4/2013 | | |
| | 2009-0055398 | 11/843,167 | ABANDONED | US | UTL | RETRIEVING MOBILE USER CONTEXT INFORMATION USING TOKENIZED VIRTUAL DICTIONARIES | 8/22/2007 | 8/22/2007 | 2/26/2009 | |
| 7,941,557 | 2009-0138563 | 11/946,763 | ISSUED | US | UTL | DYNAMICAL ROUTING FOR TEXT MESSAGING | 11/28/2007 | 11/28/2007 | 5/28/2009 | 5/10/2011 |

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REEL: 058534 FRAME: 0296

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,478,899 | 2009-0106770 A1 | 11/874,062 | ISSUED | US | UTL | MANAGING COMMUNICATIONS WITH GLOBAL APPLICATIONS THROUGH MESSAGE HANDLERS | 10/17/2007 | 10/17/2007 | 4/23/2009 | 7/2/2013 |
| | 2009-0063973 A1 | 11/897,051 | PUBLISHED | US | UTL | Degree of Separation for Media Artifact Discovery | 8/29/2007 | 8/29/2007 | 3/5/2009 | |
| 7,937,468 | 2009-0013054 | 11/774,460 | ISSUED | US | UTL | DETECTING SPAM MESSAGES USING RAPID SENDER REPUTATION FEEDBACK ANALYSIS | 7/6/2007 | 7/6/2007 | 1/8/2009 | 5/3/2011 |
| 8,849,909 | 2009-0013041 | 11/945,911 | ISSUED | US | UTL | Real-Time Asynchronous Event Aggregation Systems | 7/6/2007 | 11/27/2007 | 1/8/2009 | 9/30/2014 |
| 9,348,788 | 2014-0280227 A1 | 14/290,072 | ISSUED | US | UTL | Real-Time Asynchronous Event Aggregation Systems | 7/6/2007 | 5/29/2014 | 9/18/2014 | 5/24/2016 |
| | 2016-0261613 A1 | 15/155,717 | PUBLISHED | US | UTL | Real-Time Asynchronous Event Aggregation Systems | 7/6/2007 | 5/16/2016 | 9/8/2016 | |
| | 2009-0083382 | 11/860,523 | ABANDONED | US | UTL | REAL-TIME PRESENCE OF ONLINE CONTACTS | 9/24/2007 | 9/24/2007 | 3/26/2009 | |
| | US-2009-0144334-A1 | 11/950,250 | ABANDONED | US | UTL | System and Method for Contact Management | 12/4/2007 | 12/4/2007 | 6/4/2009 | |
| 9,465,892 | 2009-0144321 A1 | 11/949,638 | ISSUED | US | UTL | Associating Metadata with Media Objects Using Time | 12/3/2007 | 12/3/2007 | 6/24/2009 | 10/11/2016 |
| | 2017-0011034 A1 | 15/272,739 | PUBLISHED | US | UTL | Computerized System And Method For Automatically Associating Metadata With Media Objects | 12/3/2007 | 9/22/2016 | 1/12/2017 | |
| | US 2009/0132935 A1 | 11/941,038 | ABANDONED | US | UTL | Video Tag Game | 11/15/2007 | 11/15/2007 | 5/21/2009 | |

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REEL: 058534 FRAME: 0297

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2009-0070294-A1 | 11/853,760 | ABANDONED | US | UTL | Social Networking Site Including Conversation Thread Viewing Functionality | 9/11/2007 | 9/11/2007 | 3/12/2009 | |
| | 2009-0064193-1 | 11/850,249 | ABANDONED | US | UTL | Distributed Network Processing System including Selective Event Logging | 9/5/2007 | 9/5/2007 | 3/5/2009 | |
| | 2009-0055346-A1 | 11/844,292 | ABANDONED | US | UTL | Scalable Ticket Generation in a Database System | 8/23/2007 | 8/23/2007 | 2/26/2009 | |
| | US-2009-0158249-A1 | 11/955,997 | ABANDONED | US | UTL | System and method for testing a software module | 12/13/2007 | 12/13/2007 | 6/18/2009 | |
| | | 61/174,392 | CONV PRV | US | PRV | Creating Secure Social Applications with Extensible Types | 4/30/2009 | 4/30/2009 | | |
| 8,069,142 | US-2009-0150373-A1 | 11/952,007 | ISSUED | US | UTL | System and Method for Synchronizing Data on a Network | 12/6/2007 | 12/6/2007 | 6/11/2009 | 11/29/2011 |
| 8,166,168 | US-2009-0157593-A1 | 11/958,157 | ISSUED | US | UTL | System and Method For Disambiguating Non-Unique Identifiers Using Information Obtained from Disparate Communication Channels | 12/17/2007 | 12/17/2007 | 6/18/2009 | 4/24/2012 |
| 8,626,694 | 2011-0302128 | 13/211,950 | ISSUED | US | UTL | System and Method For Disambiguating Non-Unique Identifiers Using Information Obtained from Disparate Communication Channels | 12/17/2007 | 8/17/2011 | 12/8/2011 | 1/7/2014 |

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REEL: 058534 FRAME: 0298

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2009-0164502 A1 | 11/963,925 | ABANDONED | US | UTL | Systems and Methods of Universal Resource Locator Normalization | 12/24/2007 | 12/24/2007 | 6/25/2009 | |
| | US-2009-0150507-A1 | 11/952,875 | ABANDONED | US | UTL | System and Method for Prioritizing Delivery of Communications Via Different Communication Channels | 12/7/2007 | 12/7/2007 | 6/11/2009 | |
| | US-2009-0171899-A1 | 11/966,701 | ABANDONED | US | UTL | One-Stop Travel Search | 12/28/2007 | 12/28/2007 | 7/2/2009 | |
| | 2009-0170603 A1 | 11/966,072 | ABANDONED | US | UTL | Sports Community Commentary | 12/28/2007 | 12/28/2007 | 7/2/2009 | |
| | 2009-0196465 A1 | 12/024,572 | PUBLISHED | US | UTL | System and Method for Detecting the Source of Media Content with Application to Business Rules | 2/1/2008 | 2/1/2008 | 8/6/2009 | |
| | | 60/984,277 | CONV PRV | US | PRV | Content Optimization System and Method | 10/31/2007 | 10/31/2007 | | |
| 9,576,001 | 2009-0113288 A1 | 11/962,751 | ISSUED | US | UTL | Content Optimization System and Method | 10/31/2007 | 12/21/2007 | 4/30/2009 | 2/21/2017 |
| | 2017-0153903 A1 | 15/428,681 | PUBLISHED | US | UTL | Computerized System And Method For Analyzing User Interactions With Digital Content And Providing An Optimized Content Presentation Of Such Digital Content | 10/31/2007 | 2/9/2017 | 6/1/2017 | |
| | 2011-0040830 | 12/908,992 | ABANDONED | US | UTL | Web service multi-key rate limiting method and system | 12/20/2007 | 10/21/2010 | 2/17/2011 | |
| | US 2010-0115426 A1 | 12/265,513 | ABANDONED | US | UTL | Avatar Environments | 11/5/2008 | 11/5/2008 | 5/6/2010 | |
| | US-2009-0089327-A1 | 11/864,622 | ABANDONED | US | UTL | System and Method for Social Programming of Media Sources | 9/28/2007 | 9/28/2007 | 4/2/2009 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0248660-A1 | 12/057,081 | ABANDONED | US | UTL | Bundling Of Query-Related Context For Sponsored Search | 3/27/2008 | 3/27/2008 | 10/1/2009 | |
| | 2009-0228510 A1 | 12/042,306 | PUBLISHED | US | UTL | Generating Congruous Metadata for Multimedia | 3/4/2008 | 3/4/2008 | 9/10/2009 | |
| 8,876,607 | US-2009-0156312-A1 | 11/959,442 | ISSUED | US | UTL | Visual Display of Fantasy Sports Team Starting Roster Data Trends | 12/18/2007 | 12/18/2007 | 6/18/2009 | 11/4/2014 |
| D594,464 | | 29/293,437 | ISSUED | US | DES | Display Panel for Display of Fantasy Sports Team Roster Data Trends | 11/21/2007 | 11/21/2007 | | 6/16/2009 |
| 8,357,044 | US-2009-0156311-A1 | 11/959,378 | ISSUED | US | UTL | Real-time display of fantasy sports player transaction data | 12/18/2007 | 12/18/2007 | 6/18/2009 | 1/22/2013 |
| D594012 | | 29/293,425 | ISSUED | US | DES | Display of Fantasy Sports Player Transaction Data | 11/21/2007 | 11/21/2007 | | 6/9/2009 |
| 8,055,673 | US-2009-0307205-A1 | 12/133,673 | ISSUED | US | UTL | Friendly search and socially augmented search query assistance layer | 6/5/2008 | 6/5/2008 | 12/10/2009 | 11/8/2011 |
| | 2009-0239552 A1 | 12/054,305 | PUBLISHED | US | UTL | Location-Based, Opportunistic Recommendations | 3/24/2008 | 3/24/2008 | 9/24/2009 | |
| | 2009-0169062 | 11/968,584 | ABANDONED | US | UTL | Personals Ad Profile Secret Photo Verification Process | 1/2/2008 | 1/2/2008 | 7/2/2009 | |
| | US-2009-0285378-A1 | 12/121,445 | ABANDONED | US | UTL | Systems and Methods for Obfuscating Contact Numbers | 5/15/2008 | 5/15/2008 | 11/19/2009 | |
| | US-2009-0248510-A1 | 12/060,069 | ABANDONED | US | UTL | Information Retrieval Using Dynamic Guided Navigation | 3/31/2008 | 3/31/2008 | 10/1/2009 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,555,367 | US-2009-0235347-A1 | 12/047,112 | ISSUED | US | UTL | Method and System for Securely Streaming Content | 3/12/2008 | 3/12/2008 | 9/17/2009 | 10/8/2013 |
| | 2009-0165017 A1 | 11/963,937 | ABANDONED | US | UTL | Stateless Proportionally Consistent Addressing | 12/24/2007 | 12/24/2007 | 6/25/2009 | |
| 8,037,097 | 2009-0300066 | 12/130,939 | ISSUED | US | UTL | Universal Device Identifier For Globally Identifying And Binding Disparate Device Identifiers To The Same Mobile Device | 5/30/2008 | 5/30/2008 | 12/3/2009 | 10/11/2011 |
| 8,732,205 | 2012-0023114 | 13/251,963 | ISSUED | US | UTL | Universal Device Identifier For Globally Identifying And Binding Disparate Device Identifiers To The Same Mobile Device | 5/30/2008 | 10/3/2011 | 1/26/2012 | 5/20/2014 |
| | US-2009-0187978-A1 | 12/016,582 | ABANDONED | US | UTL | Security and Authentications in Peer-to-Peer Networks | 1/18/2008 | 1/18/2008 | 7/23/2009 | |
| 7,950,047 | 2009-0216842 | 12/035,941 | ISSUED | US | UTL | Reporting On Spoofed E-Mail | 2/22/2008 | 2/22/2008 | 8/27/2009 | 5/24/2011 |
| 8,381,262 | 2009-0210501 | 12/034,602 | ISSUED | US | UTL | Blocking of Spoofed E-Mail | 2/20/2008 | 2/20/2008 | 8/20/2009 | 2/19/2013 |
| | US-2009-0248595-A1 | 12/060,154 | ABANDONED | US | UTL | Name Verification Using Machine Learning | 3/31/2008 | 3/31/2008 | 10/1/2009 | |
| 8,086,048 | US-2009-0290812-A1 | 12/126,387 | ISSUED | US | UTL | System to Compile Landmark Image Search Results | 5/23/2008 | 5/23/2008 | 11/26/2009 | 12/27/2011 |
| 9,171,231 | 2012-0066219 | 13/302,271 | ISSUED | US | UTL | System to Compile Landmark Image Search Results | 5/23/2008 | 11/22/2011 | 3/15/2012 | 10/27/2015 |
| D590,412 | | 29/299,467 | ISSUED | US | DES | Graphical User Interface For Displaying Content Selections on a Display Panel | 12/27/2007 | 12/27/2007 | | 4/14/2009 |

PATENT
REEL: 058534 FRAME: 0301

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|---|---|---|---|---|---|---|---|---|---|---|
| D638,025 | | 29/333,228 | ISSUED | US | DES | Graphical User Interface for Displaying Content Selections on a Display Panel | 12/27/2007 | 3/4/2009 | | 5/17/2011 |
| 8,052,521 | US-2009-0325685-A1 | 12/163,754 | ISSUED | US | UTL | Using Currency in Online Fantasy Sports Games | 6/27/2008 | 6/27/2008 | 12/31/2009 | 11/8/2011 |
| | 2009-0319173 | 12/145,447 | ABANDONED | US | UTL | Method and Apparatus for Presenting Navigation Information | 6/24/2008 | 6/24/2008 | | |
| D607,004 | | 29/299,126 | ISSUED | US | DES | Graphical user interface for a display panel | 12/19/2007 | 12/19/2007 | | 12/29/2009 |
| D590,411 | | 29/299,128 | ISSUED | US | DES | Graphical User Interface for Displaying Contacts | 12/19/2007 | 12/19/2007 | | 4/14/2009 |
| | US-2009-0254475-A1 | 12/061,062 | ABANDONED | US | UTL | Pricing Combinatorial Prediction Markets by Sampling | 4/2/2008 | 4/2/2008 | 10/8/2009 | |
| 9,392,572 | 2009-0227270 A1 | 12/042,218 | ISSUED | US | UTL | Using Location-Based Request Data For Identifying Beacon Locations | 3/4/2008 | 3/4/2008 | 9/10/2009 | 7/12/2016 |
| | 2016-0323713 A1 | 15/206,343 | PUBLISHED | US | UTL | Using Location-Based Request Data For Identifying Beacon Locations | 3/4/2008 | 7/11/2016 | 11/3/2016 | |
| 8,406,531 | 2009-0285492 A1 | 12/121,259 | ISSUED | US | UTL | Data Access Based On Content Of Image Recorded By A Mobile Device | 5/15/2008 | 5/15/2008 | 11/19/2009 | 3/26/2013 |
| 9,483,499 | 2013-0223744 A1 | 13/849,968 | ISSUED | US | UTL | Data Access Based on Content of Image Recorded by a Mobile Device | 5/15/2008 | 3/25/2013 | 8/29/2013 | 11/1/2016 |

PATENT
REEL: 058534 FRAME: 0302

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,665,596 | 2017-0024414 A1 | 15/284,607 | ISSUED | US | UTL | Data Access Based on Content of Image Recorded by a Mobile Device | 5/15/2008 | 10/4/2016 | 1/26/2017 | 5/30/2017 |
| | | 15/597,621 | PENDING | US | UTL | Data Access Based on Content of Image Recorded by a Mobile Device | 5/15/2008 | 5/17/2017 | | |
| D604,306 | | 29/306,613 | ISSUED | US | DES | Coupon clipper interface for a display panel | 4/11/2008 | 4/11/2008 | | 11/17/2009 |
| | 2009-0259535 A1 | 12/101,937 | ABANDONED | US | UTL | Coupon Clipper | 4/11/2008 | 4/11/2008 | 10/15/2009 | |
| 8,738,637 | US-2009-0300050-A1 | 12/132,572 | ISSUED | US | UTL | Generating Sharable Recommended And Popular E-Mails | 6/3/2008 | 6/3/2008 | 12/3/2009 | 5/27/2014 |
| 8,542,950 | 2010-0303342 | 12/476,711 | ISSUED | US | UTL | Finding Iconic Images | 6/2/2009 | 6/2/2009 | 12/2/2010 | 9/24/2013 |
| | | 61/019,276 | CONV PRV | US | PRV | System and Method for Message Clustering | 1/6/2008 | 1/6/2008 | | |
| 8,762,285 | US-2009-0177484-A1 | 12/145,145 | ISSUED | US | UTL | System and Method for Message Clustering | 1/6/2008 | 6/24/2008 | 7/9/2009 | 6/24/2014 |
| | 2014-0289249 A1 | 14/299,781 | PUBLISHED | US | UTL | System and Method for Message Clustering | 1/6/2008 | 6/9/2014 | 9/25/2014 | |
| | US-2009-0298594-A1 | 12/128,278 | ABANDONED | US | UTL | Media/Tag-Based Word Games | 5/28/2008 | 5/28/2008 | 12/3/2009 | |
| | 2009-0292688 A1 | 12/126,797 | ABANDONED | US | UTL | Ordering Relevant Content By Time For Determining Top Picks | 5/23/2008 | 5/23/2008 | 11/26/2009 | |
| | | 12/139,326 | ABANDONED | US | UTL | Personal Travel Organizer and Online Travelogue | 6/13/2008 | 6/13/2008 | | |
| | US-2010-0057639-A1 | 12/202,237 | ABANDONED | US | UTL | System and method for utilizing time measurements in advertising pricing | 8/30/2008 | 8/30/2008 | 3/4/2010 | |
| | US-2010-0121749-A1 | 12/268,943 | ABANDONED | US | UTL | Real-Time Validation System for Transactions | 11/11/2008 | 11/11/2008 | 5/13/2010 | |

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REEL: 058534 FRAME: 0303

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0307129-A1 | 12/134,430 | ABANDONED | US | UTL | Community-Based Task Valuation System and Method | 6/6/2008 | 6/6/2008 | 12/10/2009 | |
| 7,769,815 | US-2009-0307313-A1 | 12/132,777 | ISSUED | US | UTL | System and Method for Determining Spam | 6/4/2008 | 6/4/2008 | 12/10/2009 | 8/3/2010 |
| D622,280 | | 29/319,816 | ISSUED | US | DES | Graphical user interface for a display screen | 6/16/2008 | 6/16/2008 | | 8/24/2010 |
| | 2009-0327168 | 12/147,342 | ABANDONED | US | UTL | Playful Incentive for Labeling Content | 6/26/2008 | 6/26/2008 | 12/31/2009 | |
| | US-2010-0023414 | 12/181,209 | ABANDONED | US | UTL | Allocation and Pricing of Information Distortion for Specifying a Display | 7/28/2008 | 7/28/2008 | 1/28/2010 | |
| | US-2010-0114972-A1 | 12/265,382 | ABANDONED | US | UTL | Rooftop Indicators For Online Maps | 11/5/2008 | 11/5/2008 | 5/6/2010 | |
| | 20100076937 | 12/204,805 | ABANDONED | US | UTL | Feed Processing | 9/5/2008 | 9/5/2008 | 3/25/2010 | |
| 8,057,291 | US-2010-0100204-A1 | 12/255,597 | ISSUED | US | UTL | Fantasy Sports Confidence Scores | 10/21/2008 | 10/21/2008 | 4/22/2010 | 11/15/2011 |
| D615,885 | | 29/323,284 | ISSUED | US | DES | Fantasy Sports Confidence Scores | 8/21/2008 | 8/21/2008 | | 5/18/2010 |
| 8,069,128 | 2010-0036786 | 12/188,612 | ISSUED | US | UTL | Real-Time Ad-Hoc Spam Filtering of Email | 8/8/2008 | 8/8/2008 | 2/11/2010 | 11/29/2011 |
| | US-2010-0076894-A1 | 12/234,752 | ABANDONED | US | UTL | System And Method For Acquiring And Distributing Advertisement Impressions | 9/22/2008 | 9/22/2008 | 3/25/2010 | |
| | US-2010-0076679-A1 | 12/207,048 | ABANDONED | US | UTL | System and Method for Real Time Bus Selection Arrangement | 9/9/2008 | 9/9/2008 | 3/25/2010 | |
| | | 60/493,965 | CONV PRV | US | PRV | System and Method of Integrating Video Content with Interactive Elements | 8/8/2003 | 8/8/2003 | | |

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REEL: 058534 FRAME: 0304

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2005-0034151 A1 | 10/637,924 | ABANDONED | US | UTL | System and Method of Integrating Video Content with Interactive Elements | 8/8/2003 | 8/8/2003 | 2/10/2005 | |
| | | 60/533,713 | CONV PRV | US | PRV | System and Method for Delivery of Broadband Content | 12/30/2003 | 12/30/2003 | | |
| | 2005-0034153 A1 | 10/708,267 | ABANDONED | US | UTL | System and Method for Delivery of Broadband Content with Integrated Interactive Elements | 8/8/2003 | 2/20/2004 | 2/10/2005 | |
| | 2005-0044260 A1 | 10/708,260 | ABANDONED | US | UTL | SYSTEM AND METHOD FOR DELIVERY OF BROADBAND CONTENT | 8/8/2003 | 2/20/2004 | 2/24/2005 | |
| | US 2007-0011713 A1 | 11/350,392 | ABANDONED | US | UTL | System and Method of Integrating Video Content With Interactive Elements | 8/8/2003 | 2/8/2006 | 1/11/2007 | |
| | | 60/777,672 | CONV PRV | US | PRV | Systems And Methods for Delivering and Managing Media Content Downloaded to a Network Connected Device | 2/28/2006 | 2/28/2006 | | |
| | US-2007-0204003-A1 | 11/477,894 | ABANDONED | US | UTL | Downloading a File Over HTTP from Multiple Servers | 2/28/2006 | 6/29/2006 | 8/30/2007 | |
| | US-2007-0204115-A1 | 11/477,891 | ABANDONED | US | UTL | Systems and Methods for Storage Shuffling Techniques to Download Content to a File | 2/28/2006 | 6/29/2006 | 8/30/2007 | |
| | US-2007-0204011-A1 | 11/478,496 | ABANDONED | US | UTL | Systems and Methods for Offline Access to Video Content of a Website | 2/28/2006 | 6/29/2006 | 8/30/2007 | |

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REEL: 058534 FRAME: 0305

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,001,471 | US-2007-0204057-A1 | 11/478,066 | ISSUED | US | UTL | Systems and Methods for Providing a Similar Offline Viewing Experience of Online Website Content | 2/28/2006 | 6/29/2006 | 8/30/2007 | 8/16/2011 |
| 8,015,491 | US-2007-0209005-A1 | 11/478,067 | ISSUED | US | UTL | Systems and Methods for Single Development Tool of Unified Online and Offline Content Providing a Similar Viewing Experience | 2/28/2006 | 6/29/2006 | 9/6/2007 | 9/6/2011 |
| | US-2007-0201502-A1 | 11/478,255 | ABANDONED | US | UTL | Systems and Methods for Controlling the Delivery Behavior of Downloaded Content | 2/28/2006 | 6/29/2006 | 8/30/2007 | |
| | | 60/943,244 | CONV PRV | US | PRV | Systems and Methods for Inserting Ads During Playback of Video Media | 6/11/2007 | 6/11/2007 | | |
| 8,307,392 | US-2008-0307454-A1 | 12/134,569 | ISSUED | US | UTL | Systems and Methods for Inserting Ads During Playback of Video Media | 6/11/2007 | 6/6/2008 | 12/11/2008 | 11/6/2012 |
| | US-2009-0013347-A1 | 12/134,577 | PUBLISHED | US | UTL | Systems and Methods for Reporting Usage of Dynamically Inserted and Delivered Ads | 6/11/2007 | 6/6/2008 | 1/8/2009 | |
| 8,316,392 | US-2009-0007172-A1 | 12/134,589 | ISSUED | US | UTL | Systems and Methods for Forecasting Ad Inventory | 6/11/2007 | 6/6/2008 | 1/1/2009 | 11/20/2012 |
| 9,204,102 | 2013-0067510 A1 | 13/619,942 | ISSUED | US | UTL | Systems and Methods for Inserting Ads During Playback of Video Media | 6/11/2007 | 9/14/2012 | 3/14/2013 | 12/1/2015 |
| | US-2010-0049567-A1 | 12/195,219 | ABANDONED | US | UTL | System and Methods for Integrated Advertisement Management | 8/20/2008 | 8/20/2008 | 2/25/2010 | |

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REEL: 058534 FRAME: 0306

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2010-0121667-A1 | 12/269,702 | ABANDONED | US | UTL | System and Methods for Integrated Advertisement Management | 8/20/2008 | 11/12/2008 | 5/13/2010 | |
| | US-2010-0077341-A1 | 12/235,337 | ABANDONED | US | UTL | Smart Content Presentation | 9/22/2008 | 9/22/2008 | 3/25/2010 | |
| | US-2010-0023408-A1 | 12/180,041 | ABANDONED | US | UTL | Advertising Campaign Reconciliation | 7/25/2008 | 7/25/2008 | 1/28/2010 | |
| | 2010-0312820 A1 | 12/466,321 | PUBLISHED | US | UTL | Identifying and Recommending Connections Across Multiple Online Services | 5/14/2009 | 5/14/2009 | 12/9/2010 | |
| 8,175,922 | US-2010-0114720-A1 | 12/262,497 | ISSUED | US | UTL | Dynamic in-page advertising | 10/31/2008 | 10/31/2008 | 5/6/2010 | 5/8/2012 |
| 8,392,257 | 2012-0185343 | 13/436,307 | ISSUED | US | UTL | Dynamic in-page advertising | 10/31/2008 | 3/30/2012 | 7/19/2012 | 3/5/2013 |
| 8,788,346 | 2013-0144729-A1 | 13/755,722 | ISSUED | US | UTL | Dynamic in-page advertising | 10/31/2008 | 1/31/2013 | 6/6/2013 | 7/22/2014 |
| | | 13/758,726 | ABANDONED | US | UTL | Dynamic in-page advertising | 10/31/2008 | 2/4/2013 | | |
| | US-2010-0082356-A1 | 12/241,497 | ABANDONED | US | UTL | System and Method for Recommending Personalized Career Paths | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | US-2010-0042687-A1 | 12/190,346 | ABANDONED | US | UTL | System and Method for Combating Phishing | 8/12/2008 | 8/12/2008 | 2/18/2010 | |
| | US-2010-0083353-A1 | 12/238,694 | ABANDONED | US | UTL | Personalized User Authentication Process | 9/26/2008 | 9/26/2008 | 4/1/2010 | |
| | US-2010-0082658-A1 | 12/242,441 | ABANDONED | US | UTL | Systems and methods for surfacing contextually relevant information | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| 8,122,353 | US-2010-0122203-A1 | 12/267,299 | ISSUED | US | UTL | Composing a Message in an Online Textbox Using a Non-Latin Script | 11/7/2008 | 11/7/2008 | 5/13/2010 | 2/21/2012 |

PATENT
REEL: 058534 FRAME: 0307

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|---|---|---|---|---|---|---|---|---|---|---|
| | 20100107058 | 12/256,475 | ABANDONED | US | UTL | Query Aware Processing | 10/23/2008 | 10/23/2008 | 4/29/2010 | |
| | US-2010-0070588 -A1 | 12/211,076 | ABANDONED | US | UTL | Reliability For Instant Messaging Based on End Point Acknowledgements | 9/15/2008 | 9/15/2008 | 3/18/2010 | |
| | US-2009-0138362-A1 | 12/363,756 | ABANDONED | US | UTL | System and method for context-adaptive shaping of relevance scores for position auctions | 1/31/2009 | 1/31/2009 | 5/28/2009 | |
| | US-2010-0191758-A1 | 12/360,008 | ABANDONED | US | UTL | System and Method for Improved Search Relevance Using Proximity Boosting | 1/26/2009 | 1/26/2009 | 7/29/2010 | |
| | 2010-0070962 A1 | 12/211,078 | PUBLISHED | US | UTL | Targeted Instant Messenger Behaviors Employed For Optimization Of A Client | 9/15/2008 | 9/15/2008 | 3/18/2010 | |
| 8,364,766 | US 2010-0145900-A1 | 12/328,723 | ISSUED | US | UTL | Spam Filtering Based On Statistics And Token Frequency Modeling | 12/4/2008 | 12/4/2008 | 6/10/2010 | 1/29/2013 |
| | | 13/752,141 | ABANDONED | US | UTL | Spam Filtering Based On Statistics And Token Frequency Modeling | 12/4/2008 | 1/28/2013 | | |
| | | 61/098,741 | CONV PRV | US | PRV | Automated Detector of Abusively Registered Accounts | 9/19/2008 | 9/19/2008 | | |
| 8,826,450 | 2010-0076922 | 12/561,875 | ISSUED | US | UTL | Detecting Bulk Fraudulent Registration Of Email Accounts | 9/19/2008 | 9/17/2009 | 3/25/2010 | 9/2/2014 |
| 8,892,661 | 2010-0077043 | 12/562,792 | ISSUED | US | UTL | Detecting Spam From A Bulk Registered E-Mail Account | 9/19/2008 | 9/18/2009 | 3/25/2010 | 11/18/2014 |
| 8,868,663 | 2010-0077040 | 12/561,940 | ISSUED | US | UTL | Detection Of Outbound Sending Of Spam | 9/19/2008 | 9/17/2009 | 3/25/2010 | 10/21/2014 |

PATENT
REEL: 058534 FRAME: 0308

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|---|---|---|---|---|---|---|---|---|---|---|
| | 20100169316 | 12/346,832 | ABANDONED | US | UTL | Search Query Concept Based Recommendations | 12/30/2008 | 12/30/2008 | 7/1/2010 | |
| | US-2010-0191740 | 12/360,016 | ABANDONED | US | UTL | System and Method for Ranking Web Searches With Quantified Semantic Features | 1/26/2009 | 1/26/2009 | 7/29/2010 | |
| | US-2010-0185623 | 12/354,533 | ABANDONED | US | UTL | Topical Ranking in Information Retrieval | 1/15/2009 | 1/15/2009 | 7/22/2010 | |
| | 2010-0241689 | 12/407,690 | ABANDONED | US | UTL | Method And Apparatus For Associating Advertising With Computer Enabled Maps | 3/19/2009 | 3/19/2009 | 9/23/2010 | |
| | 2010-0241944 | 12/407,681 | ABANDONED | US | UTL | Method And Apparatus For Associating Advertising Content With Computer Enabled Maps | 3/19/2009 | 3/19/2009 | 9/23/2010 | |
| 9,224,172 | 2010-0138491 A1 | 12/326,553 | ISSUED | US | UTL | Customizable Content for Distribution in Social Networks | 12/2/2008 | 12/2/2008 | 6/3/2010 | 12/29/2015 |
| | 2010-0293184 | 12/465,077 | ABANDONED | US | UTL | Identification of related bid phrases and categories using co-bidding information | 5/13/2009 | 5/13/2009 | 11/18/2010 | |
| | US-2010-0082427-A1 | 12/242,656 | ABANDONED | US | UTL | System and Method for Context Enhanced Ad Creation | 9/30/2008 | 9/30/2008 | 4/30/2010 | |
| | | 13/919,760 | ABANDONED | US | UTL | Adaptive Weighted Crawling Of User Activity Feeds | 11/6/2008 | 6/17/2013 | | |
| D602,029 | | 29/323,780 | ISSUED | US | DES | Graphical user interface for displaying multimedia content for a display screen | 8/29/2008 | 8/29/2008 | | 10/13/2009 |

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REEL: 058534 FRAME: 0309

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 29/339,842 | ABANDONED | US | DES | Graphical User Interface for Displaying Multimedia Content for a Display Screen | 8/29/2008 | 7/8/2009 | | |
| 8,543,406 | US-2010-0185449-A1 | 12/357,645 | ISSUED | US | UTL | Method and System for Communicating With an Interactive Voice Response (IVR) System | 1/22/2009 | 1/22/2009 | 7/22/2010 | 9/24/2013 |
| D638,026 | | 29/329,348 | ISSUED | US | DES | Toolbar for a User Interface | 12/12/2008 | 12/12/2008 | | 5/17/2011 |
| D611,948 | | 29/329,349 | ISSUED | US | DES | Toolbar For A User Interface | 12/12/2008 | 12/12/2008 | | 3/16/2010 |
| D612,393 | | 29/329,352 | ISSUED | US | DES | Toolbar For A User Interface | 12/12/2008 | 12/12/2008 | | 3/23/2010 |
| D607,006 | | 29/329,353 | ISSUED | US | DES | Icons For A User Interface | 12/12/2008 | 12/12/2008 | | 12/29/2009 |
| | | 29/350,473 | ABANDONED | US | DES | Icons For A User Interface | 12/12/2008 | 11/17/2009 | | |
| | | 29/382,947 | ABANDONED | US | DES | User Interface for a Portion of a Computing Device Display Screen, the User Interface Comprising Icons | 12/12/2008 | 1/10/2011 | | |
| | US-2010-0205198-A1 | 12/367,114 | ABANDONED | US | UTL | Search Query Disambiguation | 2/6/2009 | 2/6/2009 | 8/12/2010 | |
| | US-2010-0153365-A1 | 12/334,725 | ABANDONED | US | UTL | Phrase Identification Using Break Points | 12/15/2008 | 12/15/2008 | 6/17/2010 | |
| | US-2010-0192058-A1 | 12/359,751 | ABANDONED | US | UTL | Passive Access By Online Ads To A Landing Zone | 1/26/2009 | 1/26/2009 | 7/29/2010 | |
| | US-2010-0158391-A1 | 12/344,148 | ABANDONED | US | UTL | Identification And Transfer Of A Media Object Segment From One Communications Network To Another | 12/24/2008 | 12/24/2008 | 6/24/2010 | |

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REEL: 058534 FRAME: 0310

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|---|---|---|---|---|---|---|---|---|---|---|
| | US 2010-0161734-A1 | 12/341,323 | ABANDONED | US | UTL | Determining Spam Based On Primary And Secondary Email Addresses Of A User | 12/22/2008 | 12/22/2008 | 6/24/2010 | |
| | 2010-0185518-A1 | 12/357,332 | ABANDONED | US | UTL | Interest-Based Activity Marketing | 1/21/2009 | 1/21/2009 | 7/22/2010 | |
| | 20100179995 | 12/352,482 | ABANDONED | US | UTL | Instant Message Forwarding To Selectable Accounts | 1/12/2009 | 1/12/2009 | 7/15/2010 | |
| 9,600,581 | 2010-0211568 A1 | 12/388,941 | ISSUED | US | UTL | Personalized Recommendations on Dynamic Content | 2/19/2009 | 2/19/2009 | 8/19/2010 | 3/21/2017 |
| 8,206,214 | 20070243918 | 11/406,663 | ISSUED | US | UTL | Player Roster Selection Interface | 4/18/2006 | 4/18/2006 | 10/18/2007 | 6/26/2012 |
| 8,105,159 | 20070243918 | 11/603,496 | ISSUED | US | UTL | Player Roster Selection Interface | 4/18/2006 | 11/22/2006 | 10/18/2007 | 1/31/2012 |
| | 2011-0040756 A1 | 12/540,337 | PUBLISHED | US | UTL | System and Method for Providing Recommendations | 8/12/2009 | 8/12/2009 | 2/17/2011 | |
| 8,401,984 | 2011-0055132 | 12/547,960 | ISSUED | US | UTL | Identification And Measurement Of Social Influence And Correlation | 8/26/2009 | 8/26/2009 | 3/3/2011 | 3/19/2013 |
| | 2010-0257466 A1 | 12/416,720 | ABANDONED | US | UTL | Method and System for Generating A Mini-Software Application Corresponding to a Website | 4/1/2009 | 4/1/2009 | 10/7/2010 | |
| | 2010-0211645 | 12/388,481 | ABANDONED | US | UTL | Identification Of A Trusted Message Sender With Traceable Receipts | 2/18/2009 | 2/18/2009 | 8/19/2010 | |
| 8,984,406 | 2010-0281373 | 12/433,052 | ISSUED | US | UTL | Method and System for Annotating Video Content | 4/30/2009 | 4/30/2009 | 11/4/2010 | 3/17/2015 |
| 8,856,229 | 2011-0185020 | 12/693,510 | ISSUED | US | UTL | System And Method For Social Networking | 1/26/2010 | 1/26/2010 | 7/28/2011 | 10/7/2014 |

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REEL: 058534 FRAME: 0311

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2010-0299397 A1 | 12/471,351 | PUBLISHED | US | UTL | Managing electronic addresses based on communication patterns | 5/23/2009 | 5/23/2009 | 11/25/2010 | |
| | 2011-0004652 | 12/496,315 | ABANDONED | US | UTL | Method and System for Enabling A User to Vote on a Portion of an Image for Displaying the Image | 7/1/2009 | 7/1/2009 | 1/6/2011 | |
| | 2011-0029512 A1 | 12/533,684 | PUBLISHED | US | UTL | Providing Link To Portion Of Media Object In Real Time In Social Networking Update | 7/31/2009 | 7/31/2009 | 2/3/2011 | |
| 9,141,271 | 2011-0055725 | 12/548,140 | ISSUED | US | UTL | Taking Action Upon Users In A Social Networking System With Respect To A Purpose Based On Compatibility Of The Users To The Purpose | 8/26/2009 | 8/26/2009 | 3/3/2011 | 9/22/2015 |
| 9,436,777 | 2011-0040777 A1 | 12/540,502 | ISSUED | US | UTL | Method and System for Causing A Browser to Preload Web Page Components | 8/13/2009 | 8/13/2009 | 2/17/2011 | 9/6/2016 |
| | 2017-0024487 A1 | 15/254,540 | PUBLISHED | US | UTL | Method and System for Causing A Browser to Preload Web Page Components | 8/13/2009 | 9/1/2016 | 1/26/2017 | |
| 9,348,913 | 2011-0059799 A1 | 12/555,959 | ISSUED | US | UTL | Selecting Sporting Events Based on Event Status | 9/9/2009 | 9/9/2009 | 3/10/2011 | 5/24/2016 |
| 9,626,686 | 2016-0267502 A1 | 15/161,721 | ISSUED | US | UTL | Selecting Sporting Events Based on Event Status | 9/9/2009 | 5/23/2016 | 9/15/2016 | 4/18/2017 |

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REEL: 058534 FRAME: 0312

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2011-0029517 | 12/533,564 | ABANDONED | US | UTL | Global and Topical Ranking of Search Results Using User Clicks | 7/31/2009 | 7/31/2009 | 2/3/2011 | |
| | 2011-0184940 | 12/693,987 | ABANDONED | US | UTL | System and Method for Detecting Changes in the Relevance of Past Search Results | 1/26/2010 | 1/26/2010 | 7/28/2011 | |
| D628,209 | | 29/343,903 | ISSUED | US | DES | User Interfaces | 9/21/2009 | 9/21/2009 | | 11/30/2010 |
| 9,674,305 | 2011-0072089 A1 | 12/563,854 | ISSUED | US | UTL | Method And System For Synchronizing Software Module Hosts | 9/21/2009 | 9/21/2009 | 3/24/2011 | 6/6/2017 |
| | | 15/496,167 | PENDING | US | UTL | Method And System For Synchronizing Software Module Hosts | 9/21/2009 | 4/25/2017 | | |
| 8,645,814 | 2011-0173522 | 12/684,276 | ISSUED | US | UTL | System and Method for Displaying Status of Electronic Messages | 1/8/2010 | 1/8/2010 | 7/14/2011 | 2/4/2014 |
| | 2011-0173198 A1 | 12/686,112 | ABANDONED | US | UTL | Recommendations based on relevant friend behaviors | 1/12/2010 | 1/12/2010 | 7/14/2011 | |
| | 2011-0225134 A1 | 12/723,093 | ABANDONED | US | UTL | System and Method for Enhanced Find In-Page Functions in a Web Browser | 2/22/2010 | 3/12/2010 | 9/15/2011 | |
| | 2011-0306427 A1 | 12/813,707 | PUBLISHED | US | UTL | Method and System for Drafting One or More Players in a Fantasy Sport | 6/11/2010 | 6/11/2010 | 12/15/2011 | |
| 9,262,518 | 2012-0284266 A1 | 13/100,302 | ISSUED | US | UTL | DYNAMICALLY DETERMINING THE RELATEDNESS OF WEB OBJECTS | 5/4/2011 | 5/4/2011 | 11/8/2012 | 2/16/2016 |
| | 2016-0147749 A1 | 15/010,225 | PUBLISHED | US | UTL | DYNAMICALLY DETERMINING THE RELATEDNESS OF WEB OBJECTS | 5/4/2011 | 1/29/2016 | 5/26/2016 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 12/975,391 | ABANDONED | US | UTL | SUPER-CLUSTERING FOR EFFICIENT INFORMATION EXTRACTION | 12/22/2010 | 12/22/2010 | | |
| 8,825,472 | 2011-0295593 | 12/790,536 | ISSUED | US | UTL | Automated Message Attachment Labeling Using Feature Selection In Message Content | 5/28/2010 | 5/28/2010 | 12/1/2011 | 9/2/2014 |
| 9,600,800 | 2010-0281104 A1 | 12/615,986 | ISSUED | US | UTL | Creating Secure Social Applications with Extensible Types | 4/30/2009 | 11/10/2009 | 11/4/2010 | 3/21/2017 |
| | | 15/439,132 | PENDING | US | UTL | Creating Secure Social Applications with Extensible Types | 4/30/2009 | 2/22/2017 | | |
| 8,600,901 | 2012-0030588 | 12/844,697 | ISSUED | US | UTL | Providing Social Likeness Within A Messaging Context | 7/27/2010 | 7/27/2010 | 2/2/2012 | 12/3/2013 |
| 8,396,876 | 2012-0136853 | 12/957,335 | ISSUED | US | UTL | Identifying Reliable and Authoritative Sources of Multimedia Content | 11/30/2010 | 11/30/2010 | 5/31/2012 | 3/12/2013 |
| | | 11/186,503 | ABANDONED | US | UTL | Athlete Valuation | 7/21/2005 | 7/21/2005 | | |
| | 20070021214 | 11/186,368 | ABANDONED | US | UTL | Fantasy Cross-Sport Challenge | 7/21/2005 | 7/21/2005 | 1/25/2007 | |
| | 20070021853 | 11/186,602 | ABANDONED | US | UTL | Fantasy Single Sport Challenge | 7/21/2005 | 7/21/2005 | 1/25/2007 | |
| | 20070021165 | 11/186,469 | ABANDONED | US | UTL | Graphical User Interface For A Fantasy Sports Application | 7/21/2005 | 7/21/2005 | 1/25/2007 | |
| | 20070072679 | 11/606,970 | ABANDONED | US | UTL | Win Probability Based On Historic Analysis | 11/29/2006 | 11/29/2006 | 3/29/2007 | |
| 8,744,143 | 2012-0250951 | 13/077,998 | ISSUED | US | UTL | Adding Privacy Protection to Photo Uploading/Tagging in Social Networks | 4/1/2011 | 4/1/2011 | 10/4/2012 | 6/3/2014 |
| 8,210,916 | 2007-0021167 | 11/186,502 | ISSUED | US | UTL | Real-Time Play Valuation | 7/21/2005 | 7/21/2005 | 1/25/2007 | 7/3/2012 |

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REEL: 058534 FRAME: 0314

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,027,122 | 2012-0167204 A1 | 12/975,390 | ISSUED | US | UTL | ISOLATION TOOL FOR USER ASSISTANCE IN SOLVING A CAPTCHA TEST | 12/22/2010 | 12/22/2010 | 6/28/2012 | 5/5/2015 |
| | 2012-0173454 | 12/980,362 | PUBLISHED | US | UTL | FINANCIAL PORTFOLIO BOOST EVALUATION | 12/29/2010 | 12/29/2010 | 7/5/2012 | |
| | 2012-0166453 A1 | 12/976,628 | PUBLISHED | US | UTL | System and Method for Social Filtering of Comments | 12/20/2010 | 12/22/2010 | 6/28/2012 | |
| 9,087,106 | 2013-0304731-A1 | 13/381,863 | ISSUED | US | UTL | BEHAVIOR TARGETING SOCIAL RECOMMENDATIONS | 12/31/2010 | 12/30/2011 | 11/14/2013 | 7/21/2015 |
| | 2012-0166554 A1 | 12/978,652 | PUBLISHED | US | UTL | Automatically Compressing E-mail Forwarded To A User Telephone | 12/27/2010 | 12/27/2010 | 6/28/2012 | |
| 8,396,822 | 2012-0166379 | 12/978,186 | ISSUED | US | UTL | CLUSTERING COOKIES FOR IDENTIFYING UNIQUE MOBILE DEVICES | 12/22/2010 | 12/23/2010 | 6/28/2012 | 3/12/2013 |
| 8,935,194 | 2013-0159227 A1 | 13/767,695 | ISSUED | US | UTL | Clustering Cookies for Identifying Unique Mobile Devices | 12/22/2010 | 2/14/2013 | 6/20/2013 | 1/13/2015 |
| 9,087,455 | 2013-0042180 A1 | 13/207,417 | ISSUED | US | UTL | Method and system for providing map interactivity for a visually-impaired user | 8/11/2011 | 8/11/2011 | 2/14/2013 | 7/21/2015 |
| 9,466,071 | 2013-0124437 A1 | 13/297,988 | ISSUED | US | UTL | Social Media User Recommendation System and Method | 11/16/2011 | 11/16/2011 | 5/16/2013 | 10/11/2016 |
| | 2017-0024406 A1 | 15/288,567 | PUBLISHED | US | UTL | Social Media User Recommendation System and Method | 11/16/2011 | 10/7/2016 | 1/26/2017 | |
| 8,340,794 | 2013-0018492 | 13/180,664 | ISSUED | US | UTL | Fantasy Sports Trade Evaluator System and Method | 7/12/2011 | 7/12/2011 | 1/17/2013 | 12/25/2012 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,606,380 | 2013-0017874 A1 | 13/618,960 | ISSUED | US | UTL | Fantasy Sports Trade Evaluator System and Method | 7/12/2011 | 9/14/2012 | 1/17/2013 | 12/10/2013 |
| 8,301,545 | 2012-0290499 | 13/104,769 | ISSUED | US | UTL | Method and Apparatus of Analyzing Social Network Data to Identify a Financial Market Trend | 5/10/2011 | 5/10/2011 | 11/15/2012 | 10/30/2012 |
| | 2013-0024398 A1 | 13/627,603 | PUBLISHED | US | UTL | Method and Apparatus of Analyzing Social Network Data to Identify a Financial Market Trend | 5/10/2011 | 9/26/2012 | 1/24/2013 | |
| 8,851,998 | 2012-0289340 | 13/106,081 | ISSUED | US | UTL | Fantasy Sports Roster Management System and Method | 5/10/2011 | 5/12/2011 | 11/15/2012 | 10/7/2014 |
| 9,442,881 | | 13/222,720 | ISSUED | US | UTL | Anti-spam Transient Entity Classification | 8/31/2011 | 8/31/2011 | | 9/13/2016 |
| | 2017-0012912 A1 | 15/263,238 | PUBLISHED | US | UTL | Anti-spam Transient Entity Classification | 8/31/2011 | 9/12/2016 | 1/12/2017 | |
| 9,519,682 | | 13/117,037 | ISSUED | US | UTL | User Trustworthiness | 5/26/2011 | 5/26/2011 | | 12/13/2016 |
| 8,959,148 | 2013-0097237 A1 | 13/274,954 | ISSUED | US | UTL | SYSTEMS AND METHODS FOR AUTOMATED LABELING OF SOCIAL CONNECTIONS | 10/17/2011 | 10/17/2011 | 4/18/2013 | 2/17/2015 |
| | 2012-0290662 A1 | 13/105,819 | PUBLISHED | US | UTL | Mining email inboxes for suggesting actions | 5/11/2011 | 5/11/2011 | 11/15/2012 | |
| | 2013-0040612 A1 | 13/207,423 | PUBLISHED | US | UTL | Method and System For Group Communication Across Electronic Mail Users and Feature Phone Users | 8/11/2011 | 8/11/2011 | 2/14/2013 | |
| | 2013-0110814 A1 | 13/281,440 | PUBLISHED | US | UTL | CONTEXTUAL SEARCH ON DIGITAL IMAGES | 10/26/2011 | 10/26/2011 | 5/2/2013 | |
| 9,349,129 | 2013-0097285 A1 | 13/274,812 | ISSUED | US | UTL | MEDIA ENRICHMENT SYSTEM AND METHOD | 10/17/2011 | 10/17/2011 | 4/18/2013 | 5/24/2016 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2016-0267548 A1 | 15/160,290 | PUBLISHED | US | UTL | Media Enrichment System and Method | 10/17/2011 | 5/20/2016 | 9/15/2016 | |
| | 2013-0073944 A1 | 13/233,450 | PUBLISHED | US | UTL | METHOD AND SYSTEM FOR DYNAMICALLY PROVIDING CONTEXTUALLY RELEVANT POSTS ON AN ARTICLE | 9/15/2011 | 9/15/2011 | 3/21/2013 | |
| | 2013-0080453 A1 | 13/245,808 | PUBLISHED | US | UTL | METHOD AND SYSTEM FOR DYNAMICALLY PROVIDING CONTEXTUALLY RELEVANT NEWS ON AN ARTICLE | 9/26/2011 | 9/26/2011 | 3/28/2013 | |
| | 2013-0132475 A1 | 13/300,552 | PUBLISHED | US | UTL | METHOD AND SYSTEM FOR ENHANCING USER EXPERIENCE ON A WEB CONTENT PAGE BY CATEGORIZING CONTACTS AND RELEVANT POSTS | 11/19/2011 | 11/19/2011 | 5/23/2013 | |
| | US-2007-0185599-A1 | 11/347,517 | ABANDONED | US | UTL | Sports Player Ranker | 2/3/2006 | 2/3/2006 | 8/9/2007 | |
| | 2013-0166673 A1 | 13/332,696 | PUBLISHED | US | UTL | MISSED MEDIA SYSTEM AND METHOD | 12/21/2011 | 12/21/2011 | 6/27/2013 | |
| 8,788,819 | 2013-0290710 A1 | 13/457,744 | ISSUED | US | UTL | System And Method For A Cloud-Based Electronic Communication Vault | 4/27/2012 | 4/27/2012 | 10/31/2013 | 7/22/2014 |
| 9,576,064 | 2013-0275590 A1 | 13/446,381 | ISSUED | US | UTL | Third Party Program Integrity And Integration Control In Web-Based Applications | 4/13/2012 | 4/13/2012 | 10/17/2013 | 2/21/2017 |
| | 2017-0142117 | 15/420,727 | PUBLISHED | US | UTL | Third Party Program Integrity And Integration Control In Web-Based Applications | 4/13/2012 | 1/31/2017 | 5/18/2017 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2013-0346496 A1 | 13/533,020 | PUBLISHED | US | UTL | System and Method of Predicting Community Member Responsiveness | 6/26/2012 | 6/26/2012 | 12/26/2013 | |
| 8,745,081 | 2013-0246452-A1 | 13/419,091 | ISSUED | US | UTL | Personalization Of News Articles Based On News Sources | 3/13/2012 | 3/13/2012 | 9/19/2013 | 6/3/2014 |
| | 2014-0222800 A1 | 14/249,055 | PUBLISHED | US | UTL | Personalization of News Articles Based on News Sources | 3/13/2012 | 4/9/2014 | 8/7/2014 | |
| | 2013-0290110 A1 | 13/458,897 | PUBLISHED | US | UTL | Systems and methods for personalized generalized content recommendations | 4/27/2012 | 4/27/2012 | 10/31/2013 | |
| | 2013-0290116 A1 | 13/458,976 | PUBLISHED | US | UTL | Infinite Wheel User Interface | 4/27/2012 | 4/27/2012 | 10/31/2013 | |
| | | 29/504,175 | PENDING | US | DES | Display Screen with a Graphical User Interface Displaying a Content Wheel | 4/27/2012 | 10/2/2014 | | |
| | | 29/419,494 | ABANDONED | US | DES | Graphical User Interface | 4/27/2012 | 4/27/2012 | | |
| 8,671,141 | 2014-0006503-A1 | 13/539,949 | ISSUED | US | UTL | Social Networking Feed Delivery System and Method | 7/2/2012 | 7/2/2012 | 1/2/2014 | 3/11/2014 |
| 8,924,492 | 2013-0318175 A1 | 13/481,854 | ISSUED | US | UTL | Method and System for Generating Recipients while Composing Electronic Emails | 5/27/2012 | 5/27/2012 | 11/28/2013 | 12/30/2014 |
| 9,183,564 | 2014-0006073-A1 | 13/538,902 | ISSUED | US | UTL | Framework For Marketplace Analysis | 6/29/2012 | 6/29/2012 | 1/2/2014 | 11/10/2015 |
| | 2016-0063522 A1 | 14/936,021 | PUBLISHED | US | UTL | Framework For Marketplace Analysis | 6/29/2012 | 11/9/2015 | 3/3/2016 | |
| | 2014-0229818 A1 | 13/765,553 | PUBLISHED | US | UTL | Dynamic generation of mobile web experience | 2/12/2013 | 2/12/2013 | 8/14/2014 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,519,659 | 2014-0267219 A1 | 13/894,814 | ISSUED | US | UTL | Media content Enrichment Using an Adapted Object Detector | 3/12/2013 | 5/15/2013 | 9/18/2014 | 12/13/2016 |
| | 2017-0091530 A1 | 15/375,868 | PUBLISHED | US | UTL | Media content Enrichment Using an Adapted Object Detector | 3/12/2013 | 12/12/2016 | 3/30/2017 | |
| 9,152,920 | 2014-0279720 A1 | 13/834,277 | ISSUED | US | UTL | System and Method of Event Publication in a Goal Achievement Platform | 3/15/2013 | 3/15/2013 | 9/18/2014 | 10/6/2015 |
| | 2014-0143682 A1 | 13/680,588 | PUBLISHED | US | UTL | System and Method for Touch-Based Communications | 11/19/2012 | 11/19/2012 | 5/22/2014 | |
| | 2014-0245176 A1 | 13/780,922 | PUBLISHED | US | UTL | Method and System for Displaying Email Messages | 2/28/2013 | 2/28/2013 | 8/28/2014 | |
| D740,854 | | 29/447,038 | ISSUED | US | DES | Portion of a Display Screen with Graphical User Interface | 2/28/2013 | 2/28/2013 | | 10/13/2015 |
| | 2014-0222560 A1 | 13/758,500 | PUBLISHED | US | UTL | System and Method for Monetization in Photo Sharing Sites | 2/4/2013 | 2/4/2013 | 8/7/2014 | |
| D754,185 | | 29/449,283 | ISSUED | US | DES | Display Screen Or Portion Thereof With Transitional Graphical User Interface | 3/14/2013 | 3/14/2013 | | 4/19/2016 |
| | 2015-0025959 A1 | 13/946,047 | PUBLISHED | US | UTL | MAIL FEEDBACK TO THE ADVERTISERS | 7/19/2013 | 7/19/2013 | 1/22/2015 | |
| | 2015-0005072 A1 | 13/928,100 | PUBLISHED | US | UTL | Fantasy Sports with Situational Substitutions of Players | 6/26/2013 | 6/26/2013 | 1/1/2015 | |
| 9,596,205 | 2015-0052203 A1 | 13/966,458 | ISSUED | US | UTL | System and Method for Mailing List Identification and Representation | 8/14/2013 | 8/14/2013 | 2/19/2015 | 3/14/2017 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,411,829 | 2014-0363075 A1 | 13/913,943 | ISSUED | US | UTL | Image Based Faceted System and Method | 6/10/2013 | 6/10/2013 | 12/11/2014 | 8/9/2016 |
| | 2016-0342626 A1 | 15/225,908 | PUBLISHED | US | UTL | Image-Based Faceted System and Method | 6/10/2013 | 8/2/2016 | 11/24/2016 | |
| | 2014-0237425 A1 | 13/772,714 | PUBLISHED | US | UTL | System and Method of Using Context in Selecting a Response to User Device Interaction | 2/21/2013 | 2/21/2013 | 8/21/2014 | |
| | 2014-0358877 A1 | 13/909,233 | PUBLISHED | US | UTL | Method and System Handling Images on a Multi-Touch Device | 6/4/2013 | 6/4/2013 | 12/4/2014 | |
| | 2014-0372951 A1 | 13/916,886 | PUBLISHED | US | UTL | SYSTEMS AND METHODS FOR IMAGE-BASED RECOMMENDATIONS | 6/13/2013 | 6/13/2013 | 12/18/2014 | |
| 9,467,409 | 2014-0359480 A1 | 13/909,534 | ISSUED | US | UTL | System and Method for Contextual Mail Recommendations | 6/4/2013 | 6/4/2013 | 12/4/2014 | 10/11/2016 |
| | 2017-0099244 A1 | 15/289,637 | PUBLISHED | US | UTL | System and Methods for Contextual Mail Recommendations | 6/4/2013 | 10/10/2016 | 4/6/2017 | |
| | 2015-0074191 A1 | 14/024,020 | PUBLISHED | US | UTL | Unified End User Notification Platform | 9/11/2013 | 9/11/2013 | 3/12/2015 | |
| | 2015-0073895 A1 | 14/020,614 | PUBLISHED | US | UTL | SYSTEM AND METHOD FOR IDENTIFICATION OF SUBJECT LINE TEMPLATES | 9/6/2013 | 9/6/2013 | 3/12/2015 | |
| | 2016-0321269 A1 | 15/205,017 | PUBLISHED | US | UTL | Method and Apparatus for Accurate Localization of Points of Interest | 7/30/2013 | 7/8/2016 | 11/3/2016 | |
| 9,304,665 | 2014-0304613 A1 | 13/857,929 | ISSUED | US | UTL | Method and Apparatus for Facilitating Message Selection and Organization | 4/5/2013 | 4/5/2013 | 10/9/2014 | 4/5/2016 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,274,691 | 2014-0304615 A1 | 14/132,617 | ISSUED | US | UTL | Method and Apparatus for Facilitating Message Selection and Organization with Group-Level Actions | 4/5/2013 | 12/18/2013 | 10/9/2014 | 3/1/2016 |
| 9,645,710 | 2016-0210003 A1 | 15/083,905 | ISSUED | US | UTL | Method and Apparatus for Facilitating Message Selection and Organization | 4/5/2013 | 3/29/2016 | 7/21/2016 | 5/9/2017 |
| | | 61/576,549 | CONV PRV | US | PRV | Location-based recommendations | 12/16/2011 | 12/16/2011 | | |
| 9,110,894 | 2013-0159331 A1 | 13/666,844 | ISSUED | US | UTL | Systems and methods for determining related places | 12/16/2011 | 11/1/2012 | 6/20/2013 | 8/18/2015 |
| | | 61/568,188 | CONV PRV | US | PRV | Method and Apparatus for automatically summarizing the contents of electronic documents | 12/8/2011 | 12/8/2011 | | |
| | 2015-0095770 A1 | 14/348,830 | PUBLISHED | US | UTL | Method and Apparatus for automatically summarizing the contents of electronic documents | 12/8/2011 | 11/3/2014 | 4/2/2015 | |
| | 2015-0324069 A1 | 14/427,330 | PUBLISHED | US | UTL | Graphical User Interface for Presenting a Menu of Options | 9/11/2012 | 7/22/2015 | 11/12/2015 | |
| 9,386,432 | 2015-0050921 A1 | 13/964,499 | ISSUED | US | UTL | DISPLAYING LOCATION-BASED IMAGES THAT MATCH THE WEATHER CONDITIONS | 8/12/2013 | 8/12/2013 | 2/19/2015 | 7/5/2016 |
| | | 15/187,069 | PENDING | US | UTL | DISPLAYING LOCATION-BASED IMAGES THAT MATCH THE WEATHER CONDITIONS | 8/12/2013 | 6/20/2016 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2015-0033132 A1 | 13/952,734 | PUBLISHED | US | UTL | METHOD AND SYSTEM FOR DYNAMICALLY CHANGING A HEADER SPACE IN A GRAPHICAL USER INTERFACE | 7/29/2013 | 7/29/2013 | 1/29/2015 | |
| | 2015-0100644 A1 | 14/045,561 | PUBLISHED | US | UTL | Email Frequency And Consolidation Assistant | 10/3/2013 | 10/3/2013 | 4/9/2015 | |
| | 2015-0195224 A1 | 14/150,788 | PUBLISHED | US | UTL | Method and system for classifying man vs. machine generated e-mail | 1/9/2014 | 1/9/2014 | 7/9/2015 | |
| | | 61/253,275 | CONV PRV | US | PRV | METHOD AND SYSTEM FOR ASSEMBLING DYNAMIC ANIMATED MEDIA BASED ON KEYWORD AND STRING INPUT | 10/20/2009 | 10/20/2009 | | |
| 9,177,407 | 2011-0115799 A1 | 12/903,723 | ISSUED | US | UTL | Method and System for Assembling Animated Media Based on Keyword and String Input | 10/20/2009 | 10/13/2010 | 5/19/2011 | 11/3/2015 |
| 9,600,919 | 2017-0060857 A1 | 13/451,483 | ISSUED | US | UTL | Systems and Methods for Assembling and/or Displaying Multimedia Objects, Modules or Presentations | 10/20/2009 | 4/19/2012 | 3/2/2017 | 3/21/2017 |
| | 2016-0055664 A1 | 14/930,470 | PUBLISHED | US | UTL | Method and System for Assembling Animated Media Based on Keyword and String Input | 10/20/2009 | 11/2/2015 | 2/25/2016 | |
| | | 15/464,109 | PENDING | US | UTL | Systems and Methods for Assembling and/or Displaying Multimedia Objects, Modules or Presentations | 10/20/2009 | 3/20/2017 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 61/477,092 | CONV PRV | US | PRV | SYSTEMS AND METHODS FOR ASSEMBLING AND DISPLAYING MEDIA PRESENTATIONS | 4/19/2011 | 4/19/2011 | | |
| | | 61/761,675 | CONV PRV | US | PRV | SYSTEMS AND METHODS OF CAPTURING METADATA AND META-SIGNALS OF RECORDED MEDIA ON MOBILE DEVICES AND AUTO-PUBLISHING EVENT-BASED MEDIA INTO A SYNCHRONIZED, EDITABLE MULTIMEDIA STORY WITH ONE TAP STORYTELLING | 2/6/2013 | 2/6/2013 | | |
| | | 61/578,209 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING CREATION/DISPLAY/UTILIZATION OF INFORMATION MODULES, SUCH AS MULTIMEDIA MODULES | 12/20/2011 | 12/20/2011 | | |
| | | 61/578,226 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING CREATION/DISPLAY/UTILIZATION OF INFORMATION MODULES, SUCH AS MULTIMEDIA MODULES | 12/20/2011 | 12/20/2011 | | |
| | | 61/578,227 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING CREATION/DISPLAY/UTILIZATION OF INFORMATION MODULES, SUCH AS MULTIMEDIA MODULES | 12/20/2011 | 12/20/2011 | | |

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| | | 61/604,485 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING CREATION/DISPLAY/UTILIZATION OF INFORMATION MODULES, SUCH AS MULTIMEDIA MODULES | 2/28/2012 | 2/28/2012 | | |
| | | 61/604,490 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING CREATION/DISPLAY/UTILIZATION OF INFORMATION MODULES, SUCH AS MULTIMEDIA MODULES | 2/28/2012 | 2/28/2012 | | |
| | | 61/604,488 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING CREATION/DISPLAY/UTILIZATION OF INFORMATION MODULES, SUCH AS MULTIMEDIA MODULES | 2/28/2012 | 2/28/2012 | | |
| | | 61/604,487 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING CREATION/DISPLAY/UTILIZATION OF INFORMATION MODULES, SUCH AS MULTIMEDIA MODULES | 2/28/2012 | 2/28/2012 | | |
| | | 61/604,495 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING CREATION/DISPLAY/UTILIZATION OF INFORMATION MODULES, SUCH AS MULTIMEDIA MODULES | 2/28/2012 | 2/28/2012 | | |

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| | | 61/604,496 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING CREATION/DISPLAY/UTILIZATION OF INFORMATION MODULES, SUCH AS MULTIMEDIA MODULES | 2/28/2012 | 2/28/2012 | | |
| | | 61/605,176 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING CREATION/DISPLAY/UTILIZATION OF INFORMATION MODULES, SUCH AS MULTIMEDIA MODULES | 2/29/2012 | 2/29/2012 | | |
| | | 61/605,180 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING CREATION/DISPLAY/UTILIZATION OF INFORMATION MODULES, SUCH AS MULTIMEDIA MODULES | 2/29/2012 | 2/29/2012 | | |
| | | 61/650,998 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING CREATION/DISPLAY/UTILIZATION OF INFORMATION MODULES, SUCH AS MULTIMEDIA MODULES | 5/23/2012 | 5/23/2012 | | |
| | 2017-0064277 A1 | 13/723,171 | PUBLISHED | US | UTL | Systems and Methods Involving Features of Creation/Viewing/Utilization of Information Modules Such as Mixed-Media Modules | 12/20/2011 | 12/20/2012 | 3/2/2017 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2017-0068361 A1 | 13/723,175 | PUBLISHED | US | UTL | Systems and Methods Involving Features of Creation/Viewing/Utilization of Information Modules Such as Mixed-Media Modules | 12/20/2011 | 12/20/2012 | 3/9/2017 | |
| | 2017-0068310 A1 | 13/781,382 | PUBLISHED | US | UTL | Systems And Methods Involving Creation/display/utilization Of Information Modules, Such As Mixed-media And Multimedia Modules | 2/28/2012 | 2/28/2013 | 3/9/2017 | |
| | 2017-0164021 A1 | 13/901,561 | PUBLISHED | US | UTL | SYSTEMS AND METHODS INVOLVING CREATION OF INFORMATION MODULES, INCLUDING SERVER, MEDIA SEARCHING, USER INTERFACE AND/OR OTHER FEATURES | 5/23/2012 | 5/23/2013 | 6/8/2017 | |
| | | 13/717,672 | ABANDONED | US | UTL | SYSTEMS AND METHODS INVOLVING FEATURES OF SEARCH AND/OR SEARCH INTEGRATION | 12/15/2011 | 12/17/2012 | | |
| | | 61/230,957 | CONV PRV | US | PRV | SYSTEMS AND METHODS FOR PROFILE BUILDING | 8/3/2009 | 8/3/2009 | | |
| 8,572,191 | 2011-0029620 A1 | 12/767,764 | ISSUED | US | UTL | SYSTEMS AND METHODS FOR PROFILE BUILDING | 8/3/2009 | 4/26/2010 | 2/3/2011 | 10/29/2013 |
| 9,160,689 | 2014-0052803 A1 | 14/065,268 | ISSUED | US | UTL | Systems and Methods for Profile Building Using Location Information from a User Device | 8/3/2009 | 10/28/2013 | 2/20/2014 | 10/13/2015 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,160,690 | 2014-0052804 A1 | 14/065,296 | ISSUED | US | UTL | Systems and Methods for Event-Based Profile Building | 8/3/2009 | 10/28/2013 | 2/20/2014 | 10/13/2015 |
| 9,021,028 | 2011-0035451 A1 | 12/535,659 | ISSUED | US | UTL | Systems and Methods for Spam filtering | 8/4/2009 | 8/4/2009 | 2/10/2011 | 4/28/2015 |
| | 2015-0229595 A1 | 14/697,089 | PUBLISHED | US | UTL | Systems and Methods for Spam Filtering | 8/4/2009 | 4/27/2015 | 8/13/2015 | |
| 7,930,430 | 2011-0010423 A1 | 12/499,775 | ISSUED | US | UTL | SYSTEMS AND METHODS TO PROVIDE ASSISTANCE DURING ADDRESS INPUT | 7/8/2009 | 7/8/2009 | 1/13/2011 | 4/19/2011 |
| 7,805,492 | | 12/832,029 | ISSUED | US | UTL | SYSTEMS AND METHODS TO PROVIDE ASSISTANCE DURING ADDRESS INPUT | 7/8/2009 | 7/7/2010 | | 9/28/2010 |
| 8,145,791 | 2011-0219317 A1 | 13/090,084 | ISSUED | US | UTL | SYSTEMS AND METHODS TO PROVIDE ASSISTANCE DURING ADDRESS INPUT | 7/8/2009 | 4/19/2011 | 9/8/2011 | 3/27/2012 |
| | 2012-0166999 A1 | 13/411,310 | PUBLISHED | US | UTL | SYSTEMS AND METHODS TO PROVIDE ASSISTANCE DURING USER INPUT | 7/8/2009 | 3/2/2012 | 6/28/2012 | |
| 9,087,323 | 2011-0087969 A1 | 12/579,321 | ISSUED | US | UTL | Systems and Methods to Automatically Generate a Signature Block | 10/14/2009 | 10/14/2009 | 4/14/2011 | 7/21/2015 |
| | | 61/301,173 | CONV PRV | US | PRV | Systems and Methods to Identify Users using an Automated Learning Process | 2/3/2010 | 2/3/2010 | | |
| 8,924,956 | 2011-0191768 A1 | 13/020,774 | ISSUED | US | UTL | Systems and Methods to Identify Users using an Automated Learning Process | 2/3/2010 | 2/3/2011 | 8/4/2011 | 12/30/2014 |
| | 2011-0145192 A1 | 12/638,934 | PUBLISHED | US | UTL | Systems and Methods to Provide Server Side Profile Information | 12/15/2009 | 12/15/2009 | 6/16/2011 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 61/286,165 | CONV PRV | US | PRV | SYSTEMS AND METHODS TO PROVIDE SERVER SIDE PROFILE INFORMATION | 12/14/2009 | 12/14/2009 | | |
| | | 61/261,680 | CONV PRV | US | PRV | Method and System for Collecting and Presenting Historical Communication Data | 11/16/2009 | 11/16/2009 | | |
| 9,514,466 | 2011-0119593 A1 | 12/944,650 | ISSUED | US | UTL | COLLECTING AND PRESENTING DATA INCLUDING LINKS FROM COMMUNICATIONS SENT TO OR FROM A USER | 11/16/2009 | 11/11/2010 | 5/19/2011 | 12/6/2016 |
| | | 15/368,886 | PENDING | US | UTL | Collecting And Presenting Data Including Links From Communications Sent To Or From A User | 11/16/2009 | 12/5/2016 | | |
| | | 61/349,162 | CONV PRV | US | PRV | Presenting a New User Screen in Response to Detection of a User Motion | 5/27/2010 | 5/27/2010 | | |
| 8,982,053 | 2011-0291933 A1 | 13/117,015 | ISSUED | US | UTL | Presenting a New User Screen in Response to Detection of a User Motion | 5/27/2010 | 5/26/2011 | 12/1/2011 | 3/17/2015 |
| 8,754,848 | 2011-0298701 A1 | 13/117,020 | ISSUED | US | UTL | Presenting Information to a User Based on the Current State of a User Device | 5/27/2010 | 5/26/2011 | 12/8/2011 | 6/17/2014 |
| | | 61/301,172 | CONV PRV | US | PRV | Systems and Methods to Provide Profile Information using Servers | 2/3/2010 | 2/3/2010 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2011-0191717 A1 | 12/875,603 | ABANDONED | US | UTL | Presenting Suggestions for User Input Based on Client Device Characteristics | 2/3/2010 | 9/3/2010 | 8/4/2011 | |
| 9,020,938 | 2011-0191340 A1 | 12/875,982 | ISSUED | US | UTL | Providing Profile Information Using Servers | 2/3/2010 | 9/3/2010 | 8/4/2011 | 4/28/2015 |
| 8,423,545 | 2011-0191337 A1 | 12/875,996 | ISSUED | US | UTL | Providing User Input Suggestions for Conflicting Data Using Rank Determinations | 2/3/2010 | 9/3/2010 | 8/4/2011 | 4/16/2013 |
| | 2012-0054681 A1 | 13/289,888 | PUBLISHED | US | UTL | Presenting Suggestions for User Input Based on Client Device Characteristics | 2/3/2010 | 11/4/2011 | 3/1/2012 | |
| | 2014-0095433 A1 | 14/095,886 | PUBLISHED | US | UTL | Providing Profile Information Using Servers | 2/3/2010 | 12/3/2013 | 4/3/2014 | |
| | | 60/951,880 | CONV PRV | US | PRV | Presentation of Personal and Public Data Queried Through Implicit Actions | 7/25/2007 | 7/25/2007 | | |
| 8,600,343 | 2009-0029674 A1 | 12/180,453 | ISSUED | US | UTL | Method and System for Collecting and Presenting Historical Communication Data for a Mobile Device | 7/25/2007 | 7/25/2008 | 1/29/2009 | 12/3/2013 |
| | 2009-0031244 A1 | 12/180,469 | PUBLISHED | US | UTL | Display of Communication System Usage Statistics | 7/25/2007 | 7/25/2008 | 1/29/2009 | |
| | 2009-0106676 A1 | 12/180,471 | PUBLISHED | US | UTL | Application Programming Interfaces for Communication Systems | 7/25/2007 | 7/25/2008 | 4/23/2009 | |
| 9,596,308 | 2009-0106415 A1 | 12/180,475 | ISSUED | US | UTL | Display of Person Based Information Including Person Notes | 7/25/2007 | 7/25/2008 | 4/23/2009 | 3/14/2017 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,298,783 | 2009-0030872 A1 | 12/180,483 | ISSUED | US | UTL | Display of Attachment Based Information within a Messaging System | 7/25/2007 | 7/25/2008 | 1/29/2009 | 3/29/2016 |
| 8,468,168 | 2009-0030940 A1 | 12/180,489 | ISSUED | US | UTL | DISPLAY OF PROFILE INFORMATION BASED ON IMPLICIT ACTIONS | 7/25/2007 | 7/25/2008 | 1/29/2009 | 6/18/2013 |
| 9,275,118 | 2009-0031245 A1 | 12/180,495 | ISSUED | US | UTL | Method and System for Collecting and Presenting Historical Communication Data | 7/25/2007 | 7/25/2008 | 1/29/2009 | 3/1/2016 |
| 9,591,086 | 2009-0030933 A1 | 12/180,498 | ISSUED | US | UTL | Display of Information in Electronic Communications | 7/25/2007 | 7/25/2008 | 1/29/2009 | 3/7/2017 |
| 8,549,412 | 2009-0031232 A1 | 12/180,502 | ISSUED | US | UTL | METHOD AND SYSTEM FOR DISPLAY OF INFORMATION IN A COMMUNICATION SYSTEM GATHERED FROM EXTERNAL SOURCES | 7/25/2007 | 7/25/2008 | 1/29/2009 | 10/1/2013 |
| 8,745,060 | 2009-0030919 A1 | 12/180,503 | ISSUED | US | UTL | Indexing and Searching Content Behind Links Presented in a Communication | 7/25/2007 | 7/25/2008 | 1/29/2009 | 6/3/2014 |
| 9,699,258 | 2014-0087687 A1 | 14/089,590 | ISSUED | US | UTL | Method and System for Collecting and Presenting Historical Communication Data for a Mobile Device | 7/25/2007 | 11/25/2013 | 3/27/2014 | 7/4/2017 |
| 9,058,366 | 2014-0207761 A1 | 14/224,446 | ISSUED | US | UTL | Indexing and Searching Content Behind Links Presented in a Communication | 7/25/2007 | 3/25/2014 | 7/24/2014 | 6/16/2015 |
| | 2016-0070787 A1 | 14/739,370 | PUBLISHED | US | UTL | Indexing and Searching Content Behind Links Presented in a Communication | 7/25/2007 | 6/15/2015 | 3/10/2016 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2016-0182661 A1 | 15/055,777 | PUBLISHED | US | UTL | Method and System for Collecting and Presenting Historical Communication Data | 7/25/2007 | 2/29/2016 | 6/23/2016 | |
| | | 15/456,503 | PENDING | US | UTL | Display of Person Based Information Including Person Notes | 7/25/2007 | 3/11/2017 | | |
| | | 61/018,883 | CONV PRV | US | PRV | Presentation of Organized Personal and Public Data Using Communication Mediums | 1/3/2008 | 1/3/2008 | | |
| 9,584,343 | 2009-0177754 A1 | 12/348,870 | ISSUED | US | UTL | Presentation of Organized Personal and Public Data Using Communication Mediums | 1/3/2008 | 1/5/2009 | 7/9/2009 | 2/28/2017 |
| | | 15/440,527 | PENDING | US | UTL | Presentation of Organized Personal and Public Data Using Communication Mediums | 1/3/2008 | 2/23/2017 | | |
| | | 61/183,315 | CONV PRV | US | PRV | Self Populating Address Book | 6/2/2009 | 6/2/2009 | | |
| 8,661,002 | 2010-0306185 A1 | 12/792,698 | ISSUED | US | UTL | Self Populating Address Book | 6/2/2009 | 6/2/2010 | 12/2/2010 | 2/25/2014 |
| 9,275,126 | 2014-0081914 A1 | 14/084,491 | ISSUED | US | UTL | Self Populating Address Book | 6/2/2009 | 11/19/2013 | 3/20/2014 | 3/1/2016 |
| | 2016-0147899 A1 | 15/013,281 | PUBLISHED | US | UTL | Self Populating Address Book | 6/2/2009 | 2/2/2016 | 5/26/2016 | |
| | | 61/392,441 | CONV PRV | US | PRV | Defining a Social Network Model Implied by Communications Data | 10/12/2010 | 10/12/2010 | | |
| 8,990,323 | 2012-0089690 A1 | 13/272,160 | ISSUED | US | UTL | Defining a Social Network Model Implied by Communications Data | 10/12/2010 | 10/12/2011 | 4/12/2012 | 3/24/2015 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2015-0222719 A1 | 14/616,095 | PUBLISHED | US | UTL | Defining a Social Network Model Implied by Communications Data | 10/12/2010 | 2/6/2015 | 8/6/2015 | |
| | | 61/392,444 | CONV PRV | US | PRV | Locally Hosting a Social Network Using Social Data Stored on a User's Computer | 10/12/2010 | 10/12/2010 | | |
| | 2012-0089678 A1 | 13/272,164 | PUBLISHED | US | UTL | Locally Hosting a Social Network Using Social Data Stored on a User's Computer | 10/12/2010 | 10/12/2011 | 4/12/2012 | |
| | | 61/423,052 | CONV PRV | US | PRV | Sender-Based Ranking of Person Profiles and Multi-Person Automatic Suggestions | 12/14/2010 | 12/14/2010 | | |
| 8,984,074 | 2012-0150979 A1 | 13/324,491 | ISSUED | US | UTL | Sender-Based Ranking of Person Profiles and Multi-Person Automatic Suggestions | 12/14/2010 | 12/13/2011 | 6/14/2012 | 3/17/2015 |
| 9,159,057 | 2015-0074213 A1 | 14/542,160 | ISSUED | US | UTL | Sender-Based Ranking of Person Profiles and Multi-Person Automatic Suggestions | 12/14/2010 | 11/14/2014 | 3/12/2015 | 10/13/2015 |
| | | 61/499,643 | CONV PRV | US | PRV | Systems and Methods to Present Voice Message Information to a User of a Computing Device | 6/21/2011 | 6/21/2011 | | |
| 8,972,257 | 2012-0330658 A1 | 13/528,693 | ISSUED | US | UTL | Systems and Methods to Present Voice Message Information to a User of a Computing Device | 6/21/2011 | 6/20/2012 | 12/27/2012 | 3/3/2015 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,685,158 | 2015-0170650 A1 | 14/634,111 | ISSUED | US | UTL | Systems and Methods to Present Voice Message Information to a User of a Computing Device | 6/21/2011 | 2/27/2015 | 6/18/2015 | 6/20/2017 |
| | | 61/499,652 | CONV PRV | US | PRV | Presenting Favorite Contacts Information to a User of a Computing Device | 6/21/2011 | 6/21/2011 | | |
| | 2012-0331418 A1 | 13/528,697 | PUBLISHED | US | UTL | Presenting Favorite Contacts Information to a User of a Computing Device | 6/21/2011 | 6/20/2012 | 12/27/2012 | |
| | | 61/500,613 | CONV PRV | US | PRV | Personalizing an Online Service Based on Data Collected for a User of a Computing Device | 6/24/2011 | 6/24/2011 | | |
| 8,620,935 | 2012-0330980 A1 | 13/531,337 | ISSUED | US | UTL | Personalizing an Online Service Based on Data Collected for a User of a Computing Device | 6/24/2011 | 6/22/2012 | 12/27/2012 | 12/31/2013 |
| 9,569,529 | 2014-0081964 A1 | 14/084,299 | ISSUED | US | UTL | Personalizing an Online Service Based on Data Collected for a User of a Computing Device | 6/24/2011 | 11/19/2013 | 3/20/2014 | 2/14/2017 |
| 9,501,561 | 2014-0089304 A1 | 14/089,485 | ISSUED | US | UTL | Personalizing an Online Service Based on Data Collected for a User of a Computing Device | 6/24/2011 | 11/25/2013 | 3/27/2014 | 11/22/2016 |
| 9,594,832 | 2014-0089411 A1 | 14/089,506 | ISSUED | US | UTL | Personalizing an Online Service Based on Data Collected for a User of a Computing Device | 6/24/2011 | 11/25/2013 | 3/27/2014 | 3/14/2017 |
| | 2017-0147699 A1 | 15/426,343 | PUBLISHED | US | UTL | Personalizing An Online Service Based On Data Collected For A User Of A Computing Device | 6/24/2011 | 2/7/2017 | 5/25/2017 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 61/503,570 | CONV PRV | US | PRV | Presenting Entity Profile Information to a User of a Computing Device | 6/30/2011 | 6/30/2011 | | |
| | 2013-0007627 A1 | 13/534,612 | PUBLISHED | US | UTL | Presenting Entity Profile Information to a User of a Computing Device | 6/30/2011 | 6/27/2012 | 1/3/2013 | |
| | | 61/423,068 | CONV PRV | US | PRV | Spam Filtering and Person Profiles | 12/14/2010 | 12/14/2010 | | |
| 9,152,952 | 2012-0215861 A1 | 13/324,979 | ISSUED | US | UTL | Spam Filtering and Person Profiles | 12/14/2010 | 12/13/2011 | 8/23/2012 | 10/6/2015 |
| | 2016-0028674 A1 | 14/876,014 | PUBLISHED | US | UTL | Spam Filtering and Person Profiles | 12/14/2010 | 10/6/2015 | 1/28/2016 | |
| | | 61/423,054 | CONV PRV | US | PRV | Generating a Relationship History | 12/14/2010 | 12/14/2010 | | |
| 9,183,544 | 2012-0150978 A1 | 13/324,480 | ISSUED | US | UTL | Generating a Relationship History | 12/14/2010 | 12/13/2011 | 6/14/2012 | 11/10/2015 |
| | 2016-0099900 A1 | 14/936,146 | PUBLISHED | US | UTL | Generating a Relationship History | 12/14/2010 | 11/9/2015 | 4/7/2016 | |
| | 2014-0129569 A1 | 13/667,205 | PUBLISHED | US | UTL | Address Extraction from a Communication | 11/2/2012 | 11/2/2012 | 5/8/2014 | |
| | | 61/616,486 | CONV PRV | US | PRV | USING OBSERVATIONS OF A PERSON TO DETERMINE IF DATA CORRESPONDS TO THE PERSON | 3/28/2012 | 3/28/2012 | | |
| | 2013-0262477 A1 | 13/797,285 | PUBLISHED | US | UTL | Using Observations of A Person to Determine if Data Corresponds to the Person | 3/28/2012 | 3/12/2013 | 10/3/2013 | |
| | 2014-0156650 A1 | 13/693,955 | PUBLISHED | US | UTL | Classifying a Portion of User Contact Data into Local Contacts | 12/4/2012 | 12/4/2012 | 6/5/2014 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 61/821,216 | CONV PRV | US | PRV | Systems and Methods Involving Information Modules Including Smart Scrolling, Layout, Capture, Camera, Display and/or Other Features | 5/8/2013 | 5/8/2013 | | |
| | | 61/815,724 | CONV PRV | US | PRV | SYSTEMS AND METHODS OF INVOLVING INFORMATION MODULES INCLUDING LAYOUT, CAPTURE, CAMERA, DISPLAY AND/OR OTHER FEATURES | 4/24/2013 | 4/24/2013 | | |
| | | 61/739,698 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING INFORMATION MODULES INCLUDING METADATA/METASIGNAL/SHARED MEDIA PROCESSING, AUTO-PUBLISHING, MOBILE DEVICE, FULL STACK AND/OR OTHER FEATURES* | 12/19/2012 | 12/19/2012 | | |
| | | 61/740,416 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING INFORMATION MODULES INCLUDING METADATA/METASIGNAL/SHARED MEDIA PROCESSING, AUTO-PUBLISHING, MOBILE DEVICE, FULL STACK AND/OR OTHER FEATURES* | 12/20/2012 | 12/20/2012 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2014-0173396 A1 | 14/135,235 | PUBLISHED | US | UTL | Method and System for Storytelling on a Computing Device Via a Mixed-Media Module Engine | 12/19/2012 | 12/19/2013 | 6/19/2014 | |
| | 2014-0181010 A1 | 14/135,146 | PUBLISHED | US | UTL | Method and System for Storytelling on a Computing Device Via User Editing | 12/20/2012 | 12/19/2013 | 6/26/2014 | |
| | | 61/658,908 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING FEATURES OF MULTIMEDIA PROCESSING (PARSING, IMAGE SELECTION, ETC.) SEARCH AND/OR SEARCH INTEGRATION | 6/12/2012 | 6/12/2012 | | |
| | | 13/916,562 | PENDING | US | UTL | SYSTEMS AND METHODS INVOLVING INTEGRATION/CREATION OF SEARCH RESULTS MEDIA MODULES | 6/12/2012 | 6/12/2013 | | |
| | | 61/798,000 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING INFORMATION MODULES INCLUDING METADATA/METASIGNAL PROCESSING, AUTO-PUBLISHING, MOBILE DEVICE AND/OR OTHER FEATURES | 12/19/2012 | 12/19/2012 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 61/740,347 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING INFORMATION MODULES INCLUDING METADATA/METASIGNAL PROCESSING, AUTO-PUBLISHING, MOBILE DEVICE AND/OR OTHER FEATURES | 12/20/2012 | 12/20/2012 | | |
| | | 61/740,280 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING INFORMATION MODULES INCLUDING METADATA/METASIGNAL PROCESSING, AUTO-PUBLISHING, MOBILE DEVICE AND/OR OTHER FEATURES | 12/20/2012 | 12/20/2012 | | |
| | 2014-0172856 A1 | 14/134,648 | PUBLISHED | US | UTL | Method and System for Storytelling on a Computing Device | 12/20/2012 | 12/19/2013 | 6/19/2014 | |
| | 2014-0181110 A1 | 14/134,823 | PUBLISHED | US | UTL | Method and System for Storytelling on a Computing Device Via Multiple Sources | 12/20/2012 | 12/19/2013 | 6/26/2014 | |
| | 2014-0172863 A1 | 14/134,976 | PUBLISHED | US | UTL | Method and System for Storytelling on a Computing Device Via Social Media | 12/19/2012 | 12/19/2013 | 6/19/2014 | |
| | | 61/739,669 | CONV PRV | US | PRV | SYSTEMS AND METHODS INVOLVING INFORMATION MODULES INCLUDING AUTO-PUBLISHING, MOBILE DEVICE AND/OR OTHER FEATURES | 12/19/2012 | 12/19/2012 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,413,698 | 2015-0350116 A1 | 14/293,442 | ISSUED | US | UTL | System and Method for Email Pre-Delivery | 6/2/2014 | 6/2/2014 | 12/3/2015 | 8/9/2016 |
| | 2015-0234806 A1 | 14/182,566 | PUBLISHED | US | UTL | Automated Summary and Action Generation for Identified Events | 2/18/2014 | 2/18/2014 | 8/20/2015 | |
| | 2015-0262037 A1 | 14/215,925 | PUBLISHED | US | UTL | Visual Recognition Using Social Links | 3/17/2014 | 3/17/2014 | 9/17/2015 | |
| | 2015-0193122 A1 | 14/147,078 | PUBLISHED | US | UTL | Systems and Methods for Delivering Task-Oriented Content | 1/3/2014 | 1/3/2014 | 7/9/2015 | |
| | 2015-0193440 A1 | 14/147,010 | PUBLISHED | US | UTL | Systems and Methods for Content Processing | 1/3/2014 | 1/3/2014 | 7/9/2015 | |
| D775,183 | | 29/478,368 | ISSUED | US | DES | Display Screen With Transitional Graphical User Interface For A Content Digest | 1/3/2014 | 1/3/2014 | | 12/27/2016 |
| D760791 | | 29/478,380 | ISSUED | US | DES | Animated Graphical User Interface for a Display Screen or Portion Thereof | 1/3/2014 | 1/3/2014 | | 7/5/2016 |
| D760792 | | 29/478,382 | ISSUED | US | DES | Animated Graphical User Interface for a Display Screen or Portion Thereof | 1/3/2014 | 1/3/2014 | | 7/5/2016 |
| 9,465,849 | 2015-0193443 A1 | 14/319,978 | ISSUED | US | UTL | Systems and Methods for Content Processing | 1/3/2014 | 6/30/2014 | 7/9/2015 | 10/11/2016 |
| | | 29/565,871 | PENDING | US | DES | Animated Graphical User Interface for a Display Screen or Portion Thereof | 1/3/2014 | 5/25/2016 | | |
| | | 29/565,901 | PENDING | US | DES | Animated Graphical User Interface for a Display Screen or Portion Thereof | 1/3/2014 | 5/25/2016 | | |
| | 2017-0031654 A1 | 15/289,323 | PUBLISHED | US | UTL | Systems and Methods for Content Processing | 1/3/2014 | 10/10/2016 | 2/2/2017 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 29/585,790 | PENDING | US | DES | Display Screen With Transitional Graphical User Interface For A Content Digest | 1/3/2014 | 11/29/2016 | | |
| | 2015-0195379 A1 | 14/146,986 | PUBLISHED | US | UTL | Systems and Methods for Content Delivery | 1/3/2014 | 1/3/2014 | 7/9/2015 | |
| 9,558,180 | 2015-0193495 A1 | 14/147,001 | ISSUED | US | UTL | Systems and Methods for Quote Extraction | 1/3/2014 | 1/3/2014 | 7/9/2015 | 1/31/2017 |
| | | 15/415,977 | PENDING | US | UTL | Systems and Methods for Quote Extraction | 1/3/2014 | 1/26/2017 | | |
| | 2015-0304367 A1 | 14/255,576 | PUBLISHED | US | UTL | System and Method for Providing Users Feedback Regarding Their Reading Habits | 4/17/2014 | 4/17/2014 | 10/22/2015 | |
| 9,258,566 | 2016-0021373 A1 | 14/334,308 | ISSUED | US | UTL | System and Method of Spherical Image Compression | 7/17/2014 | 7/17/2014 | 1/21/2016 | 2/9/2016 |
| | | 61/649,916 | CONV PRV | US | PRV | Authoring, Archiving, and Delivering Interactive Social Media Videos | 5/21/2012 | 5/21/2012 | | |
| | 2013-0311561 A1 | 13/838,801 | PUBLISHED | US | UTL | Authoring, Archiving, and Delivering Interactive Social Media Videos | 5/21/2012 | 3/15/2013 | 11/21/2013 | |
| | 2013-0311886 A1 | 13/868,005 | PUBLISHED | US | UTL | Interactive Mobile Video Viewing Experience | 5/21/2012 | 4/22/2013 | 11/21/2013 | |
| | 2014-0317510 A1 | 13/867,990 | PUBLISHED | US | UTL | Interactive Mobile Video Authoring Experience | 5/21/2012 | 4/22/2013 | 10/23/2014 | |
| | 2016-0034564 A1 | 14/445,724 | PUBLISHED | US | UTL | Method and System of Generating and Using a Geographical Hierarchy Model | 7/29/2014 | 7/29/2014 | 2/4/2016 | |
| | 2015-0193426 A1 | 14/148,569 | PUBLISHED | US | UTL | Systems and Methods for Image Processing | 1/6/2014 | 1/6/2014 | 7/9/2015 | |

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REEL: 058534 FRAME: 0339

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2016-0034815 A1 | 14/446,495 | PUBLISHED | US | UTL | Enhanced Personalization in Multi-User Devices | 7/30/2014 | 7/30/2014 | 2/4/2016 | |
| 8,433,800 | 2012-0221724 A1 | 13/036,950 | ISSUED | US | UTL | Smart Link System and Method | 2/28/2011 | 2/28/2011 | 8/30/2012 | 4/30/2013 |
| 8,935,400 | 2013-0219065 A1 | 13/855,641 | ISSUED | US | UTL | Smartlink System and Method | 2/28/2011 | 4/2/2013 | 8/22/2013 | 1/13/2015 |
| | | 14/993,458 | PENDING | US | UTL | Smartlink System and Method | 2/28/2011 | 1/12/2016 | | |
| 8,438,245 | 2012-0036225 A1 | 12/852,730 | ISSUED | US | UTL | REMOTE APPLICATION INVOCATION SYSTEM AND METHOD | 8/9/2010 | 8/9/2010 | 2/9/2012 | 5/7/2013 |
| 8,583,795 | 2012-0036226 A1 | 12/908,547 | ISSUED | US | UTL | URI SERVICE SYSTEM AND METHOD | 8/9/2010 | 10/20/2010 | 2/9/2012 | 11/12/2013 |
| 9,065,797 | 2013-0304855 A1 | 13/943,311 | ISSUED | US | UTL | URI SERVICE SYSTEM AND METHOD | 8/9/2010 | 7/16/2013 | 11/14/2013 | 6/23/2015 |
| 9,197,692 | 2013-0219026 A1 | 13/855,649 | ISSUED | US | UTL | Remote Application Invocation System And Method | 8/9/2010 | 4/2/2013 | 8/22/2013 | 11/24/2015 |
| 9,363,337 | 2013-0332518 A1 | 13/966,118 | ISSUED | US | UTL | Conversion Tracking And Context Preserving Systems And Methods | 8/9/2010 | 8/13/2013 | 12/12/2013 | 6/7/2016 |
| 9,413,715 | 2015-0229603 A1 | 14/695,444 | ISSUED | US | UTL | URI Service System and Method | 8/9/2010 | 4/24/2015 | 8/13/2015 | 8/9/2016 |
| | 2016-0283215 A1 | 15/087,593 | PUBLISHED | US | UTL | Conversion Tracking And Context Preserving Systems And Methods | 8/9/2010 | 3/31/2016 | 9/29/2016 | |
| 8,510,368 | 2012-0102087 A1 | 12/908,595 | ISSUED | US | UTL | SHORT URI PAYLOAD-STATUS SYSTEMS AND METHODS | 10/20/2010 | 10/20/2010 | 4/26/2012 | 8/13/2013 |
| | | 61/799,930 | CONV PRV | US | PRV | CONVERSION TRACKING SYSTEM AND METHOD | 3/15/2013 | 3/15/2013 | | |
| 9,317,272 | 2014-0282494 A1 | 14/160,370 | ISSUED | US | UTL | Computerized system and method for creating a resource url for rendering the resource in a resource specific application | 3/15/2013 | 1/21/2014 | 9/18/2014 | 4/19/2016 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2016-0142517 A1 | 15/007,890 | PUBLISHED | US | UTL | Computerized system and method for creating a resource url for rendering the resource in a resource specific application | 3/15/2013 | 1/27/2016 | 5/19/2016 | |
| | 2015-0279390 A1 | 14/224,511 | PUBLISHED | US | UTL | System and Method for Summarizing a Multimedia Content Item | 3/25/2014 | 3/25/2014 | 10/1/2015 | |
| | 2015-0286383 A1 | 14/244,825 | PUBLISHED | US | UTL | Systems and Methods for Delivering Task-Oriented Content Using a Desktop Widget | 4/3/2014 | 4/3/2014 | 10/8/2015 | |
| | 2016-0050254 A1 | 14/460,016 | PUBLISHED | US | UTL | Cross-Device Integration System and Method | 8/14/2014 | 8/14/2014 | 2/18/2016 | |
| 6,502,127 | | 09/227,948 | ISSUED | US | UTL | Computer email with telephony support | 5/11/1998 | 1/11/1999 | | 12/31/2002 |
| | | 61/505,635 | EXPIRED | US | PRV | Automated Presentation of Information Using Infographics | 7/8/2011 | 7/8/2011 | | |
| 9,176,966 | 2013-0187926 A1 | 13/770,525 | ISSUED | US | UTL | Automated Presentation of Information Using Infographics | 7/8/2011 | 2/19/2013 | 7/25/2013 | 11/3/2015 |
| | 2014-0143252 A1 | 14/131,650 | PUBLISHED | US | UTL | Automated Presentation of Information Using Infographics | 7/8/2011 | 1/8/2014 | 5/22/2014 | |
| | 2016-0188682 A1 | 14/930,027 | PUBLISHED | US | UTL | Automated Presentation of Information Using Infographics | 7/8/2011 | 11/2/2015 | 6/30/2016 | |

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REEL: 058534 FRAME: 0341

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,465,956 | 2016-0180112 A1 | 14/581,647 | ISSUED | US | UTL | System and Method for Privacy-Aware Information Extraction and Validation | 12/23/2014 | 12/23/2014 | 6/23/2016 | 10/11/2016 |
| | 2017-0098101 A1 | 15/289,396 | PUBLISHED | US | UTL | System and Method for Privacy-Aware Information Extraction and Validation | 12/23/2014 | 10/10/2016 | 4/6/2017 | |
| | 2015-0304447 A1 | 14/257,469 | PUBLISHED | US | UTL | User Specific Visual Identity Control Across Multiple Platforms | 4/21/2014 | 4/21/2014 | 10/22/2015 | |
| | 2015-0301990 A1 | 14/326,129 | PUBLISHED | US | UTL | User Specific Visual Identity Control Across Multiple Platforms | 4/21/2014 | 7/8/2014 | 10/22/2015 | |
| | 2016-0087925 A1 | 14/495,064 | PUBLISHED | US | UTL | System and Method for Auto-Formatting Messages Based on Learned Message Templates | 9/24/2014 | 9/24/2014 | 3/24/2016 | |
| | 2016-0087924 A1 | 14/492,708 | PUBLISHED | US | UTL | System and Method for Email Message Following from a Userís Inbox | 9/22/2014 | 9/22/2014 | 3/24/2016 | |
| | 2016-0188743 A1 | 14/586,032 | PUBLISHED | US | UTL | System and Method for Programmatically Creating Resource Locators | 12/30/2014 | 12/30/2014 | 6/30/2016 | |
| | 2015-0379152 A1 | 14/319,789 | PUBLISHED | US | UTL | Method and System for Automatic Generation of Personalized Applications | 6/30/2014 | 6/30/2014 | 12/31/2015 | |
| | 2016-0164816 A1 | 14/563,922 | PUBLISHED | US | UTL | System and Method for Self-Destructing Messages | 12/8/2014 | 12/8/2014 | 6/9/2016 | |

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REEL: 058534 FRAME: 0342

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2016-0180380 A1 | 14/575,683 | PUBLISHED | US | UTL | System and Method for Improved Server Performance Based on a Users Messaging Behavior | 12/18/2014 | 12/18/2014 | 6/23/2016 | |
| | 2016-0119268 A1 | 14/524,460 | PUBLISHED | US | UTL | System and Method for Entity Detection in Machine Generated Messages | 10/27/2014 | 10/27/2014 | 4/28/2016 | |
| | 2016-0110794 A1 | 14/518,431 | PUBLISHED | US | UTL | E-Commerce Recommendation System and Method | 10/20/2014 | 10/20/2014 | 4/21/2016 | |
| | 2016-0140451 A1 | 14/543,133 | PUBLISHED | US | UTL | System and Method for Large-Scale Multi-Label Learning Using Incomplete Label Assignments | 11/17/2014 | 11/17/2014 | 5/19/2016 | |
| 8,051,194 | 2010-0306400 A1 | 12/473,006 | ISSUED | US | UTL | Method for Buffer Management for Video Swarms in a Peer-to-Peer Network | 5/27/2009 | 5/27/2009 | 12/2/2010 | 11/1/2011 |
| 8,326,992 | 2010-0306383 A1 | 12/751,306 | ISSUED | US | UTL | Controlling the Provision of Resources for Streaming of Video Swarms in a Peer-to-Peer Network | 5/27/2009 | 3/31/2010 | 12/2/2010 | 12/4/2012 |
| 8,375,129 | 2010-0325283 A1 | 12/871,615 | ISSUED | US | UTL | Method for dynamically adjusting resource nodes in a peer-to-peer network for delivering time-sensitive content | 5/27/2009 | 8/30/2010 | 12/23/2010 | 2/12/2013 |

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REEL: 058534 FRAME: 0343

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2011-0289218 A1 | 13/192,209 | PUBLISHED | US | UTL | Method for actively sharing available bandwidth to consumer nodes in a peer-to-peer network for delivery of video streams | 5/27/2009 | 7/27/2011 | 11/24/2011 | |
| 8,356,111 | 2012-0042093 A1 | 13/279,389 | ISSUED | US | UTL | Method for Buffer Management for Video Swarms in a Peer-to-Peer Network | 5/27/2009 | 10/24/2011 | 2/16/2012 | 1/15/2013 |
| 7,836,184 | 2009-0287821 A1 | 12/120,652 | ISSUED | US | UTL | Method for managing the allocation of resources to channel swarms in a peer-to-peer network | 5/15/2008 | 5/15/2008 | 11/19/2009 | 11/16/2010 |
| 8,346,936 | 2011-0040878 A1 | 12/913,402 | ISSUED | US | UTL | Method for Managing the Allocation of Resources to Channel Swarms in a Peer- to-Peer Network | 5/15/2008 | 10/27/2010 | 2/17/2011 | 1/1/2013 |
| 7,996,546 | 2010-0088422 A1 | 12/244,756 | ISSUED | US | UTL | Dynamic Allocation of a Quota of Consumer Nodes Connecting to a Resource Node of a Peer-to-Peer Network | 10/2/2008 | 10/2/2008 | 4/8/2010 | 8/9/2011 |
| 8,650,301 | 2011-0258322 A1 | 13/167,384 | ISSUED | US | UTL | Adaptive Data Rate Streaming in a Peer-to-Peer Network Delivering Video Content | 10/2/2008 | 6/23/2011 | 10/20/2011 | 2/11/2014 |
| | 2011-0258259 A1 | 13/167,371 | PUBLISHED | US | UTL | Dynamic Allocation of a Quota of Consumer Nodes Connecting to a Resource Node of a Peer-to-Peer Network | 10/2/2008 | 6/23/2011 | 10/20/2011 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,645,561 | 2012-0054361 A1 | 12/871,586 | ISSUED | US | UTL | System and method for real-time transfer of video content to a distribution node of a P2P network over an internet protocol network | 8/30/2010 | 8/30/2010 | 3/1/2012 | 2/4/2014 |
| | | 60/785,991 | CONV PRV | US | PRV | Realtime Media Distribution in a P2P Network | 3/27/2006 | 3/27/2006 | | |
| | | 60/847,677 | CONV PRV | US | PRV | System and methods for Peer-to-Peer Media Streaming | 9/28/2006 | 9/28/2006 | | |
| 7,945,694 | 2009-0248872 A1 | 12/294,836 | ISSUED | US | UTL | Realtime Media Distribution in a P2P Network | 3/27/2006 | 9/26/2008 | 10/1/2009 | 5/17/2011 |
| | 2010-0011103 A1 | 12/443,619 | ABANDONED | US | UTL | System and methods for Peer-to-Peer Media Streaming | 9/28/2006 | 3/30/2009 | 1/14/2010 | |
| 8,095,682 | 2011-0173341 A1 | 13/038,143 | ISSUED | US | UTL | Realtime Media Distribution in a P2P Network | 3/27/2006 | 3/1/2011 | 7/14/2011 | 1/10/2012 |
| | | 60/734,185 | CONV PRV | US | PRV | Real-time generation of customized application executable during installation process for mobile devices | 11/7/2005 | 11/7/2005 | | |
| | | 60/846,285 | CONV PRV | US | PRV | Adaptive deployment of applications for mobile devices | 9/20/2006 | 9/20/2006 | | |
| 8,346,223 | | 11/594,573 | ISSUED | US | UTL | Delivering a customized service to a mobile device using a link | 11/7/2005 | 11/7/2006 | | 1/1/2013 |
| 9,489,187 | 2015-0227356 A1 | 11/594,555 | ISSUED | US | UTL | Adaptive Deployment of Applications for Mobile Devices | 11/7/2005 | 11/7/2006 | 8/13/2015 | 11/8/2016 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 11/594,571 | ABANDONED | US | UTL | Adaptive Deployment of Applications for Mobile Devices | 11/7/2005 | 11/7/2006 | | |
| | 2013-0103804 A1 | 13/715,823 | PUBLISHED | US | UTL | Delivering a Customized Service to a Mobile Device Using a Link | 11/7/2005 | 12/14/2012 | 4/25/2013 | |
| | 2017-0052775 A1 | 15/340,296 | PUBLISHED | US | UTL | Adaptive Deployment of Applications for Mobile Devices | 11/7/2005 | 11/1/2016 | 2/23/2017 | |
| | | 61/678,352 | CONV PRV | US | PRV | Mobile application usage-based revenue targeting systems and methods | 8/1/2012 | 8/1/2012 | | |
| | 2014-0040017 A1 | 13/902,684 | PUBLISHED | US | UTL | Mobile application usage-based revenue targeting systems and methods | 8/1/2012 | 5/24/2013 | 2/6/2014 | |
| | | 11/604,193 | PENDING | US | UTL | Automatic Configuration of Email Client | 11/21/2006 | 11/21/2006 | | |
| | 2016-0147713 A1 | 14/548,852 | PUBLISHED | US | UTL | Automatically Creating at a-Glance Content | 11/20/2014 | 11/20/2014 | 5/26/2016 | |
| | 2016-0077684 A1 | 14/484,155 | PUBLISHED | US | UTL | Systems and Methods for Displaying an Expanding Menu Via a User Interface | 9/11/2014 | 9/11/2014 | 3/17/2016 | |
| D761,833 | | 29/502,113 | ISSUED | US | DES | Display Screen with Graphical User Interface of a Menu for a News digest | 9/11/2014 | 9/11/2014 | | 7/19/2016 |
| | 2016-0139241 A1 | 14/547,553 | PUBLISHED | US | UTL | System and Method for 3D Tracking for Ad-Hoc Cross-Device Interaction | 11/19/2014 | 11/19/2014 | 5/19/2016 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2016-0267637 A1 | 14/656,390 | PUBLISHED | US | UTL | System and Method for Improved Server Performance for a Deep Feature Based Coarse-to-Fine Fast Search | 3/12/2015 | 3/12/2015 | 9/15/2016 | |
| | 2016-0350426 A1 | 14/727,081 | PUBLISHED | US | UTL | Location-Awareness Search Assistance System and Method | 6/1/2015 | 6/1/2015 | 12/1/2016 | |
| | 2016-0188599 A1 | 14/587,585 | PUBLISHED | US | UTL | Electronic Message Search System and Method | 12/31/2014 | 12/31/2014 | 6/30/2016 | |
| | 2016-0364502 A1 | 14/739,487 | PUBLISHED | US | UTL | Seasonal Query Suggestion System and Method | 6/15/2015 | 6/15/2015 | 12/15/2016 | |
| | 2016-0164819 A1 | 14/563,121 | PUBLISHED | US | UTL | System and Method for Triaging in a Message System on Send Flow | 12/8/2014 | 12/8/2014 | 6/9/2016 | |
| | 2016-0189351 A1 | 14/587,888 | PUBLISHED | US | UTL | Stabilizing Content Display on Wearable Devices | 12/31/2014 | 12/31/2014 | 6/30/2016 | |
| | | 60/829,840 | CONV PRV | US | PRV | METHOD AND SYSTEM FOR DISPLAYING PHOTOS, VIDEOS, VIDEOS AND OTHER MEDIA IN FULL SCREEN IMMERSIVE VIEW USING A BROWSER FEATURE | 10/17/2006 | 10/17/2006 | | |
| 8,756,510 | 2008-0092054 A1 | 11/751,540 | ISSUED | US | UTL | METHOD AND SYSTEM FOR DISPLAYING PHOTOS, VIDEOS, RSS AND OTHER MEDIA CONTENT IN FULL-SCREEN IMMERSIVE VIEW AND GRID-VIEW USING A BROWSER FEATURE | 10/17/2006 | 5/21/2007 | 4/17/2008 | 6/17/2014 |

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REEL: 058534 FRAME: 0347

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2008-0091526 A1 | 11/751,577 | PUBLISHED | US | UTL | Method And System For Selecting And Presenting Web Advertisements In A Full-Screen Cinematic View | 10/17/2006 | 5/21/2007 | 4/17/2008 | |
| | | 61/056,808 | CONV PRV | US | PRV | COMMUNICATION CHANNEL FOR SHARING WEB-BASED CONTENT | 5/28/2008 | 5/28/2008 | | |
| 8,533,284 | 2009-0300139 A1 | 12/145,477 | ISSUED | US | UTL | SHARING OF MEDIA AND OTHER CONTENT THROUGH A COMMUNICATION CHANNEL | 5/28/2008 | 6/24/2008 | 12/3/2009 | 9/10/2013 |
| | | 60/753,783 | CONV PRV | US | PRV | Method and system for displaying information on mouseover of hyperlink | 12/23/2005 | 12/23/2005 | | |
| | 2008-0235594 A1 | 11/613,838 | PUBLISHED | US | UTL | METHODS AND SYSTEMS FOR ENHANCING INTERNET EXPERIENCES | 12/23/2005 | 12/20/2006 | 9/25/2008 | |
| | 2008-0022229 A1 | 11/751,585 | ABANDONED | US | UTL | METHODS AND SYSTEMS FOR ENHANCING INTERNET EXPERIENCES USING PREVIEWS | 12/23/2005 | 5/21/2007 | 1/24/2008 | |
| | | 61/283,092 | CONV PRV | US | PRV | Gallery application for content viewing | 11/25/2009 | 11/25/2009 | | |
| 9,152,318 | 2011-0126156 A1 | 12/702,508 | ISSUED | US | UTL | Gallery Application for Content Viewing | 11/25/2009 | 2/9/2010 | 5/26/2011 | 10/6/2015 |
| 9,128,602 | 2011-0126155 A1 | 12/702,555 | ISSUED | US | UTL | Gallery application for content viewing | 11/25/2009 | 2/9/2010 | 5/26/2011 | 9/8/2015 |
| 8,839,128 | 2011-0126148 A1 | 12/702,577 | ISSUED | US | UTL | Gallery application for content viewing | 11/25/2009 | 2/9/2010 | 5/26/2011 | 9/16/2014 |
| | 2016-0026658 A1 | 14/875,954 | PUBLISHED | US | UTL | Gallery Application for Content Viewing | 11/25/2009 | 10/6/2015 | 1/28/2016 | |

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REEL: 058534 FRAME: 0348

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 12/590,187 | PENDING | US | UTL | Browsing multiple images using perspective distortion and scrolling | 11/3/2009 | 11/3/2009 | | |
| | 2017-0068397 | 14/552,358 | PUBLISHED | US | UTL | Browsing multiple images using perspective distortion and scrolling | 11/3/2009 | 11/24/2014 | 3/9/2017 | |
| | | 61/894,419 | EXPIRED | US | PRV | Media Contextualization for Efficient Search, Discovery, and Organization | 10/23/2013 | 10/23/2013 | | |
| | | 61/939,603 | CONV PRV | US | PRV | Automatic Group Formation and Group Detection through Media Recognition | 2/13/2014 | 2/13/2014 | | |
| | 2015-0227609 A1 | 14/622,223 | PUBLISHED | US | UTL | Automatic Group Formation and Group Detection through Media Recognition | 2/13/2014 | 2/13/2015 | 8/13/2015 | |
| | 2017-0005962 A1 | 14/755,518 | PUBLISHED | US | UTL | Method and Apparatus for Predicting Unwanted Electronic Messages for a User | 6/30/2015 | 6/30/2015 | 1/5/2017 | |
| | 2016-0359791 A1 | 14/729,686 | PUBLISHED | US | UTL | Computerized Notification System and Method for Delivering Breaking News Content | 6/3/2015 | 6/3/2015 | 12/8/2016 | |
| | 2016-0359790 A1 | 14/729,614 | PUBLISHED | US | UTL | System and Method for Determining and Delivering Breaking News Utilizing Social Media | 6/3/2015 | 6/3/2015 | 12/8/2016 | |

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REEL: 058534 FRAME: 0349

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2016-0357770 A1 | 14/729,512 | PUBLISHED | US | UTL | System and Method for Automatic Storyline Construction Based on Determined Breaking News | 6/3/2015 | 6/3/2015 | 12/8/2016 | |
| | 2016-0342851 A1 | 14/719,654 | PUBLISHED | US | UTL | Computerized System and Method for Determining Authenticity of Users Via Facial Recognition | 5/22/2015 | 5/22/2015 | 11/24/2016 | |
| | | 61/307,331 | CONV PRV | US | PRV | Animating Changes in Content Layout | 2/23/2010 | 2/23/2010 | | |
| | | 13/033,555 | PENDING | US | UTL | Aminating Changes in Content Layout | 2/23/2010 | 2/23/2011 | | |
| | | 13/033,552 | PENDING | US | UTL | Animating Changes in Content Layout | 2/23/2010 | 2/23/2011 | | |
| | 2016-0342669 A1 | 14/715,012 | PUBLISHED | US | UTL | System and Method for Editing Dynamically Aggregated Data | 5/18/2015 | 5/18/2015 | 11/24/2016 | |
| | 2016-0344730 A1 | 14/717,013 | PUBLISHED | US | UTL | System and Method for Authenticating Users Across Devices | 5/20/2015 | 5/20/2015 | 11/24/2016 | |
| 9,569,696 | 2017-0046598 A1 | 14/824,561 | ISSUED | US | UTL | Media Content Analysis System and Method | 8/12/2015 | 8/12/2015 | 2/16/2017 | 2/14/2017 |
| | 2017-0154245 A1 | 15/431,081 | PUBLISHED | US | UTL | Media Content Analysis System And Method | 8/12/2015 | 2/13/2017 | 6/1/2017 | |
| 9,672,445 | 2017-0039452 A1 | 14/816,516 | ISSUED | US | UTL | Computerized Method And System For Automated Determination Of High Quality Digital Content | 8/3/2015 | 8/3/2015 | 2/9/2017 | 6/6/2017 |
| | | 15/599,525 | PENDING | US | UTL | Computerized Method And System For Automated Determination of High Quality Digital Content | 8/3/2015 | 5/19/2017 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 14/978,560 | PENDING | US | UTL | Size-Optimized Data Interchange Method And System | 12/22/2015 | 12/22/2015 | | |
| | 2016-0299968 A1 | 14/682,654 | PUBLISHED | US | UTL | Topical Based Media Content Summarization System And Method | 4/9/2015 | 4/9/2015 | 10/13/2016 | |
| | 2017-0004374 A1 | 14/755,817 | PUBLISHED | US | UTL | Methods and Systems for Detecting and Recognizing Text from Images | 6/30/2015 | 6/30/2015 | 1/5/2017 | |
| 9,659,214 | 2017-0154216 A1 | 14/953,925 | ISSUED | US | UTL | Locally Optimized Feature Space Encoding of Digital Data and Retrieval Using Such Encoding | 11/30/2015 | 11/30/2015 | 6/1/2017 | 5/23/2017 |
| | | 15/007,401 | PENDING | US | UTL | Computerized system and method for determining and displaying message content in a user's inbox | 1/27/2016 | 1/27/2016 | | |
| | 2016-0323218 A1 | 14/699,378 | PUBLISHED | US | UTL | Computerized System and Method for Selectively Communicating HTML Content to a Useris Inbox as a Native Message | 4/29/2015 | 4/29/2015 | 11/3/2016 | |
| 602,956 | 2017-0064490 A1 | 14/834,582 | ISSUED | US | UTL | System And Method For Device Positioning With Bluetooth Low Energy Distributions | 8/25/2015 | 8/25/2015 | 3/2/2017 | 3/21/2017 |
| | | 15/445,309 | PENDING | US | UTL | System And Method For Device Positioning With Bluetooth Low Energy Distributions | 8/25/2015 | 2/28/2017 | | |

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REEL: 058534 FRAME: 0351

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 14/926,382 | PENDING | US | UTL | Automated Personalized Electronic Message Composition | 10/29/2015 | 10/29/2015 | | |
| | 2017-0095739 A1 | 14/876,101 | PUBLISHED | US | UTL | Fantasy Sports Data Analysis For Game Structure Development | 10/6/2015 | 10/6/2015 | 4/6/2017 | |
| | 2017-0091198 A1 | 14/869,435 | PUBLISHED | US | UTL | Computerized System And Method For Search Query Auto-Completion | 9/29/2015 | 9/29/2015 | 3/30/2017 | |
| | 2017-0164145 A1 | 14/959,277 | PUBLISHED | US | UTL | System and Method for Mobile Device Location Tracking with a Communication Event Trigger in a Wireless Network | 12/4/2015 | 12/4/2015 | 6/8/2017 | |
| | 2017-0062010 A1 | 14/843,185 | PUBLISHED | US | UTL | Computerized System And Method For Formatted Transcription Of Multimedia Content | 9/2/2015 | 9/2/2015 | 3/2/2017 | |
| | 2017-0133054 A1 | 14/933,397 | PUBLISHED | US | UTL | Computerized System and Method for Automatically Extracting GIFS from Videos | 11/5/2015 | 11/5/2015 | 5/11/2017 | |
| | 2017-0105048 A1 | 14/877,201 | PUBLISHED | US | UTL | Computerized System And Method For Determining Media Based On Selected Motion Video Inputs | 10/7/2015 | 10/7/2015 | 4/13/2017 | |
| | | 29/542,178 | PENDING | US | DES | Display Screen with a Media Application User Interface Displaying a Confirmation Page of Installed Applications | 10/12/2015 | 10/12/2015 | | |

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REEL: 058534 FRAME: 0352

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|---|---|---|---|---|---|---|---|---|---|---|
| D774,056 | | 29/542,172 | ISSUED | US | DES | Display Screen With Graphical User Interface | 10/12/2015 | 10/12/2015 | | 12/13/2016 |
| | | 14/886,645 | PENDING | US | UTL | Computerized System and Method for Automatically Creating and Applying a Filter to Alter the Display of Rendered Media | 10/19/2015 | 10/19/2015 | | |
| | 2017-0097969 A1 | 14/875,048 | PUBLISHED | US | UTL | Computerized System And Method For Determining Applications On A Device For Serving Media | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | | 14/985,692 | PENDING | US | UTL | Content-Adaptive Digital Content Adjustment Method And System | 12/31/2015 | 12/31/2015 | | |
| | 2017-0078654 A1 | 14/850,050 | PUBLISHED | US | UTL | Methods And Systems For Generating And Providing Immersive 3D Displays | 9/10/2015 | 9/10/2015 | 3/16/2017 | |
| | | 15/074,585 | PENDING | US | UTL | System and Method of Content Selection Using Selection Activity in Digital Messaging | 3/18/2016 | 3/18/2016 | | |
| | | 15/451,819 | PENDING | US | UTL | Computerized System And Method For Automatically Identifying And Providing Digital Content Based On Physical Geographic Location Data | 3/7/2017 | 3/7/2017 | | |

PATENT
REEL: 058534 FRAME: 0353

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 15/074,028 | PENDING | US | UTL | Computerized System and Method for High-Quality and High-Ranking Digital Content Discovery | 3/18/2016 | 3/18/2016 | | |
| | | 14/984,300 | PENDING | US | UTL | Computerized System And Method For Augmenting Search Terms For Increased Efficiency And Effectiveness In Identifying Content | 12/30/2015 | 12/30/2015 | | |
| | | 15/198,295 | PENDING | US | UTL | Automatic Canonical Digital Image Selection Method and Apparatus | 6/30/2016 | 6/30/2016 | | |
| | | 14/969,795 | PENDING | US | UTL | Computerized System And Method For Determining And Communicating Media Content To A User Based On A Physical Location Of The User | 12/15/2015 | 12/15/2015 | | |
| | | 14/985,844 | PENDING | US | UTL | Computerized System And Method For Modifying A Message To Apply Security Features To The Messageís Content | 12/31/2015 | 12/31/2015 | | |
| | | 15/161,883 | PENDING | US | UTL | Computerized System And Method For Automatically Creating And Communicating Media Streams Of Digital Content | 5/23/2016 | 5/23/2016 | | |
| | | 15/059,596 | PENDING | US | UTL | Electronic Message Composition Support Method and Apparatus | 3/3/2016 | 3/3/2016 | | |

PATENT
REEL: 058534 FRAME: 0354

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 15/285,166 | PENDING | US | UTL | Automatic Electronic Message Content Rating Method And Apparatus | 10/4/2016 | 10/4/2016 | | |
| | | 15/238,278 | PENDING | US | UTL | Automated Connection Of Electronic Messaging And Social Networking Services Method And Apparatus | 8/16/2016 | 8/16/2016 | | |
| | | 15/097,658 | PENDING | US | UTL | Method And System For Selecting Supplemental Content Using Visual Appearance | 4/13/2016 | 4/13/2016 | | |
| | | 62/246,984 | CONV PRV | US | PRV | Method and System for Interacting with Content | 10/27/2015 | 10/27/2015 | | |
| | 2017-0115867 A1 | 14/983,762 | PUBLISHED | US | UTL | Method And System For Interacting With A Touch Screen | 10/27/2015 | 12/30/2015 | 4/27/2017 | |
| | | 15/165,557 | PENDING | US | UTL | Computerized System And Method For Optimizing The Display Of Electronic Content Card Information When Providing Users Digital Content | 5/26/2016 | 5/26/2016 | | |
| | | 15/154,038 | PENDING | US | UTL | Automatic Video Segment Selection Method And Apparatus | 5/13/2016 | 5/13/2016 | | |
| | | 15/150,918 | PENDING | US | UTL | System And Method For Relevance-based Electronic Message Presentation | 5/10/2016 | 5/10/2016 | | |

PATENT
REEL: 058534 FRAME: 0355

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 15/197,806 | PENDING | US | UTL | Computerized Systems And Methods For Authenticating Users On A Network Device Via Dynamically Allocated Authenticating State Machines Hosted On A Computer Network | 6/30/2016 | 6/30/2016 | | |
| | | 15/190,315 | PENDING | US | UTL | Computerized System And Method For Modifying A Media File By Automatically Applying Security Features To Select Portions Of Media File Content | 6/23/2016 | 6/23/2016 | | |
| | | 15/592,703 | PENDING | US | UTL | Automatic Online Activity Abuse Report Accuracy Prediction Method And Apparatus | 5/11/2017 | 5/11/2017 | | |
| | | 15/197,875 | PENDING | US | UTL | Automatic Fantasy Sports Data Analysis Method and Apparatus | 6/30/2016 | 6/30/2016 | | |
| | | 15/088,792 | PENDING | US | UTL | Computerized System And Method For Automatically Detecting And Rendering Highlights From Streaming Videos | 4/1/2016 | 4/1/2016 | | |
| | | 15/408,713 | PENDING | US | UTL | Automatic Token Based Secure Content Streaming Method And Apparatus | 1/18/2017 | 1/18/2017 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 15/209,051 | PENDING | US | UTL | Computerized System And Method For Automatic Highlight Detection From Live Streaming Media And Rendering Within A Specialized Media Player | 7/13/2016 | 7/13/2016 | | |
| | | 15/281,880 | PENDING | US | UTL | Computerized System And Method For Automatically Determining Malicious IP Clusters Using Network Activity Data | 9/30/2016 | 9/30/2016 | | |
| | | 15/200,922 | PENDING | US | UTL | Automatic Social Media Content Timeline Summarization Method and Apparatus | 7/1/2016 | 7/1/2016 | | |
| | | 15/351,482 | PENDING | US | UTL | Computerized System And Method For Automatically Providing Networked Devices Non-Native Functionality | 11/15/2016 | 11/15/2016 | | |
| | | 15/339,830 | PENDING | US | UTL | ASTS-less Block Redundant Electrical Topology with Variable UPS Walk-ins | 10/31/2016 | 10/31/2016 | | |
| | | 15/402,391 | PENDING | US | UTL | Computerized System And Method For Automatically Generating And Providing Interactive Query Suggestions Within An Electronic Mail System | 1/10/2017 | 1/10/2017 | | |

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REEL: 058534 FRAME: 0357

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 15/373,373 | PENDING | US | UTL | Computerized System And Method For Automatically Sharing Device Pairing Credentials Across Multiple Devices | 12/8/2016 | 12/8/2016 | | |
| | | 15/250,990 | PENDING | US | UTL | Computerized System And Method For Automatically Generating High-quality Digital Content Thumbnails From Digital Video | 8/30/2016 | 8/30/2016 | | |
| | | 15/421,033 | PENDING | US | UTL | Computerized System And Method For Automatically Determining And Providing Digital Content Within An Electronic Communication System | 1/31/2017 | 1/31/2017 | | |
| | | 15/483,320 | PENDING | US | UTL | Automatic Peer To Peer Level Of Activity Information Maintenance And Sharing Method And Apparatus | 4/10/2017 | 4/10/2017 | | |
| | | 15/623,668 | PENDING | US | UTL | Computerized System And Method For Automatically Transforming And Providing Domain Specific Chatbot Responses | | 6/15/2017 | | |

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REEL: 058534 FRAME: 0358

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/172,746 | CONV PRV | US | PRV | Content Distribution System for Operations Over an Internetwork Including Content Peering Arrangement | 12/20/1999 | 12/20/1999 | | |
| | US 2011-0137908 A1 | 12/980,162 | ABANDONED | US | UTL | Assigning Into One Set Of Categories Information That Has Been Assigned To Other Sets Of Categories | 2/27/2004 | 12/28/2010 | 6/9/2011 | |
| | | 60/564,196 | CONV PRV | US | PRV | Calendar Alert Integration with Status and Visibility in Instant Messaging Applications | 11/26/2003 | 4/20/2004 | | |
| | US-2005-0114777-A1 | 10/913,696 | ABANDONED | US | UTL | Calendar Alert Integration with Instant Messaging | 4/20/2004 | 8/5/2004 | 5/26/2005 | |
| | 2008-0294609 A1 | 12/170,768 | ABANDONED | US | UTL | Canonicalization Of Terms In A Keyword-Based Presentation System | 4/4/2003 | 7/10/2008 | 11/27/2008 | |
| | | 60/523,844 | CONV PRV | US | PRV | Data Sharing | 11/19/2003 | 11/19/2003 | | |
| | 2007-0033175 A1 | 11/546,136 | ABANDONED | US | UTL | Data Sharing | 11/19/2003 | 10/10/2006 | 2/8/2007 | |
| | | 60/282,303 | CONV PRV | US | PRV | Delta Encoding Using Canonical Base Files | 4/5/2001 | 4/5/2001 | | |
| | US20020147849A1 | 10/117,006 | ABANDONED | US | UTL | Delta Encoding Using Canonical Reference Files | 4/5/2001 | 4/4/2002 | 10/10/2002 | |
| | | 60/137,160 | CONV PRV | US | PRV | System for Bandwidth Allocation in a Computer Network | 6/1/1999 | 6/1/1999 | | |
| | 2005-0021621 A1 | 10/767,227 | ABANDONED | US | UTL | System for Bandwidth Allocation in a Computer Network | 6/1/1999 | 1/28/2004 | 1/27/2005 | |

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REEL: 058534 FRAME: 0359

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/137,153 | CONV PRV | US | PRV | System for Multipoint Infrastructure Transport in a Computer Network | 6/1/1999 | 6/1/1999 | | |
| | | 60/115,454 | CONV PRV | US | PRV | System for Providing Application-Level Features to Multicast Routing in Computer Networks | 1/11/1999 | 1/11/1999 | | |
| | US-2007-0028002-A1 | 11/544,792 | ABANDONED | US | UTL | Performing Multicast Communication In Computer Networks By Using Overlay Routing | 1/11/1999 | 10/5/2006 | 2/1/2007 | |
| | | 60/152,257 | CONV PRV | US | PRV | Proximity-Based Redirection System for Robust & Scalable Service-Nose Location in an Internetwork | 9/3/1999 | 9/3/1999 | | |
| | | 60/217,250 | CONV PRV | US | PRV | Scalable & Programmable Query Distribution & Collection in a Network of Queryable Devices | 7/10/2000 | 7/10/2000 | | |
| | | 60/519,772 | CONV PRV | US | PRV | Wish List | 11/12/2003 | 11/12/2003 | | |
| | 20060101012 | 11/150,045 | ABANDONED | US | UTL | Search System Presenting Active Abstracts Including Linked Terms | 11/11/2004 | 6/10/2005 | 5/11/2006 | |
| | 20060101003 | 11/150,369 | ABANDONED | US | UTL | Document Navigation Via Active Abstracts | 11/11/2004 | 6/10/2005 | 5/11/2006 | |
| | 20080098026 | 11/033,101 | ABANDONED | US | UTL | Inkblot User Interface for Text Selection | 1/10/2005 | 1/10/2005 | 4/24/2008 | |
| | US 2005-0144241 A1 | 10/966,259 | ABANDONED | US | UTL | Systems and Methods for a Search-Based Email Client | 10/17/2003 | 10/15/2004 | 6/30/2005 | |

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REEL: 058534 FRAME: 0360

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2010-0145918-A1 | 12/580,244 | ABANDONED | US | UTL | Systems and Methods for Indexing Content for Fast and Scalable Retrieval | 10/17/2003 | 10/15/2009 | 6/10/2010 | |
| | | 60/525,428 | CONV PRV | US | PRV | Visibility Profiles | 11/26/2003 | 11/26/2003 | | |
| | US-2010-0138403-A1 | 12/697,922 | ABANDONED | US | UTL | System For Modifying Queries Before Presentation To A Sponsored Search Generator Or Other Matching System Where Modifications Improve Coverage Without A Corresponding Reduction In Relevance | 3/10/2005 | 2/1/2010 | 6/3/2010 | |
| | | 60/666,016 | ABANDONED | US | PRV | Voice-Activated Search | 3/28/2005 | 3/28/2005 | | |
| | US-2007-0005606-A1 | 11/213,108 | ABANDONED | US | UTL | Approach For Requesting Web Pages From A Web Server Using Web-Page Specific Cookie Data | 6/29/2005 | 8/25/2005 | 1/4/2007 | |
| | US-2007-0016559-A1 | 11/183,114 | ABANDONED | US | UTL | User entertainment and engagement enhancements to search system | 7/14/2005 | 7/14/2005 | 1/18/2007 | |
| | 2013-0138623-A1 | 13/752,162 | ABANDONED | US | UTL | User Entertainment and Engagement Enhancements to Search System | 7/14/2005 | 1/28/2013 | 5/30/2013 | |
| | | 09/703,343 | ABANDONED | US | UTL | Approach for Tracking Data | 10/31/2000 | 10/31/2000 | | |
| | US-2008-0177732-A1 | 12/039,628 | ABANDONED | US | UTL | Delivering Items Based on Links to Resources Associated with Search Results | 3/31/2004 | 2/28/2008 | 7/24/2008 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 10/161,092 | ABANDONED | US | UTL | Efficient Provision-Side Distribution Control and Preload Architecture | 5/30/2002 | 5/30/2002 | | |
| 8,117,264 | | 10/267,004 | ISSUED | US | UTL | Email System | 10/7/2002 | 10/7/2002 | | 2/14/2012 |
| 8,291,032 | 2012-0136953 | 13/365,690 | ISSUED | US | UTL | Email System | 10/7/2002 | 2/3/2012 | 5/31/2012 | 10/16/2012 |
| | US-2007-0203886-A1 | 11/729,183 | ABANDONED | US | UTL | METHOD AND APPARATUS FOR ACCELERATING AND IMPROVING ACCESS TO NETWORK FILES | 6/18/2002 | 3/27/2007 | 8/30/2007 | |
| | US-2006-0265647-A1 | 11/493,206 | ABANDONED | US | UTL | SYSTEM AND METHOD FOR PROVIDING A WEBPAGE | 6/25/2003 | 7/26/2006 | 11/23/2006 | |
| | US 2005-0273706 A1 | 11/122,992 | ABANDONED | US | UTL | Systems and Methods for Identifying and Extracting Data from HTML Pages | 8/24/2000 | 5/4/2005 | 12/8/2005 | |
| | | 60/504,418 | CONV PRV | US | PRV | User Targeted and content theme integrated display of Sponsored Search Results | 9/19/2003 | 9/19/2003 | | |
| | 2005-0076130-A1 | 10/672,294 | ABANDONED | US | UTL | User Targeted and content theme integrated display of Sponsored Search Results | 9/19/2003 | 9/26/2003 | 4/7/2005 | |
| | | 60/331,331 | CONV PRV | US | PRV | Messenger Controlled Applications in an Instant Messaging Environment | 8/15/2001 | 7/6/2001 | | |
| 7,925,716 | US 2007-0130276 A1 | 11/295,309 | ISSUED | US | UTL | FACILITATING RETRIEVAL OF INFORMATION WITHIN A MESSAGING ENVIRONMENT | 12/5/2005 | 12/5/2005 | 6/7/2007 | 4/12/2011 |

PATENT
REEL: 058534 FRAME: 0362

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,111,260 | 2008-0209309 A1 | 12/116,881 | ISSUED | US | UTL | Facilitating Retrieval Of Information Within A Messaging Environment | 12/5/2005 | 5/7/2008 | 8/28/2008 | 8/18/2015 |
| | US-2007-0022085-A1 | 11/224,887 | ABANDONED | US | UTL | Techniques for Unsupervised Web Content Discovery and Automated Query Generation for Crawling the Hidden Web | 7/22/2005 | 9/12/2005 | 1/25/2007 | |
| | US-2007-0098257-A1 | 11/316,828 | ABANDONED | US | UTL | METHOD AND MECHANISM FOR ANALYZING THE COLOR OF A DIGITAL IMAGE | 10/31/2005 | 12/22/2005 | 5/3/2007 | |
| | US-2007-0083429-A1 | 11/248,738 | ABANDONED | US | UTL | Enabling Contextually Placed Ads In Print Media | 10/11/2005 | 10/11/2005 | 4/12/2007 | |
| | US-2007-0074102-A1 | 11/239,729 | ABANDONED | US | UTL | AUTOMATICALLY DETERMINING TOPICAL REGIONS IN A DOCUMENT | 9/29/2005 | 9/29/2005 | 3/29/2007 | |
| | 20070288473 | 11/450,590 | ABANDONED | US | UTL | Refining Search Engine Data Based on Client Requests | 6/8/2006 | 6/8/2006 | 12/13/2007 | |
| | US-2007-0100800-A1 | 11/264,521 | ABANDONED | US | UTL | Methods for Visually Enhancing the Navigation of Collections of Information | 10/31/2005 | 10/31/2005 | | |
| | US-2007-0100883A1 | 11/263,785 | ABANDONED | US | UTL | Audio Feedback for Actions on a Web Search Page | 10/31/2005 | 10/31/2005 | 5/3/2007 | |
| | US 2007/0260450-A1 | 11/418,886 | ABANDONED | US | UTL | Indexing Parsed Natural Texts for Advanced Search | 5/5/2006 | 5/5/2006 | 11/8/2007 | |
| | 2007-0106657-A1 | 11/270,917 | ABANDONED | US | UTL | Word Sense Disambiguation | 11/10/2005 | 11/10/2005 | 5/10/2007 | |

PATENT
REEL: 058534 FRAME: 0363

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2007-0226206-A1 | 11/388,681 | ABANDONED | US | UTL | Consecutive Crawling to Identify Transient Links | 3/23/2006 | 3/23/2006 | 9/27/2007 | |
| | US-2008-0033996-A1 | 11/499,181 | ABANDONED | US | UTL | Techniques For Approximating The Visual Layout Of A Web Page And Determining The Portion Of The Page Containing The Significant Content | 8/3/2006 | 8/3/2006 | 2/7/2008 | |
| | | 60/755,559 | CONV PRV | US | PRV | Method For Displaying Search Results And Contextually Related Items | 12/29/2005 | 12/29/2005 | | |
| | US-2007-0156654-A1 | 11/370,315 | ABANDONED | US | UTL | Method For Displaying Search Results And Contextually Related Items | 12/29/2005 | 3/7/2006 | 7/5/2007 | |
| | 20070100915 A1 | 11/263,683 | ABANDONED | US | UTL | Methods for Displaying Dynamic Suggestions in a User Interface | 10/31/2005 | 10/31/2005 | 5/3/2007 | |
| | US-2007-0239761-A1 | 11/392,425 | ABANDONED | US | UTL | ASSOCIATING USER-DEFINED TAGS WITH EVENT RECORDS IN AN EVENTS REPOSITORY | 3/28/2006 | 3/28/2006 | 10/11/2007 | |
| | US-2008-0065740-A1 | 11/517,972 | ABANDONED | US | UTL | REPUBLISHING GROUP EVENT DATA | 9/8/2006 | 9/8/2006 | 3/13/2008 | |
| | | 11/586,854 | ABANDONED | US | UTL | IDENTIFYING WEB SPAM USING CHANGES IN SEARCH RESULT RANKINGS OVER TIME | 10/25/2006 | 10/25/2006 | | |
| | | 11/588,620 | ABANDONED | US | UTL | Identifying Web Spam Using Query Diversity In Search Results | 10/27/2006 | 10/27/2006 | | |
| | US-2008-0168113-A1 | 11/650,283 | ABANDONED | US | UTL | Time Blocks and Customizable Time Blocks | 1/5/2007 | 1/5/2007 | 7/10/2008 | |

PATENT
REEL: 058534 FRAME: 0364

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|---|---|---|---|---|---|---|---|---|---|---|
| 7,809,664 | US- 2009-0162824A1 | 11/962,766 | ISSUED | US | UTL | AUTOMATED LEARNING FROM A QUESTION AND ANSWERING NETWORK OF HUMANS | 12/21/2007 | 12/21/2007 | 6/25/2009 | 10/5/2010 |
| | 20070067217 | 11/231,337 | ABANDONED | US | UTL | System and Method for Selecting Advertising | 9/20/2005 | 9/20/2005 | 5/31/2007 | |
| | 20070124208 | 11/586,068 | ABANDONED | US | UTL | Method and Apparatus for Tagging Data | 9/20/2005 | 10/25/2006 | 5/31/2007 | |
| | 2014-0281861 A1 | 14/206,987 | EXPIRED | US | UTL | Method And Apparatus For Tagging Data | 9/20/2005 | 3/12/2014 | 9/18/2014 | |
| | US-2008-0109752-A1 | 11/594,593 | ABANDONED | US | UTL | Expanding Search Query Input Box To Support Livesearch Interaction | 11/7/2006 | 11/7/2006 | 5/8/2008 | |
| | | 10/655,926 | ABANDONED | US | UTL | Adaptive Traffic Bypassing in an Intercepting Network Driver | 9/28/1998 | 9/4/2003 | | |
| | | 60/493,528 | CONV PRV | US | PRV | Interactive Photo Viewing | 8/7/2003 | 8/7/2003 | | |
| | | 10/666,550 | ABANDONED | US | UTL | Real Time Photo Album Sharing | 8/7/2003 | 9/18/2003 | | |
| | | 60/500,176 | CONV PRV | US | PRV | Method for Automatically Identifying Required Job Skills | 9/3/2003 | 9/3/2003 | | |
| 7,826,657 | US-2008-0136834-A1 | 11/637,422 | ISSUED | US | UTL | AUTOMATICALLY GENERATING A CONTENT-BASED QUALITY METRIC FOR DIGITAL IMAGES | 12/11/2006 | 12/11/2006 | 6/12/2008 | 11/2/2010 |
| 8,155,998 | US-2008-0108036-A1 | 11/583,413 | ISSUED | US | UTL | Statistical Credibility Metric for Online Question Answerers | 10/18/2006 | 10/18/2006 | 5/8/2008 | 4/10/2012 |
| 8,676,634 | 2012-0196265A1 | 13/443,825 | ISSUED | US | UTL | Statistical Credibility Metric for Online Question Answerers | 10/18/2006 | 4/10/2012 | 8/2/2012 | 3/18/2014 |

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REEL: 058534 FRAME: 0365

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2012-0196266A1 | 13/443,834 | PUBLISHED | US | UTL | Statistical Credibility Metric for Online Question Answerers | 10/18/2006 | 4/10/2012 | 8/2/2012 | |
| 7,571,145 | 2008-0154819A1 | 11/583,464 | ISSUED | US | UTL | Social Knowledge System Content Quality | 10/18/2006 | 10/18/2006 | 6/26/2008 | 8/4/2009 |
| 7,865,452 | 2009-0276381-A1 | 12/491,133 | ISSUED | US | UTL | Social Knowledge System Content Quality | 10/18/2006 | 6/24/2009 | 11/5/2009 | 1/4/2011 |
| | US-2008-0120257-A1 | 11/702,848 | ABANDONED | US | UTL | AUTOMATIC ONLINE FORM FILLING USING SEMANTIC INFERENCE | 11/20/2006 | 2/5/2007 | 5/22/2008 | |
| | US-2008-0154878-A1 | 11/643,473 | ABANDONED | US | UTL | Diversifying A Set Of Items | 12/20/2006 | 12/20/2006 | 6/26/2008 | |
| | US-2008-0208808-A1 | 11/712,281 | ABANDONED | US | UTL | CONFIGURING SEARCHES | 2/27/2007 | 2/27/2007 | 8/28/2008 | |
| | US-2008-0111814-A1 | 11/600,347 | ABANDONED | US | UTL | Geometric Tagging | 11/15/2006 | 11/15/2006 | 5/15/2008 | |
| | 20080159627 | 11/715,155 | ABANDONED | US | UTL | Part-based pornography detection | 12/27/2006 | 3/6/2007 | 7/3/2008 | |
| | | 11/586,985 | ABANDONED | US | UTL | HIGHLIGHTING RESULTS IN THE RESULTS PAGE BASED ON LEVELS OF TRUST | 10/25/2006 | 10/25/2006 | 5/1/2008 | |
| | US-2009-0019037-A1 | 12/201,262 | ABANDONED | US | UTL | Highlighting Results In The Results Page Based On Levels Of Trust | 10/25/2006 | 8/29/2008 | 1/15/2009 | |
| | US-2008-0159383-A1 | 11/717,507 | ABANDONED | US | UTL | Tagboard for Video Tagging | 12/27/2006 | 3/12/2007 | 7/3/2008 | |
| | US-2009-0116811 A1 | 12/252,023 | ABANDONED | US | UTL | Tagboard for Video Tagging | 12/27/2006 | 10/15/2008 | 5/7/2009 | |
| | US-2008-0159624-A1 | 11/715,051 | ABANDONED | US | UTL | Texture-Based Pornography Detection | 12/27/2006 | 3/6/2007 | 7/3/2008 | |
| 7,756,903 | US-2008-0140806-A1 | 11/638,061 | ISSUED | US | UTL | CONFIGURING A SEARCH ENGINE RESULTS PAGE WITH ENVIRONMENT-SPECIFIC INFORMATION | 12/12/2006 | 12/12/2006 | 6/12/2008 | 7/13/2010 |

PATENT
REEL: 058534 FRAME: 0366

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 61/041,590 | CONV PRV | US | PRV | Open Framework For Integrating, Associating, And Interacting With Search Results | 4/1/2008 | 4/1/2008 | | |
| | US-2009-0234814-A1 | 12/371,915 | ABANDONED | US | UTL | Open Framework For Integrating, Associating, And Interacting With Content Objects | 12/12/2006 | 2/17/2009 | 9/17/2009 | |
| | 2009-0240564-A1 | 12/371,919 | ABANDONED | US | UTL | Open Framework For Integrating, Associating, And Interacting With Content Objects Including Advertisement and Content Personalization | 12/12/2006 | 2/17/2009 | 9/24/2009 | |
| | 2011-0179078 A1 | 13/078,176 | ABANDONED | US | UTL | Open Framework for Integrating, Associating, and Interacting with Content Objects | 12/12/2006 | 4/1/2011 | 7/21/2011 | |
| 9,477,969 | 2012-0166925 A1 | 13/411,223 | ISSUED | US | UTL | Automatic Feed Creation for Non-Feed Enabled Information Objects | 12/12/2006 | 3/2/2012 | 6/28/2012 | 10/25/2016 |
| | 2013 0091116 A1 | 13/649,087 | ABANDONED | US | UTL | Selecting And Presenting Search Results Based On Distinct Taxonomies | 12/12/2006 | 10/10/2012 | 4/11/2013 | |
| | US-2008-0162206-A1 | 11/647,965 | ABANDONED | US | UTL | Rich Media Engagement Market Targeting | 12/28/2006 | 12/28/2006 | 7/3/2008 | |
| 7,805,608 | US-2008-0123861-A1 | 11/592,793 | ISSUED | US | UTL | User Privacy Through One-Sided Cookies | 11/3/2006 | 11/3/2006 | 5/29/2008 | 9/28/2010 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0077198-A1 | 12/269,879 | ABANDONED | US | UTL | Dynamically Constrained, Forward Scheduling Over Uncertain Workloads | 12/19/2006 | 11/12/2008 | 3/19/2009 | |
| | US-2009-0043767-A1 | 11/835,365 | ABANDONED | US | UTL | An Approach For Application-Specific Duplicate Detection | 8/7/2007 | 8/7/2007 | 2/12/2009 | |
| | 20080215564 | 11/713,444 | ABANDONED | US | UTL | QUERY REWRITE | 3/2/2007 | 3/2/2007 | 9/4/2008 | |
| | US-2008-0250107-A1 | 11/696,119 | ABANDONED | US | UTL | Instant Message Archive Viewing | 4/3/2007 | 4/3/2007 | 10/9/2008 | |
| | 20080235567 | 11/762,618 | ABANDONED | US | UTL | INTELLIGENT FORM FILLER | 3/22/2007 | 6/13/2007 | 9/25/2008 | |
| | | 11/787,618 | ABANDONED | US | UTL | Flash Rich Textfields | 4/16/2007 | 4/16/2007 | | |
| 8,930,463 | US-2009-0019117-A1 | 11/775,175 | ISSUED | US | UTL | Super-Emoticons | 7/9/2007 | 7/9/2007 | 1/15/2009 | 1/6/2015 |
| | US-2009-0077472-A1 | 11/855,105 | ABANDONED | US | UTL | Online Profile and IM Graffiti | 9/13/2007 | 9/13/2007 | 3/19/2009 | |
| 7,721,217 | US-2008-0189620-A1 | 11/703,896 | ISSUED | US | UTL | TEMPLATES FOR THEMED INSTANT MESSAGES | 2/7/2007 | 2/7/2007 | 8/7/2008 | 5/18/2010 |
| | 20080232564 | 11/725,789 | ABANDONED | US | UTL | CALL HUNT AND RINGBACK ON THE PHONE THROUGH MESSENGER | 3/19/2007 | 3/19/2007 | 9/25/2008 | |
| | 2008-0276002 | 11/799,763 | ABANDONED | US | UTL | Traffic Routing Based on Client Intelligence | 5/1/2007 | 5/1/2007 | 11/6/2008 | |
| | US-2009-0063538-A1 | 11/847,989 | ABANDONED | US | UTL | A Method for Normalizing Dynamic URLS of Web pages through hierarchical organization of URLs from a web site | 8/30/2007 | 8/30/2007 | 3/5/2009 | |
| | US-2008-0313639-A1 | 11/762,708 | ABANDONED | US | UTL | Policy Based Scheduling of Software Applications | 6/13/2007 | 6/13/2007 | 12/18/2008 | |

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REEL: 058534 FRAME: 0368

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2009-0063227-A1 | 11/966,336 | ABANDONED | US | UTL | System and Method for Providing Advertisements in Connection with Tags of User-Created Content | 8/27/2007 | 12/28/2007 | 3/5/2009 | |
| 8,775,561 | US-2008-0250322-A1 | 11/696,058 | ISSUED | US | UTL | Expanding a Social Network by the Action of a Single User | 4/3/2007 | 4/3/2007 | 10/9/2008 | 7/8/2014 |
| 9,495,716 | 2014-0310368 A1 | 14/317,915 | ISSUED | US | UTL | Expanding a Social Network by the Action of a Single User | 4/3/2007 | 6/27/2014 | 10/16/2014 | 11/15/2016 |
| | 2009-0132515 | 11/942,410 | ABANDONED | US | UTL | Method And Apparatus For Performing Multi-Phase Ranking Of Web Search Results By Re-Ranking Results Using Feature And Label Calibration | 11/19/2007 | 11/19/2007 | 5/21/2009 | |
| | US-2009-0043749-A1 | 11/834,619 | ABANDONED | US | UTL | EXTRACTING QUERY INTENT FROM QUERY LOGS | 8/6/2007 | 8/6/2007 | 2/12/2009 | |
| | 20080208836 | 11/710,097 | ABANDONED | US | UTL | REGRESSION FRAMEWORK FOR LEARNING RANKING FUNCTIONS USING RELATIVE PREFERENCES | 2/23/2007 | 2/23/2007 | 8/28/2008 | |
| | 2009-0063294A1 | 11/850,483 | ABANDONED | US | UTL | Scoring Feed Data Quality | 9/5/2007 | 9/5/2007 | 3/5/2009 | |
| | | 60/285,083 | ABANDONED | US | PRV | Phonetic self-improving search engine | 4/20/2001 | 4/20/2001 | | |
| | 2009-0083266 | 11/935,622 | ABANDONED | US | UTL | TECHNIQUES FOR TOKENIZING URLS | 9/20/2007 | 11/6/2007 | 3/26/2009 | |
| | | 11/937,417 | ABANDONED | US | UTL | TECHNIQUES FOR KEYWORD EXTRACTION FROM URLS USING STATISTICAL ANALYSIS | 9/27/2007 | 11/8/2007 | | |

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REEL: 058534 FRAME: 0369

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2008-0256199-A1 | 11/758,127 | ABANDONED | US | UTL | ATTACHING FILES FROM THE ATTACHMENTS AVAILABLE IN A USERiS MAIL BOX | 4/11/2007 | 6/5/2007 | 10/16/2008 | |
| | US-2009-0013033-A1 | 11/825,392 | ABANDONED | US | UTL | Identifying Excessively Reciprocal Links Among Web Entities | 7/6/2007 | 7/6/2007 | 1/8/2009 | |
| | 20080209316 | 11/679,796 | ABANDONED | US | UTL | System and Method of Implementing an Extensible Command-Line Interface | 2/27/2007 | 2/27/2007 | 8/28/2008 | |
| | 2009-0019053-A1 | 11/777,580 | ABANDONED | US | UTL | Method for searching, marketting and purchasing fashion garments | 7/13/2007 | 7/13/2007 | 1/15/2009 | |
| | US-2009-0024583-A1 | 11/855,962 | ABANDONED | US | UTL | Techniques in Using Feedback in Crawling Web Content | 7/18/2007 | 9/14/2007 | 1/22/2009 | |
| | US-2009-0106387-A1 | 11/961,870 | ABANDONED | US | UTL | CIDR based caching at Application Layer | 10/18/2007 | 12/20/2007 | 4/23/2009 | |
| | | 60/979,777 | CONV PRV | US | PRV | Method and Apparatus for Providing Rich Media in Web-Based Data Interferences | 10/12/2007 | 10/12/2007 | | |
| | 2009-0100332 A1 | 12/211,770 | PUBLISHED | US | UTL | Integrating Rich Media Into A Web-Based Calendar | 10/12/2007 | 9/16/2008 | 4/16/2009 | |
| | 2009-0030707 A1 | 11/781,578 | ABANDONED | US | UTL | System and Method of Researching Real Estate | 7/23/2007 | 7/23/2007 | 1/29/2009 | |
| 8,209,384 | US-2009-0106376-A1 | 11/877,604 | ISSUED | US | UTL | Persistent Group-Based Instant Messaging | 10/23/2007 | 10/23/2007 | 4/23/2009 | 6/26/2012 |
| 7,917,591 | 2009-0030991 | 11/828,218 | ISSUED | US | UTL | System and Method For Streaming Videos Inline With An E-Mail | 7/25/2007 | 7/25/2007 | 1/29/2009 | 3/29/2011 |
| D593114 | | 29/284,903 | ISSUED | US | DES | Graphical User Interface for a Video Inbox | 9/18/2007 | 9/18/2007 | | 5/26/2009 |

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REEL: 058534 FRAME: 0370

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0125529A1 | 11/938,736 | ABANDONED | US | UTL | Extracting Information Based On Document Structure And Characteristics Of Attributes | 11/12/2007 | 11/12/2007 | 5/14/2009 | |
| | 2009-0245114 A1 | 12/060,619 | ABANDONED | US | UTL | Methods for Collecting and Analyzing Network Performance Data | 4/1/2008 | 4/1/2008 | 10/1/2009 | |
| | 2009-0172192 A1 | 11/966,989 | ABANDONED | US | UTL | MAPLESS GLOBAL SERVER LOAD BALANCING OF NETWORK TRAFFIC USING ANYCAST ROUTING | 12/28/2007 | 12/28/2007 | 7/2/2009 | |
| | US 2011-0145405 A1 | 13/033,467 | ABANDONED | US | UTL | Methods for Collecting and Analyzing Network Performance Data | 4/1/2008 | 2/23/2011 | 6/16/2011 | |
| | 2009-0228441A1 | 12/044,885 | ABANDONED | US | UTL | Collaborative Internet Image-Searching Techniques | 3/7/2008 | 3/7/2008 | 9/10/2009 | |
| | US-2009-0157576A1 | 11/958,183 | ABANDONED | US | UTL | Measuring And Limiting Distractions On Computer Displays | 12/17/2007 | 12/17/2007 | 6/18/2009 | |
| | US-2009-0055200-A1 | 11/841,558 | ABANDONED | US | UTL | IDENTIFYING AND VALIDATING FACTORS THAT HAVE PARTICULAR EFFECTS ON USER BEHAVIOR | 8/20/2007 | 8/20/2007 | 2/26/2009 | |
| | US-2009-0199047-A1 | 12/023,608 | ABANDONED | US | UTL | Executing Software Performance Test Jobs In A Clustered System | 1/31/2008 | 1/31/2008 | 8/6/2009 | |
| | US-2009-0199160-A1 | 12/023,613 | ABANDONED | US | UTL | Centralized System For Analyzing Software Performance Metrics | 1/31/2008 | 1/31/2008 | 8/6/2009 | |
| | US-2009-0150564-A1 | 11/953,582 | ABANDONED | US | UTL | Per-User Bandwidth Availability | 12/10/2007 | 12/10/2007 | 6/11/2009 | |
| | 2009-0204575-A1 | 12/027,860 | ABANDONED | US | UTL | Modular Web Crawling Policies and Metrics | 2/7/2008 | 2/7/2008 | 8/13/2009 | |

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REEL: 058534 FRAME: 0371

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|---|---|---|---|---|---|---|---|---|---|---|
| 7,774,330 | US-2009-0138495-A1 | 11/945,186 | ISSUED | US | UTL | Method And System of Providing User Augmented Content | 11/26/2007 | 11/26/2007 | 5/28/2009 | 8/10/2010 |
| | 20090094200 | 11/868,396 | ABANDONED | US | UTL | Method For Admission-Controlled Caching | 10/5/2007 | 10/5/2007 | 4/9/2009 | |
| | US-2009-0106639-A1 | 11/874,171 | ABANDONED | US | UTL | System and Method for an Extensible Media Player | 10/17/2007 | 10/17/2007 | 4/23/2009 | |
| | US-2009-0125812-A1 | 12/355,661 | ABANDONED | US | UTL | System and Method for an Extensible Media Player | 10/17/2007 | 1/16/2009 | 5/14/2009 | |
| | 2009-0248656-A1 | 12/055,968 | ABANDONED | US | UTL | Search Engine Relevance Tuning Based on Instant Messaging (Influence Search Results Using IMs) | 3/26/2008 | 3/26/2008 | 10/1/2009 | |
| 8,671,428 | 20090125951 | 11/936,982 | ISSUED | US | UTL | System And Method For A Personal Video Inbox Channel | 11/8/2007 | 11/8/2007 | 5/14/2009 | 3/11/2014 |
| 8,510,391 | 2009-0164582A1 | 11/961,853 | ISSUED | US | UTL | Jury System For Use In Online Answers Environment | 12/20/2007 | 12/20/2007 | 6/25/2009 | 8/13/2013 |
| 8,819,158 | 2013-0346322 A1 | 13/939,114 | ISSUED | US | UTL | Jury System For Use In Online Answers Environment | 12/20/2007 | 7/10/2013 | 12/26/2013 | 8/26/2014 |
| | 2010-0057857 | 12/199,553 | ABANDONED | US | UTL | Allowing An Instant Messaging User To Communicate With Other Instant Messaging Users | 8/27/2008 | 8/27/2008 | 3/4/2010 | |
| | US-2009-0204889A1 | 12/030,301 | ABANDONED | US | UTL | Adaptive Sampling of Web Page for Extraction | 2/13/2008 | 2/13/2008 | 8/13/2009 | |
| | 2010-0058006A1 | 12/198,363 | ABANDONED | US | UTL | Document Caching For Multiple Concurrent Workflows | 8/26/2008 | 8/26/2008 | 3/4/2010 | |

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REEL: 058534 FRAME: 0372

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|---|---|---|---|---|---|---|---|---|---|---|
| | US 2009-0210429 A1 | 12/070,607 | ABANDONED | US | UTL | System and Method for Asynchronous Update of Indexes in a Distributed Database | 2/19/2008 | 2/19/2008 | 8/20/2009 | |
| | US-2009-0182614-A1 | 12/013,381 | ABANDONED | US | UTL | System And Method For Serving Advertisements According To Network Traffic | 1/11/2008 | 1/11/2008 | 7/16/2009 | |
| | | 13/117,869 | ABANDONED | US | UTL | Real Time Expert Dialog Service | 5/22/2008 | 5/27/2011 | | |
| 5,978,841 | | 08/813,544 | EXPIRED | US | UTL | Look Ahead Caching Process For Improved Information Retrieval Response Time By Caching Bodies Of Information Before They Are Requested By The User | 3/8/1996 | 3/7/1997 | | 11/2/1999 |
| 8,752,185 | US-2009-0276468-A1 | 12/113,893 | ISSUED | US | UTL | Method For Media Fingerprinting | 5/1/2008 | 5/1/2008 | 11/5/2009 | 6/10/2014 |
| | 2009-0254523 | 12/098,376 | ABANDONED | US | UTL | Hybrid Term and Document-Based Indexing for Search Query Resolution | 4/4/2008 | 4/4/2008 | 10/8/2009 | |
| | US-2010-0205184-A1 | 12/368,932 | ABANDONED | US | UTL | Using Specificity Measures to Rank Documents | 2/10/2009 | 2/10/2009 | 8/12/2010 | |
| | 2009-0307329-A1 | 12/135,095 | ABANDONED | US | UTL | Adaptive File Placement in a Distributed File System | 6/6/2008 | 6/6/2008 | 12/10/2009 | |
| 8,140,566 | US 2009-0234815-A1 | 12/371,916 | ISSUED | US | UTL | Open Framework For Integrating, Associating, And Interacting With Content Objects Including Automatic Feed Creation | 12/12/2006 | 2/17/2009 | 9/17/2009 | 3/20/2012 |

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REEL: 058534 FRAME: 0373

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2010-0036865 | 12/188,169 | ABANDONED | US | UTL | Method For Generating Score-Optimal R-Trees | 8/7/2008 | 8/7/2008 | 2/11/2010 | |
| | 2010-0124991 | 12/273,488 | EXPIRED | US | UTL | Game and Market Mechanisms for Virtual Real Estate | 11/18/2008 | 11/18/2008 | 5/20/2010 | |
| | US 2010-0082684 A1 | 12/243,910 | ABANDONED | US | UTL | Method and System for Providing Personalized Web Experience | 10/1/2008 | 10/1/2008 | 4/1/2010 | |
| | 2010-0088148-A1 | 12/244,121 | ABANDONED | US | UTL | System And Methodology For Recommending Purchases For A Shopping Intent | 10/2/2008 | 10/2/2008 | 4/8/2010 | |
| | 2010-0114878 | 12/256,371 | ABANDONED | US | UTL | Selective Term Weighting for Web Search Based on Automatic Semantic Parsing | 10/22/2008 | 10/22/2008 | 5/6/2010 | |
| | 2010-0094835 | 12/252,220 | ABANDONED | US | UTL | Automatic Query Concepts Identification And Drifting For Web Search | 10/15/2008 | 10/15/2008 | 4/15/2010 | |
| | US-2010-0076979-A1 | 12/264,790 | ABANDONED | US | UTL | Performing Search Query Dimensional Analysis on Heterogeneous Structured Data Based on Relative Density | 11/4/2008 | 11/4/2008 | 3/25/2010 | |
| | US-2010-0076952-A1 | 12/242,272 | ABANDONED | US | UTL | Self Contained Multi-Dimensional Traffic Data Reporting And Analysis In A Large Scale Search Hosting System | 9/5/2008 | 9/30/2008 | 3/25/2010 | |
| | US-2010-0082653A1 | 12/240,862 | ABANDONED | US | UTL | Event Media Search | 9/29/2008 | 9/29/2008 | 4/1/2010 | |

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REEL: 058534 FRAME: 0374

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2010-0094826-A1 | 12/251,146 | ABANDONED | US | UTL | System for resolving entities in text into real world objects using context | 10/14/2008 | 10/14/2008 | 4/15/2010 | |
| | US-2009-0106315-A1 | 12/165,290 | ABANDONED | US | UTL | Extensions for System and Method for an Extensible Media Player | 6/30/2008 | 6/30/2008 | 4/23/2009 | |
| | 2010-0131517 | 12/275,593 | ABANDONED | US | UTL | System and Method For Ranking And Grouping Results Of Code Searches | 11/21/2008 | 11/21/2008 | 5/27/2010 | |
| | US-2010-0106719-A1 | 12/257,211 | ABANDONED | US | UTL | Context-sensitive search | 10/23/2008 | 10/23/2008 | 4/29/2010 | |
| | 2010-0121676 | 12/268,998 | ABANDONED | US | UTL | Method and System for Logging Impressions of Online Advertisements | 11/11/2008 | 11/11/2008 | 5/13/2010 | |
| | US-2010-0198816-A1 | 12/362,896 | ABANDONED | US | UTL | Automatic image selection for news result summarization | 1/30/2009 | 1/30/2009 | 8/5/2010 | |
| | 2010-0161592 A1 | 12/341,909 | EXPIRED | US | UTL | Query Intent Determination Using Social Tagging | 12/22/2008 | 12/22/2008 | 6/24/2010 | |
| | US- 2010-0161414A1 | 12/339,124 | ABANDONED | US | UTL | System And Method For Advertising Using Classification Information | 12/19/2008 | 12/19/2008 | 6/24/2010 | |
| | 2010-0104004 | 12/258,238 | ABANDONED | US | UTL | Video Encoding For Mobile Devices | 10/24/2008 | 10/24/2008 | 4/29/2010 | |
| | 5,737,352 | 08/745,761 | EXPIRED | US | UTL | Semiconductor Diode Laser, In Particular A Laser Amplifier, And Method Of Manufacturing This Laser | 11/8/1996 | 11/8/1996 | | 4/7/1998 |

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REEL: 058534 FRAME: 0375

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|---|---|---|---|---|---|---|---|---|---|---|
| 5,740,293 | | 08/598,879 | EXPIRED | US | UTL | Optoelectronic device with a coupling between a semiconductor diode laser modulator or amplifier and two optical glass fibres | 2/9/1996 | 2/9/1996 | | 4/14/1998 |
| | 2010-0121801A1 | 12/267,538 | ABANDONED | US | UTL | Enhanced Matching through Explore/Exploit Schemes | 11/7/2008 | 11/7/2008 | 5/13/2010 | |
| | 2010-0241597 | 12/407,785 | ABANDONED | US | UTL | Dynamic Estimation Of The Popularity Of Web Content | 3/19/2009 | 3/19/2009 | 9/23/2010 | |
| | 2010-0131499-A1 | 12/277,242 | ABANDONED | US | UTL | Clustering Image Search Results Through Folding | 11/24/2008 | 11/24/2008 | 5/27/2010 | |
| | 2010-0169311-A1 | 12/346,483 | ABANDONED | US | UTL | Approaches for the Unsupervised Creation of Structural Templates for Electronic Documents | 12/30/2008 | 12/30/2008 | 7/1/2010 | |
| | 2010-0223214 | 12/395,586 | ABANDONED | US | UTL | Automatic Extraction Using Machine Learning Based Robust Structural Extractors | 2/27/2009 | 2/27/2009 | 9/2/2010 | |
| | 2010-0228738 | 12/398,162 | ABANDONED | US | UTL | Adaptive Document Sampling For Information Extraction | 3/4/2009 | 3/4/2009 | 9/9/2010 | |
| | US-2010-0185684-A1 | 12/351,676 | ABANDONED | US | UTL | High Precision Multi Entity Extraction | 1/9/2009 | 1/9/2009 | 7/22/2010 | |
| | 2010-0094846-A1 | 12/371,410 | ABANDONED | US | UTL | Leveraging an Informational Resource for Doing Disambiguation | 2/13/2009 | 2/13/2009 | 4/15/2010 | |

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REEL: 058534 FRAME: 0376

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2010-0153371A1 | 12/335,666 | ABANDONED | US | UTL | METHOD AND APPARATUS FOR BLENDING SEARCH RESULTS | 12/16/2008 | 12/16/2008 | 6/17/2010 | |
| | 2010-0293175 | 12/464,660 | ABANDONED | US | UTL | Feature Normalization And Adaptation To Build A Universal Ranking Function | 5/12/2009 | 5/12/2009 | 11/18/2010 | |
| | 2010-0250528 | 12/412,252 | ABANDONED | US | UTL | Quicklink Selection for Navigational Query Results | 3/26/2009 | 3/26/2009 | 9/30/2010 | |
| | 2010-0094855A1 | 12/394,930 | ABANDONED | US | UTL | A System For Transforming Queries Using Object Identification | 2/27/2009 | 2/27/2009 | 4/15/2010 | |
| | 2010-0257440 | 12/416,381 | ABANDONED | US | UTL | High Precision Web Extraction Using Site Knowledge | 4/1/2009 | 4/1/2009 | 10/7/2010 | |
| | 2010-0318533 | 12/482,377 | ABANDONED | US | UTL | Enriched Document Representations using Aggregated Anchor Text | 6/10/2009 | 6/10/2009 | 12/16/2010 | |
| | 2010-0191574-A1 | 12/361,698 | EXPIRED | US | UTL | Maximizing Content and Advertiser Impressions Using a Single Common Identifier | 1/29/2009 | 1/29/2009 | 7/29/2010 | |
| | | 15/187,250 | PENDING | US | UTL | Maximizing Relevance Of Delivered Data Using A Single Common Identifier | 1/29/2009 | 6/20/2016 | | |
| 8,214,390 | 2010-0313139 | 12/477,815 | ISSUED | US | UTL | Binary Interest Vector For Better Audience Targeting | 6/3/2009 | 6/3/2009 | 12/9/2010 | 7/3/2012 |
| | 2010-0325129 | 12/488,134 | ABANDONED | US | UTL | Determining the Geographic Scope of Web Resources Using User Click Data | 6/19/2009 | 6/19/2009 | 12/23/2010 | |

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REEL: 058534 FRAME: 0377

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2011-0035367 | 12/538,070 | ABANDONED | US | UTL | Methods and System for Efficient Crawling of Advertiser Landing Page URLs | 8/7/2009 | 8/7/2009 | 2/10/2011 | |
| | 2010-02100312778 | 12/480,628 | ABANDONED | US | UTL | Predictive Person Name Variants For Web Search | 6/8/2009 | 6/8/2009 | 12/9/2010 | |
| | 2011-0082770 | 12/574,410 | ABANDONED | US | UTL | User-Initiated Buyer-Vendor Match Search | 10/6/2009 | 10/6/2009 | 4/7/2011 | |
| | 2011-0113063 A1 | 12/615,243 | ABANDONED | US | UTL | Method And System For Brand Name Identification | 11/9/2009 | 11/9/2009 | | |
| 8,868,569 | 2011-0208744 | 12/712,149 | ISSUED | US | UTL | Methods for Detecting and Removing Duplicates in Video Search Results | 2/24/2010 | 2/24/2010 | 8/25/2011 | 10/21/2014 |
| | 2011-0173177 | 12/685,345 | ABANDONED | US | UTL | Sightful cache: Efficient invalidation for search engine caching | 1/11/2010 | 1/11/2010 | 7/14/2011 | |
| | 2011-0178868 | 12/691,640 | EXPIRED | US | UTL | Enhancing Search Result Pages Using Content Licensed From Content Providers | 1/21/2010 | 1/21/2010 | 7/21/2011 | |
| | 2012-0054275 | 12/861,936 | PUBLISHED | US | UTL | Method Of Recommending Content Via Social Signals | 8/24/2010 | 8/24/2010 | 3/1/2012 | |
| | 2016-0110464 A1 | 14/985,171 | PUBLISHED | US | UTL | Method Of Recommending Content Via Social Signals | 8/24/2010 | 12/30/2015 | 4/21/2016 | |
| 9,317,595 | 2012-0143595 A1 | 12/960,828 | ISSUED | US | UTL | Fast Title/Summary Extraction From Long Descriptions | 12/6/2010 | 12/6/2010 | 6/7/2012 | 4/19/2016 |
| 8,600,979 | 2011-0320437 | 12/825,304 | ISSUED | US | UTL | Infinite Browse | 6/28/2010 | 6/28/2010 | 12/29/2011 | 12/3/2013 |
| 9,355,185 | 2014-0143243 A1 | 14/083,320 | ISSUED | US | UTL | Infinite Browse | 6/28/2010 | 11/18/2013 | 5/22/2014 | 5/31/2016 |

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REEL: 058534 FRAME: 0378

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2013-0204833 A1 | 13/364,369 | PUBLISHED | US | UTL | Personalized Recommendation of User Comments | 2/2/2012 | 2/2/2012 | 8/8/2013 | |
| 9,600,169 | 2013-0227418 A1 | 13/405,708 | ISSUED | US | UTL | Customizable Gestures For Mobile Devices | 2/27/2012 | 2/27/2012 | 8/29/2013 | 3/21/2017 |
| | | 15/452,581 | PENDING | US | UTL | Customizable Gestures For Mobile Devices | 2/27/2012 | 3/7/2017 | | |
| 9,020,244 | 2013-0142418 A1 | 13/312,558 | ISSUED | US | UTL | Ranking And Selecting Representative Video Images | 12/6/2011 | 12/6/2011 | 6/6/2013 | 4/28/2015 |
| | US-2009-0106243-A1 | 11/877,609 | ABANDONED | US | UTL | System for Obtaining of Transcripts of Non-Textual Media | 10/23/2007 | 10/23/2007 | 4/23/2009 | |
| | 2014-0025490 A1 | 13/550,703 | EXPIRED | US | UTL | Automated Recommendations Based On Historic Location-Preference Information | 7/17/2012 | 7/17/2012 | 1/23/2014 | |
| | 2015-0302099 A1 | 14/755,037 | EXPIRED | US | UTL | Automated Recommendations Based On Historic Location-Preference Information | 7/17/2012 | 6/30/2015 | 10/22/2015 | |
| | | 15/189,884 | PENDING | US | UTL | User Behavior Models Based On Source Domain | 12/28/2012 | 6/22/2016 | | |
| 9,335,914 | 2014-0331169 A1 | 13/886,581 | ISSUED | US | UTL | Selecting And Serving Content Based on Scroll Pattern Recognition | 5/3/2013 | 5/3/2013 | 11/6/2014 | 5/10/2016 |
| 9,460,518 | 2014-0314313 A1 | 13/865,142 | ISSUED | US | UTL | Visual Clothing Retrieval | 4/17/2013 | 4/17/2013 | 10/23/2014 | 10/4/2016 |
| | | 61/887,594 | CONV PRV | US | PRV | System And Method For Performing Set Operations With Defined Sketch Accuracy Distribution | 10/7/2013 | 10/7/2013 | | |

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REEL: 058534 FRAME: 0379

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,819,038 | | 14/078,301 | ISSUED | US | UTL | System And Method For Performing Set Operations With Defined Sketch Accuracy Distribution | 10/6/2013 | 11/12/2013 | | 8/26/2014 |
| | | 61/887,375 | CONV PRV | US | PRV | System And Method For Performing Set Operations With Defined Sketch Accuracy Threshold | 10/6/2013 | 10/6/2013 | | |
| 9,043,348 | 2015-0100596 A1 | 14/448,487 | ISSUED | US | UTL | System And Method For Performing Set Operations With Defined Sketch Accuracy Distribution | 10/6/2013 | 7/31/2014 | 4/9/2015 | 5/26/2015 |
| 9,152,691 | 2015-0227608 A1 | 14/692,477 | ISSUED | US | UTL | System And Method For Performing Set Operations With Defined Sketch Accuracy Distribution | 10/6/2013 | 4/21/2015 | 8/13/2015 | 10/6/2015 |
| 6,073,143 | | 08/636,968 | EXPIRED | US | UTL | Document Conversion System Including Data Monitoring Means That Adds Tag Information To Hyperlink Information And Translates A Document When Such Tag Information Is Included in A Document Retrieval Request | 4/24/1996 | 4/24/1996 | | 6/6/2000 |
| 6,647,364 | | 09/571,315 | EXPIRED | US | UTL | Hypertext Markup Language Document Translating Machine | 4/24/1996 | 5/15/2000 | | 11/11/2003 |
| 9,384,259 | 2015-0220615 A1 | 14/170,952 | ISSUED | US | UTL | Categorizing hash tags | 2/3/2014 | 2/3/2014 | 8/6/2015 | 7/5/2016 |
| | | 15/199,420 | PENDING | US | UTL | Categorizing hash tags | 2/3/2014 | 6/30/2016 | | |

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REEL: 058534 FRAME: 0380

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2015-0261752 A1 | 14/215,279 | PUBLISHED | US | UTL | Personalized Criteria-Based Media Organization | 3/17/2014 | 3/17/2014 | 9/17/2015 | |
| | | 61/909,235 | CONV PRV | US | PRV | Web Application Live Previews | 11/26/2013 | 11/26/2013 | | |
| 9,529,783 | 2015-0149951 A1 | 14/176,486 | ISSUED | US | UTL | Live Previews For Multitasking And State Management | 11/26/2013 | 2/10/2014 | 5/28/2015 | 12/27/2016 |
| 9,361,280 | 2015-0149891 A1 | 14/173,803 | ISSUED | US | UTL | Web Application Theme Preview Based On Live Previews | 11/26/2013 | 2/5/2014 | 5/28/2015 | 6/7/2016 |
| 9,396,378 | 2015-0363631 A1 | 14/303,493 | ISSUED | US | UTL | User Identification On A Per Touch Basis On Touch Sensitive Devices | 6/12/2014 | 6/12/2014 | 12/17/2015 | 7/19/2016 |
| | 2016-0004898 A1 | 14/850,377 | PUBLISHED | US | UTL | User Identification Through An External Device On A Per Touch Basis On Touch Sensitive Devices | 6/12/2014 | 9/10/2015 | 1/7/2016 | |
| | | 15/195,738 | PENDING | US | UTL | User Identification On A Per Touch Basis On Touch Sensitive Devices | 6/12/2014 | 6/28/2016 | | |
| | | 61/778,320 | CONV PRV | US | PRV | Trip-Oriented Message Data Communications System | 3/12/2013 | 3/12/2013 | | |
| 9,377,319 | 2014-0278071 A1 | 14/207,326 | ISSUED | US | UTL | Estimating Times To Leave And To Travel | 3/12/2013 | 3/12/2014 | 9/18/2014 | 6/28/2016 |
| | 2014-0278086 A1 | 14/207,329 | PUBLISHED | US | UTL | Using Historical Location Data To Improve Estimates Of Location | 3/12/2013 | 3/12/2014 | 9/18/2014 | |
| | | 61/899,056 | CONV PRV | US | PRV | Route Detection In A Trip-Oriented Message Data Communications System | 11/1/2013 | 11/1/2013 | | |

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REEL: 058534 FRAME: 0381

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,488,487 | 2016-0003637 A1 | 14/580,482 | ISSUED | US | UTL | Route Detection In A Trip-Oriented Message Data Communications System | 11/1/2013 | 12/23/2014 | 1/7/2016 | 11/8/2016 |
| 9,554,030 | 2016-0094774 A1 | 14/500,911 | ISSUED | US | UTL | Mobile Device Image Acquisition Using Objects Of Interest Recognition | 9/29/2014 | 9/29/2014 | 3/31/2016 | 1/24/2017 |
| 9,269,025 | | 14/609,220 | ISSUED | US | UTL | Object Detection in Images | 1/29/2015 | 1/29/2015 | | 2/23/2016 |
| | | 14/996,063 | PENDING | US | UTL | Object Detection in Images | 1/29/2015 | 1/14/2016 | | |
| | | 14/715,246 | PENDING | US | UTL | Mobile Visual Search Using Deep Variant Coding | 5/18/2015 | 5/18/2015 | | |
| | | 14/720,867 | PENDING | US | UTL | Triggering method for Instant Search | 5/25/2015 | 5/25/2015 | | |
| | US-2009-0245168-A1 | 12/083,605 | ABANDONED | US | UTL | Server for enhancing communication between a content provider and a radio communication device and a method therefor | 11/3/2006 | 6/24/2008 | 10/1/2009 | |
| | 2011-0314396 | 13/222,416 | ABANDONED | US | UTL | Integration of Personalized Portals with Web Content Syndication | 3/15/2004 | 8/31/2011 | 12/22/2011 | |
| | | 60/680,701 | CONV PRV | US | PRV | MAPPING ONLINE SERVICE USER ID TO PORTAL USER ID | 5/13/2005 | 5/13/2005 | | |
| 7,685,241 | 2006/0258417 | 11/383,177 | ISSUED | US | UTL | MAPPING ONLINE SERVICE USER ID TO PORTAL USER ID | 5/13/2005 | 5/12/2006 | 11/16/2006 | 3/23/2010 |
| | 2008-0139228 | 11/635,459 | ABANDONED | US | UTL | TEXT-BASED INITIATED CALL BRIDGING | 12/6/2006 | 12/6/2006 | 6/12/2008 | |

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REEL: 058534 FRAME: 0382

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2008-0134307-A1 | 11/607,281 | ABANDONED | US | UTL | METHODS FOR PROGRAMMING A PIN THAT IS MAPPED TO A SPECIFIC DEVICE AND METHODS FOR USING THE PIN | 12/1/2006 | 12/1/2006 | 6/5/2008 | |
| | | 60/843,520 | CONV PRV | US | PRV | System and Method for the Visualization of Sports Information | 9/7/2006 | 9/7/2006 | | |
| 8,108,795 | 20080066011 | 11/622,329 | ISSUED | US | UTL | System and method for the visualization of sports information | 9/7/2006 | 1/11/2007 | 3/13/2008 | 1/31/2012 |
| | US-2009-0049190-A1 | 11/840,184 | ABANDONED | US | UTL | Multiple Points oF Presence in Real Time Communications | 8/16/2007 | 8/16/2007 | 2/19/2009 | |
| 7,870,026 | US-2008-0307052-A1 | 11/760,584 | ISSUED | US | UTL | Selecting and Displaying Advertisement in a Personal Media Space | 6/8/2007 | 6/8/2007 | 12/11/2008 | 1/11/2011 |
| | US 2008-0307037 | 11/759,895 | ABANDONED | US | UTL | Client Notification Mechanism Over HTTP | 6/7/2007 | 6/7/2007 | 12/11/2008 | |
| 7,849,318 | 2008-0320307 A1 | 11/765,360 | ISSUED | US | UTL | METHOD FOR SESSION SECURITY | 6/19/2007 | 6/19/2007 | 12/25/2008 | 12/7/2010 |
| D596642 | | 29/295,597 | ISSUED | US | DES | Graphical User Interface for Computer Screen | 10/2/2007 | 10/2/2007 | | 7/21/2009 |
| D,592,221 | | 29/295,599 | ISSUED | US | DES | Graphical User Interface for Computer Screen | 10/2/2007 | 10/2/2007 | | 5/12/2009 |
| | 2008-0262907 | 11/736,560 | ABANDONED | US | UTL | Systems and Methods for Managing a Brand Universe for User Information, Brand Related Marketing and User Interactivity | 4/17/2007 | 4/17/2007 | 12/8/2008 | |
| | US-2009-0089110-A1 | 11/863,202 | ABANDONED | US | UTL | Methods of Ranking Content for Brand Centric Websites | 9/27/2007 | 9/27/2007 | 4/13/2009 | |

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REEL: 058534 FRAME: 0383

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,352,555 | US-2009-0049125-A1 | 11/864,405 | ISSUED | US | UTL | SCHEDULED ONLINE PRESENCE ON INSTANT MESSENGER | 8/17/2007 | 9/28/2007 | 2/19/2009 | 1/8/2013 |
| | US-2009-0089326-A1 | 11/864,370 | ABANDONED | US | UTL | Method And Apparatus For Providing Multimedia Content Optimization | 9/28/2007 | 9/28/2007 | 4/2/2009 | |
| 7,809,773 | 2009-0164484-A1 | 11/963,327 | ISSUED | US | UTL | Comment Filters for Real-Time Multimedia Broadcast Sessions | 12/21/2007 | 12/21/2007 | 6/25/2009 | 10/5/2010 |
| | US-2009-0089162-A1 | 11/864,864 | ABANDONED | US | UTL | Distributed Live Multimedia Monetization Mechanism and Network | 9/28/2007 | 9/28/2007 | 4/2/2009 | |
| 8,250,616 | 2009-0089294-A1 | 11/864,769 | ISSUED | US | UTL | Distributed Live Multimedia Capture, Feedback Mechanism, and Network | 9/28/2007 | 9/28/2007 | 4/2/2009 | 8/21/2012 |
| | US-2009-0089352-A1 | 11/864,862 | ABANDONED | US | UTL | DISTRIBUTED LIVE MULTIMEDIA SWITCHING MECHANISM AND NETWORK | 9/28/2007 | 9/28/2007 | 4/2/2009 | |
| 8,522,289 | US-2009-0148124-A1 | 12/369,714 | ISSUED | US | UTL | Distributed Automatic Recording of Live Event | 9/28/2007 | 2/11/2009 | 6/11/2009 | 8/27/2013 |
| | US-2009-0089152-A1 | 12/238,378 | ABANDONED | US | UTL | Distributed Live Multimedia Monetization Mechanism and Network | 9/28/2007 | 9/25/2008 | 4/2/2009 | |
| | 2014-0229977 A1 | 14/174,840 | PUBLISHED | US | UTL | Distributed Live Multimedia Switching Mechanism and Network | 9/28/2007 | 2/6/2014 | 8/14/2014 | |

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REEL: 058534 FRAME: 0384

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0216616-A1 | 12/037,685 | ABANDONED | US | UTL | Method And System For Displaying Correlated Advertisements to Internet Users | 2/26/2008 | 2/26/2008 | 8/27/2009 | |
| D603419 | | 29/295,642 | ISSUED | US | DES | Graphical User Interface For Computer Screen | 10/2/2007 | 10/2/2007 | | 11/3/2009 |
| D605654 | | 29/326,009 | ISSUED | US | DES | Graphical User Interface for Computer Screen | 10/2/2007 | 10/9/2008 | | 12/8/2009 |
| D605655 | | 29/326,010 | ISSUED | US | DES | Graphical User Interface for Computer Screen | 10/2/2007 | 10/9/2008 | | 12/8/2009 |
| D605656 | | 29/326,011 | ISSUED | US | DES | Graphical User Interface for Computer Screen | 10/2/2007 | 10/9/2008 | | 12/8/2009 |
| D602943 | | 29/295,643 | ISSUED | US | DES | Graphical User Interface for Computer Screen | 10/2/2007 | 10/2/2007 | | 10/27/2009 |
| | US-2009-0144240-A1 | 11/950,397 | ABANDONED | US | UTL | Methods And Systems For Using Community Bookmark Data To Supplement Internet Search Results | 12/4/2007 | 12/4/2007 | 6/4/2009 | |
| D601153 | | 29/284,388 | ISSUED | US | DES | Graphical User Interface for Computer Screen | 9/6/2007 | 9/6/2007 | | 9/29/2009 |
| D591306 | | 29/284,387 | ISSUED | US | DES | Graphical User Interface for Computer Screen | 9/6/2007 | 9/6/2007 | | 4/28/2009 |
| | US-2009-0222316-A1 | 12/039,566 | ABANDONED | US | UTL | Method To Tag Advertiser Campaigns To Enable Segmentation Of Underlying Inventory | 2/28/2008 | 2/28/2008 | 9/3/2009 | |

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REEL: 058534 FRAME: 0385

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2010-0010891 | 12/104,418 | ABANDONED | US | UTL | Methods for Advertisement Slate Selection | 4/16/2008 | 4/16/2008 | 1/14/2010 | |
| | US-2009-0265227-A1 | 12/104,423 | ABANDONED | US | UTL | Methods for Advertisement Display Policy Exploration | 4/16/2008 | 4/16/2008 | 10/22/2009 | |
| D587,726 | | 29/299,267 | ISSUED | US | DES | GRAPHICAL ICON FOR COMPUTER DISPLAY | 12/20/2007 | 12/20/2007 | | 3/3/2009 |
| D612860 | | 29/299,268 | ISSUED | US | DES | GRAPHICAL USER INTERFACE FOR COMPUTER SCREEN | 12/20/2007 | 12/20/2007 | | 3/30/2010 |
| D603418 | | 29/304,740 | ISSUED | US | DES | Graphical User Interface | 3/6/2008 | 3/6/2008 | | 11/3/2009 |
| | US-2009-0240652-A1 | 12/051,608 | ABANDONED | US | UTL | Automated Collection of Human-Reviewed Data | 3/19/2008 | 3/19/2008 | 9/24/2009 | |
| | US-2009-0248511-A1 | 12/060,145 | ABANDONED | US | UTL | Advertisements on Demand | 3/31/2008 | 3/31/2008 | 10/1/2009 | |
| D603420 | | 29/304,741 | ISSUED | US | DES | Graphical User Interface Bar | 3/6/2008 | 3/6/2008 | | 11/3/2009 |
| | 2009-0327877 | 12/164,039 | ABANDONED | US | UTL | System and Method for Disambiguating Text Labeling Content Objects | 6/28/2008 | 6/28/2008 | 12/31/2009 | |
| 8,126,930 | US-2009-0281989-A1 | 12/116,198 | ISSUED | US | UTL | Micro-Bucket Testing For Page Optimization | 5/6/2008 | 5/6/2008 | 11/12/2009 | 2/28/2012 |
| | US-2010-0082594-A1 | 12/238,234 | ABANDONED | US | UTL | Building a Topic Based Webpage Based on Algorithmic and Community Interactions | 9/25/2008 | 9/25/2008 | 4/1/2010 | |
| D590,414 | | 29/305,541 | ISSUED | US | DES | Computer User Interface | 3/22/2008 | 3/22/2008 | | 4/14/2009 |
| D590,413 | | 29/305,535 | ISSUED | US | DES | Computer User Interface | 3/22/2008 | 3/22/2008 | | 4/14/2009 |
| D598,929 | | 29/305,540 | ISSUED | US | DES | Computer User Interface | 3/22/2008 | 3/22/2008 | | 8/25/2009 |

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REEL: 058534 FRAME: 0386

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|---|---|---|---|---|---|---|---|---|---|---|
| D589,971 | | 29/305,539 | ISSUED | US | DES | Computer User Interface | 3/22/2008 | 3/22/2008 | | 4/7/2009 |
| D589,970 | | 29/305,538 | ISSUED | US | DES | Computer User Interface | 3/22/2008 | 3/22/2008 | | 4/7/2009 |
| D592,675 | | 29/305,537 | ISSUED | US | DES | Computer User Interface | 3/22/2008 | 3/22/2008 | | 5/19/2009 |
| D588,604 | | 29/305,536 | ISSUED | US | DES | Computer user interface for a display screen | 3/22/2008 | 3/22/2008 | | 3/17/2009 |
| D609242 | | 29/320,980 | ISSUED | US | DES | Computer User Interface | 3/22/2008 | 7/8/2008 | | 2/2/2010 |
| D609716 | | 29/320,981 | ISSUED | US | DES | Computer User Interface | 3/22/2008 | 7/8/2008 | | 2/9/2010 |
| D597552 | | 29/320,982 | ISSUED | US | DES | Computer User Interface | 3/22/2008 | 7/8/2008 | | 8/4/2009 |
| D621850 | | 29/317,719 | ISSUED | US | DES | COMPUTER USER INTERFACE | 5/5/2008 | 5/5/2008 | | 8/17/2010 |
| D624089 | | 29/318,056 | ISSUED | US | DES | Computer User Inteface | 5/12/2008 | 5/12/2008 | | 9/21/2010 |
| | US-2010-0119170-A1 | 12/266,922 | ABANDONED | US | UTL | Image Compression by Comparison to Large Database | 11/7/2008 | 11/7/2008 | 5/13/2010 | |
| | US-2010-0121844-A1 | 12/266,939 | ABANDONED | US | UTL | Image Relevance by Identifying Experts | 11/7/2008 | 11/7/2008 | 5/13/2010 | |
| | US-2010-0037171-A1 | 12/189,083 | ABANDONED | US | UTL | Utility Toolbar For Online Collaboration Platform | 8/8/2008 | 8/8/2008 | 2/11/2010 | |
| | US-2010-0036832-A1 | 12/189,100 | ABANDONED | US | UTL | Searching By Object Category For Online Collaboration Platform | 8/8/2008 | 8/8/2008 | 2/11/2010 | |
| | US-2010-0082535-A1 | 12/242,626 | ABANDONED | US | UTL | Method and System for Uploading Advertisement Content | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | US-2010-0100415-A1 | 12/253,420 | ABANDONED | US | UTL | Common Tag Format for Ad Serving and Information Tracking in Internet Advertising | 10/17/2008 | 10/17/2008 | 4/22/2010 | |
| | US-2010-0094708-A1 | 12/252,325 | ABANDONED | US | UTL | Inventory Identifier | 10/15/2008 | 10/15/2008 | 4/15/2010 | |

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REEL: 058534 FRAME: 0387

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,615,512 | US-2010-0082640-A1 | 12/242,777 | ISSUED | US | UTL | Guiding user moderation by confidence levels | 9/30/2008 | 9/30/2008 | 4/1/2010 | 12/24/2013 |
| | US-2010-0125585-A1 | 12/272,607 | ABANDONED | US | UTL | Conjoint Analysis with Bilinear Regression Models for Segmented Predictive Content Ranking | 11/17/2008 | 11/17/2008 | 5/20/2010 | |
| D611490 | | 29/327,852 | ISSUED | US | DES | Computer User Interface | 11/14/2008 | 11/14/2008 | | 3/9/2010 |
| | US-2010-0146434-A1 | 12/331,296 | ABANDONED | US | UTL | Minimap navigation for spreadsheet | 12/9/2008 | 12/9/2008 | 6/10/2010 | |
| | 2010-0332967 | 12/492,034 | ABANDONED | US | UTL | System and Method for Automatically Generating Web Page Augmentation | 6/25/2009 | 6/25/2009 | 12/30/2010 | |
| 8,433,993 | 2010-0332958 | 12/491,217 | ISSUED | US | UTL | Context Aware Image Representation | 6/24/2009 | 6/24/2009 | 12/30/2010 | 4/30/2013 |
| | | 29/334,801 | ABANDONED | US | DES | Computer User Interface | 4/2/2009 | 4/2/2009 | | |
| D619141 | | 29/334,802 | ISSUED | US | DES | Computer User Interface | 4/2/2009 | 4/2/2009 | | 7/6/2010 |
| D619612 | | 29/339,767 | ISSUED | US | DES | Video Search Graphical Interface | 7/7/2009 | 7/7/2009 | | 7/13/2010 |
| 8,886,650 | 2011-0125739 | 12/626,584 | ISSUED | US | UTL | Algorithmically Choosing When To Use Branded Content Versus Aggregated Content | 11/25/2009 | 11/25/2009 | 5/26/2011 | 11/11/2014 |
| 8,380,763 | 2011-0072223 | 12/564,867 | ISSUED | US | UTL | Method and System for Managing Cookies in Web Communications | 9/22/2009 | 9/22/2009 | 3/24/2011 | 2/19/2013 |
| | 2011-0270934 | 12/772,087 | ABANDONED | US | UTL | State Transfer for Instant Messaging System with Multiple Points of Presence | 4/30/2010 | 4/30/2010 | 11/3/2011 | |

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REEL: 058534 FRAME: 0388

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2011-0271202 | 12/772,096 | ABANDONED | US | UTL | Notifications for Multiple Points of Presence | 4/30/2010 | 4/30/2010 | 11/3/2011 | |
| 8,475,249 | US 2012-0071219 A1 | 12/888,390 | ISSUED | US | UTL | Fantasy Sport Auction Draft Application Roster Preview Grid | 9/22/2010 | 9/22/2010 | 3/22/2012 | 7/2/2013 |
| 8,821,231 | 2013-0267313-A1 | 13/898,408 | ISSUED | US | UTL | Fantasy Sport Auction Draft Application | 9/22/2010 | 5/20/2013 | 10/10/2013 | 9/2/2014 |
| | | 61/320,685 | CONV PRV | US | PRV | Methods and Systems for Display Device Widget Access and Management | 4/2/2010 | 4/2/2010 | | |
| 8,726,305 | US 2011-0247031 A1 | 13/075,149 | ISSUED | US | UTL | Methods and Systems for Application Rendering and Management on Internet Television Enabled Displays | 4/2/2010 | 3/29/2011 | 10/6/2011 | 5/13/2014 |
| | 2012-0069028 | 12/886,482 | ABANDONED | US | UTL | Real-Time Animations Of Emoticons Using Facial Recognition During A Video Chat | 9/20/2010 | 9/20/2010 | 3/22/2012 | |
| 8,631,356 | 2012-0023457 | 12/841,985 | ISSUED | US | UTL | Presentation of Advertisements Based on User Interactivity with a Web Page | 7/22/2010 | 7/22/2010 | 1/26/2012 | 1/14/2014 |
| 8,484,226 | 2013-0013622 | 13/179,522 | ISSUED | US | UTL | Media Recommendations for a Social-Software Website | 7/9/2011 | 7/9/2011 | 1/10/2013 | 7/9/2013 |
| 8,775,355 | US 2012-0158637 A1 | 12/973,813 | ISSUED | US | UTL | Dynamic Online Communities | 12/20/2010 | 12/20/2010 | 6/21/2012 | 7/8/2014 |
| 8,615,518 | 2012-0259853 | 13/084,352 | ISSUED | US | UTL | Real Time Association of Related Breaking News Stories Across Different Content Providers | 4/11/2011 | 4/11/2011 | 10/11/2012 | 12/24/2013 |

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REEL: 058534 FRAME: 0389

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,793,730 | 2012-0174155 | 12/982,811 | ISSUED | US | UTL | Entertainment Companion Content Application For Interacting With Television Content | 12/30/2010 | 12/30/2010 | 7/5/2012 | 7/29/2014 |
| | 2012-0174158 | 13/220,654 | PUBLISHED | US | UTL | Entertainment Content Rendering Application | 12/30/2010 | 8/29/2011 | 7/5/2012 | |
| 8,938,116 | 2013-0148880 A1 | 13/315,066 | ISSUED | US | UTL | Image Cropping Using Supervised Learning | 12/8/2011 | 12/8/2011 | 6/13/2013 | 1/20/2015 |
| | | 61/492,778 | CONV PRV | US | PRV | Online Photosession | 6/2/2011 | 6/2/2011 | | |
| 8,788,584 | 2013-0013699 | 13/177,510 | ISSUED | US | UTL | Methods And Systems For Sharing Photos In An Online Photosession | 6/2/2011 | 7/6/2011 | 1/10/2013 | 7/22/2014 |
| 8,949,872 | 2013-0160038 A1 | 13/332,331 | ISSUED | US | UTL | Audio Fingerprint For Content Identification | 12/20/2011 | 12/20/2011 | 6/20/2013 | 2/3/2015 |
| | 2013-0111005 A1 | 13/282,285 | PUBLISHED | US | UTL | Online Active Learning in User-Generated Content Streams | 10/26/2011 | 10/26/2011 | 5/2/2013 | |
| 8,756,279 | US 2013-0024507 A1 | 13/185,496 | ISSUED | US | UTL | Analyzing Content Demand Using Social Signals | 7/18/2011 | 7/18/2011 | 1/24/2013 | 6/17/2014 |
| | 2013-0117261-A1 | 13/293,111 | ABANDONED | US | UTL | Context Sensitive Transient Connections | 11/9/2011 | 11/9/2011 | 5/9/2013 | |
| | 2014-0108922 A1 | 13/652,674 | PUBLISHED | US | UTL | Content Layout Determination | 10/16/2012 | 10/16/2012 | 4/17/2014 | |
| D704,732 | | 29/429,595 | ISSUED | US | DES | Computer User Interface | 8/14/2012 | 8/14/2012 | | 5/13/2014 |
| D716,342 | | 29/429,597 | ISSUED | US | DES | Display Screen with Graphical User Interface | 8/14/2012 | 8/14/2012 | | 10/28/2014 |
| | 2014-0279043 A1 | 13/843,504 | PUBLISHED | US | UTL | Page Personalization Based on Article Display Time | 3/15/2013 | 3/15/2013 | 9/18/2014 | |
| | | 61/924,704 | CONV PRV | US | PRV | Interaction with Multiple Connected Devices | 1/7/2014 | 1/7/2014 | | |

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REEL: 058534 FRAME: 0390

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2011-0087540 A1 | 12/970,910 | ABANDONED | US | UTL | Web Pages and Methods for Displaying Targeted On-Line Advertisements in a Social Networking Media Space | 6/8/2007 | 12/16/2010 | 4/14/2011 | |
| | 2011-0087541 A1 | 12/972,421 | ABANDONED | US | UTL | Web Pages and Methods for Providing Rewards for Liking Particular On-Line Advertisements in a Social Networking Media Space | 6/8/2007 | 12/17/2010 | 4/14/2011 | |
| 9,367,639 | 2009-0043755 A1 | 11/836,724 | ISSUED | US | UTL | Systems and Methods for Dynamic Page Creation | 8/9/2007 | 8/9/2007 | 2/12/2009 | 6/14/2016 |
| | 2008-0262908 A1 | 11/736,571 | ABANDONED | US | UTL | Methods For Promoting Brand-Centric Advertising And Managing The Same | 4/17/2007 | 4/17/2007 | 10/23/2008 | |
| | 2008-0262858 | 11/736,572 | ABANDONED | US | UTL | Methods For Establishing Brand-Centric Websites From Bi-Directionally Linked Content | 4/17/2007 | 4/17/2007 | 10/23/2008 | |
| 9,535,988 | 2009-0164904 A1 | 11/963,450 | ISSUED | US | UTL | Blog-Based Video Summarization | 12/21/2007 | 12/21/2007 | 6/25/2009 | 1/3/2017 |
| | 2009-0077495 A1 | 11/858,046 | ABANDONED | US | UTL | Method And System Of Creating A Personalized Homepage | 9/19/2007 | 9/19/2007 | 3/19/2009 | |
| | 2009-0164275 A1 | 11/963,595 | ABANDONED | US | UTL | Revenue-sharing to incentivize users to reveal online purchasing interests | 12/21/2007 | 12/21/2007 | 6/25/2009 | |
| | 2009-0158180 A1 | 11/958,283 | ABANDONED | US | UTL | System And Method Of Styling An Embedded Widget | 12/17/2007 | 12/17/2007 | 6/18/2009 | |

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REEL: 058534 FRAME: 0391

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,159,074 | 2010-0241968 A1 | 12/409,344 | ISSUED | US | UTL | Tool For Embedding Comments For Objects In An Article | 3/23/2009 | 3/23/2009 | 9/23/2010 | 10/13/2015 |
| | 2010-0332305 | 12/494,134 | ABANDONED | US | UTL | Advertising Engine and Network Using Mobile Devices | 6/29/2009 | 6/29/2009 | 12/30/2010 | |
| | 2011-0099185 A1 | 12/607,804 | EXPIRED | US | UTL | System for Querying and Consuming Web-Based Data and Associated Methods | 10/28/2009 | 10/28/2009 | 4/28/2011 | |
| | | 15/233,854 | PENDING | US | UTL | System and Methods for Enabling Arbitrary Developer Code Consumption of Web-Based Data | 4/29/2010 | 8/10/2016 | | |
| | 2012-0084282 A1 | 12/895,777 | PUBLISHED | US | UTL | Content Quality Filtering Without Use of Content | 9/30/2010 | 9/30/2010 | 4/5/2012 | |
| 9,491,502 | 2014-0282718 A1 | 14/226,744 | ISSUED | US | UTL | Methods and Systems for Application Rendering and Management on Internet Television Enabled Displays | 4/2/2010 | 3/26/2014 | 9/18/2014 | 11/8/2016 |
| | | 15/295,857 | PENDING | US | UTL | Methods and Systems for Application Rendering and Management on Internet Television Enabled Displays | 4/2/2010 | 10/17/2016 | | |
| 9,148,466 | 2012-0084347 A1 | 12/898,655 | ISSUED | US | UTL | Presenting Modules in a Browser | 10/5/2010 | 10/5/2010 | 4/5/2012 | 9/29/2015 |
| 9,177,207 | 2015-0131900 A1 | 14/599,454 | ISSUED | US | UTL | Image Cropping Using Supervised Learning | 12/8/2011 | 1/16/2015 | 5/14/2015 | 11/3/2015 |
| | 2013-0159113 A1 | 13/329,011 | ABANDONED | US | UTL | Group Personalization | 12/16/2011 | 12/16/2011 | 6/20/2013 | |

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REEL: 058534 FRAME: 0392

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|---|---|---|---|---|---|---|---|---|---|---|
| 9,621,503 | 2013-0191762 A1 | 13/357,598 | ISSUED | US | UTL | System and Method to Enable Private Conversations Around Content | 1/24/2012 | 1/24/2012 | 7/25/2013 | 4/11/2017 |
| 9,430,755 | 2014-0006523 A1 | 13/539,071 | ISSUED | US | UTL | System and Method to Enable Communication Group Identification | 6/29/2012 | 6/29/2012 | 1/1/2014 | 8/30/2016 |
| | 2013-0262243 A1 | 13/436,735 | EXPIRED | US | UTL | Socialized Deals & Coupons | 3/30/2012 | 3/30/2012 | 10/3/2013 | |
| 9,294,787 | 2014-0140675 A1 | 13/680,009 | ISSUED | US | UTL | Ad Hoc Collaboration Network For Capturing Audio/Video Data | 11/16/2012 | 11/16/2012 | 5/22/2014 | 3/22/2016 |
| 9,602,856 | 2016-0173927 A1 | 15/042,146 | ISSUED | US | UTL | Ad Hoc Collaboration Network For Capturing Audio/Video Data | 11/16/2012 | 2/11/2016 | 6/16/2016 | 3/21/2017 |
| D728,589 | | 29/416,512 | ISSUED | US | DES | Computer Display Screen With a Transitional Graphical User Interface | 3/22/2012 | 3/22/2012 | | 5/5/2015 |
| | 2013-0332814 A1 | 13/491,517 | PUBLISHED | US | UTL | Page Personalization Performed by An Edge Server | 6/7/2012 | 6/7/2012 | 12/12/2013 | |
| | | 29/429,593 | ABANDONED | US | DES | Computer User Interface | 8/14/2012 | 8/14/2012 | | |
| 9,588,784 | 2014-0068455 A1 | 13/597,222 | ISSUED | US | UTL | System and Method for Providing Selective and Visible Personalized Content for Webpages | 8/28/2012 | 8/28/2012 | 3/6/2014 | 3/7/2017 |
| 9,401,948 | 2015-0081765 A1 | 14/027,140 | ISSUED | US | UTL | System and Method for Enhancing Multi-Module Experience | 9/13/2013 | 9/13/2013 | 3/19/2015 | 7/26/2016 |
| | 2015-0067505 A1 | 14/012,961 | PUBLISHED | US | UTL | System And Methods For User Curated Media | 8/28/2013 | 8/28/2013 | 3/5/2015 | |

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REEL: 058534 FRAME: 0393

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2014-0380199 A1 | 13/924,497 | PUBLISHED | US | UTL | System And Method For Contextually Enriching Content Of A Referrer Page When Returning From A Landing Page | 6/21/2013 | 6/21/2013 | 12/25/2014 | |
| 9,633,017 | 2015-0127662 A1 | 14/074,616 | ISSUED | US | UTL | Dwell-Time Based Generation of a User Interest Profile | 11/7/2013 | 11/7/2013 | 5/7/2015 | 4/25/2017 |
| | 2015-0026255 A1 | 13/944,409 | PUBLISHED | US | UTL | Determination of General and Topical News and Geographical Scope of News Content | 7/17/2013 | 7/17/2013 | 1/22/2015 | |
| | 2015-0058113 A1 | 13/975,151 | PUBLISHED | US | UTL | Dwell Time Based Advertising | 8/23/2013 | 8/23/2013 | 2/26/2015 | |
| | 2015-0058114 A1 | 13/975,157 | PUBLISHED | US | UTL | Dwell Time Based Advertising in a Scrollable Content Stream | 8/23/2013 | 8/23/2013 | 2/26/2015 | |
| | 2015-0120712 A1 | 14/064,007 | PUBLISHED | US | UTL | Customized News Stream Utilizing Dwelltime-Based Machine Learning | 10/25/2013 | 10/25/2013 | 4/30/2015 | |
| | 2015-0066959 A1 | 14/012,932 | PUBLISHED | US | UTL | Prioritizing Items From Different Categories in A News Stream | 8/28/2013 | 8/28/2013 | 3/5/2015 | |
| | 2015-0154242 A1 | 14/096,944 | PUBLISHED | US | UTL | Automatic Detection of Expiration Time of Event-Based Articles | 12/4/2013 | 12/4/2013 | 6/4/2015 | |
| 9,633,119 | 2015-0193540 A1 | 14/147,789 | ISSUED | US | UTL | Content Ranking Based On User Features in Content | 1/6/2014 | 1/6/2014 | 7/9/2015 | 4/25/2017 |
| | 2015-0186545 A1 | 14/144,544 | PUBLISHED | US | UTL | Smart Content Pre-Loading on Client Devices | 12/30/2013 | 12/30/2013 | 7/2/2015 | |
| | 2015-0373065 A1 | 14/313,035 | PUBLISHED | US | UTL | Gestures For Sharing Content Between Multiple Devices | 6/24/2014 | 6/24/2014 | 12/24/2015 | |

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REEL: 058534 FRAME: 0394

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2015-0195620 A1 | 14/338,328 | PUBLISHED | US | UTL | Interaction With Multiple Connected Devices | 1/7/2014 | 7/22/2014 | 7/9/2015 | |
| | 2015-0135057 A1 | 14/076,082 | PUBLISHED | US | UTL | Media Forums for Presenting and Managing User Generated Content Regarding Articles Presented on Websites | 11/8/2013 | 11/8/2013 | 5/14/2015 | |
| | 2015-0135058 A1 | 14/076,086 | PUBLISHED | US | UTL | Media Forums for Managing Mobile Generated User Content and Associations to Articles | 11/8/2013 | 11/8/2013 | 5/14/2015 | |
| | | 62/023,821 | CONV PRV | US | PRV | Using Exogenous Sources for Personalization of Services at a Website | 7/11/2014 | 7/11/2014 | | |
| | 2016-0012055 A1 | 14/504,386 | PUBLISHED | US | UTL | Using Exogenous Sources for Personalization of Website Services | 7/11/2014 | 10/1/2014 | 1/14/2016 | |
| 9,529,858 | 2015-0254246 A1 | 14/199,729 | ISSUED | US | UTL | Methods and Systems for Ranking Items on a Presentation Area Based on Binary Outcomes | 3/6/2014 | 3/6/2014 | 9/10/2015 | 12/27/2016 |
| | | 14/673,854 | PENDING | US | UTL | Determining Content Sessions Using Content-Consumption Events | 3/30/2015 | 3/30/2015 | | |
| | | 14/985,302 | PENDING | US | UTL | Finding Related Articles For A Content Stream Using Iterative Merge-Split Clusters | 12/30/2015 | 12/30/2015 | | |

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REEL: 058534 FRAME: 0395

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2017-0147575-A1 | 14/948,213 | PUBLISHED | US | UTL | Location-Based Recommendations Using Nearest Neighbors In A Locality Sensitive Hashing (LSH) Index | 11/20/2015 | 11/20/2015 | 5/25/2017 | |
| | | 14/945,415 | PENDING | US | UTL | Preview of Compressed File Email Attachments | 11/18/2015 | 11/18/2015 | | |
| 9,043,434 | | 13/230,681 | ISSUED | US | UTL | Alternate page determination for a requested target page | 9/12/2011 | 9/12/2011 | | 5/26/2015 |
| | 2015-0254365 A1 | 14/720,298 | PUBLISHED | US | UTL | Alternate page determination for a requested target page | 9/12/2011 | 5/22/2015 | 9/10/2015 | |
| | | 15/019,934 | PENDING | US | UTL | Content-based video representation | 2/9/2016 | 2/9/2016 | | |
| | | 15/008,711 | PENDING | US | UTL | Pointer Activity As An Indicator Of Interestingness In Video | 1/28/2016 | 1/28/2016 | | |
| | | 15/280,976 | PENDING | US | UTL | User Profile Expansion For Personalization and Recommendation | 9/29/2016 | 9/29/2016 | | |
| | | 15/265,777 | PENDING | US | UTL | Baseline Interest Profile For Recommendations Using A Geographic Location | 9/14/2016 | 9/14/2016 | | |
| | | 15/406,586 | PENDING | US | UTL | Scalable Multilingual Named-Entity Recognition | 1/13/2017 | 1/13/2017 | | |
| | | 15/472,019 | PENDING | US | UTL | Systems and Methods for Multiobjective Optimization | 3/28/2017 | 3/28/2017 | | |
| | | 15/406,565 | PENDING | US | UTL | Identifying Constructive Sub-Dialogues | 1/13/2017 | 1/13/2017 | | |

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REEL: 058534 FRAME: 0396

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 15/476,685 | PENDING | US | UTL | Collaborative Personalization via Simultaneous Embedding of Users and their Preferences | 3/31/2017 | 3/31/2017 | | |
| | | 15/471,455 | PENDING | US | UTL | Multilabel Learning via Supervised Joint Embedding of Documents and Labels | 3/28/2017 | 3/28/2017 | | |
| | | 15/446,913 | PENDING | US | UTL | Latent User Communities | 3/1/2017 | 3/1/2017 | | |
| 8,180,674 | US-2008-0082413-A1 | 11/542,874 | ISSUED | US | UTL | Targeting of Advertisements Based on Mutual Information Sharing Between Devices Over a Network | 10/3/2006 | 10/3/2006 | 4/3/2008 | 5/15/2012 |
| | US-2008-0082414-A1 | 11/601,274 | ABANDONED | US | UTL | Targeting of advertisements based on mutual information sharing between devices over a network | 10/3/2006 | 11/17/2006 | 4/3/2008 | |
| | 2013-0104164 A1 | 13/446,753 | ABANDONED | US | UTL | Targeting of Advertisements Based on Mutual Information Sharing Between Devices Over a Network | 10/3/2006 | 4/13/2012 | 4/25/2013 | |
| | 2008-0154797-A1 | 11/615,521 | ABANDONED | US | UTL | Hybrid Advertisement Pricing System and Method | 12/20/2006 | 12/22/2006 | 6/26/2008 | |
| | 2008-0244428-A1 | 11/694,160 | ABANDONED | US | UTL | Visually Emphasizing Query Results Based on Relevance Feedback | 3/30/2007 | 3/30/2007 | 10/2/2008 | |
| | US 2009-0222550 A1 | 12/039,564 | ABANDONED | US | UTL | Measurement of the Effectiveness of Advertisement Displayed on Web Pages | 2/28/2008 | 2/28/2008 | 9/3/2009 | |

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REEL: 058534 FRAME: 0397

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2010-0274887 | 12/429,950 | ABANDONED | US | UTL | System and Method for Recommending Personalized Identifiers | 4/24/2009 | 4/24/2009 | 10/28/2010 | |
| | US 2009-0254512 A1 | 12/062,271 | ABANDONED | US | UTL | Ad Matching by Augmenting a Search Query With Knowledge Obtained through Search Engine Results | 4/3/2008 | 4/3/2008 | 10/8/2009 | |
| | 2009-0281894 A1 | 12/117,329 | ABANDONED | US | UTL | Method and Apparatus for Inferring Topics for Web Pages and Web Ads for Contextual Advertising | 5/8/2008 | 5/8/2008 | 11/12/2009 | |
| | US-2010-003671-0A1 | 12/186,307 | ABANDONED | US | UTL | Modulation of Geo-Targeting Confidence Thresholds in Network Advertising Systems | 8/5/2008 | 8/5/2008 | 2/11/2010 | |
| | 2010-0023399 A1 | 12/177,675 | ABANDONED | US | UTL | Personalized Advertising Using Lifestreaming Data | 7/22/2008 | 7/22/2008 | 1/28/2010 | |
| | 2010-0057569 A1 | 12/201,540 | ABANDONED | US | UTL | Advertising System for Internet Discussion Forums | 8/29/2008 | 8/29/2008 | 3/4/2010 | |
| | US 2010/0057506 A1 | 12/200,350 | ABANDONED | US | UTL | Conversion Value Reporting Using Conversion Value Pixel | 8/28/2008 | 8/28/2008 | 3/4/2010 | |
| | US 2010/0057747 A1 | 12/203,312 | ABANDONED | US | UTL | Universal Pixel Management | 9/3/2008 | 9/3/2008 | 3/4/2010 | |
| | US-2010-0114696-A1 | 12/262,511 | ABANDONED | US | UTL | Method of Programmed Allocation of Advertising Opportunities for Conformance with Goals | 10/31/2008 | 10/31/2008 | 5/6/2010 | |
| | US-2010-0082392-A1 | 12/241,657 | ABANDONED | US | UTL | Multi-Objective Optimization for Inventory Allocation | 9/30/2008 | 9/30/2008 | 4/1/2010 | |

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REEL: 058534 FRAME: 0398

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2010-0241515 A1 | 12/409,222 | ABANDONED | US | UTL | System and Method for Attention-Grabbing Display Results for Sponsored Online Advertising Campaigns | 3/23/2009 | 3/23/2009 | 9/23/2010 | |
| | US-2010-0082359-A1 | 12/242,305 | ABANDONED | US | UTL | Multi-Granular Age Range Products For Use in Online Marketing | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | 2010-0306161 | 12/474,668 | ABANDONED | US | UTL | Click Through Rate Prediction Using A Probabilistic Latent Variable Model | 5/29/2009 | 5/29/2009 | 12/2/2010 | |
| | 2011-0010239 | 12/501,980 | ABANDONED | US | UTL | Model-Based Advertisement Optimization | 7/13/2009 | 7/13/2009 | 1/13/2011 | |
| | 2011-0004521 | 12/498,249 | ABANDONED | US | UTL | Techniques For Use In Sorting Partially Sorted†Lists | 7/6/2009 | 7/6/2009 | 1/6/2011 | |
| | 2011-0106611 A1 | 12/612,263 | ABANDONED | US | UTL | Complementary User Segment Analysis And Recommendation In Online Advertising | 11/4/2009 | 11/4/2009 | 5/5/2011 | |
| | 2011-0022460 A1 | 12/507,330 | ABANDONED | US | UTL | Explicit Online Advertising Exposure Terms | 7/22/2009 | 7/22/2009 | 1/27/2011 | |
| | 2011-0047025 A1 | 12/546,194 | ABANDONED | US | UTL | Immediacy Targeting In Online Advertising | 8/24/2009 | 8/24/2009 | 2/24/2011 | |
| | 2011-0055003 | 12/550,904 | ABANDONED | US | UTL | Budget-Influenced Ranking and Pricing In Sponsored Search | 8/31/2009 | 8/31/2009 | 3/3/2011 | |
| | 2011-0071908 A1 | 12/565,148 | ABANDONED | US | UTL | Expressive Bidding In Online Advertising Auctions | 9/23/2009 | 9/23/2009 | 3/24/2011 | |
| | 2011-0078013 A1 | 12/569,210 | ABANDONED | US | UTL | Rate-Based Auction-Format Online Advertisement Management | 9/29/2009 | 9/29/2009 | 3/31/2011 | |

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REEL: 058534 FRAME: 0399

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2011-0107363 | 12/611,247 | ABANDONED | US | UTL | SEQUENCED VIDEO OVERLAY ADVERTISEMENTS | 11/3/2009 | 11/3/2009 | 5/5/2011 | |
| | 2012-0047030 | 13/286,146 | ABANDONED | US | UTL | Sequenced Video Overlay Advertisements, Including Guidance Steps | 11/3/2009 | 10/31/2011 | 2/23/2012 | |
| | 2012-0047031 | 13/286,155 | ABANDONED | US | UTL | Sequenced Video Overlay Advertisements, Including Quiz Games | 11/3/2009 | 10/31/2011 | 2/23/2012 | |
| | 2012-0047004 | 13/286,170 | ABANDONED | US | UTL | Sequenced Video Overlay Advertisements, Including User-Interactive Puzzles | 11/3/2009 | 10/31/2011 | 2/23/2012 | |
| | 2011-0071909 A1 | 12/565,223 | ABANDONED | US | UTL | Expressive Bidding Online Advertising Auction Mechanisms | 9/23/2009 | 9/23/2009 | 3/24/2011 | |
| | 2011-0040616 | 12/541,453 | ABANDONED | US | UTL | Sponsored Search Bid Adjustment Based On Predicted Conversion Rates | 8/14/2009 | 8/14/2009 | 2/17/2011 | |
| | 2011-0191170 | 12/698,463 | ABANDONED | US | UTL | SIMILARITY FUNCTION IN ONLINE ADVERTISING BID OPTIMIZATION | 2/2/2010 | 2/2/2010 | 8/4/2011 | |
| | 2011-0191169 | 12/698,337 | ABANDONED | US | UTL | KALMAN FILTER MODELING IN ONLINE ADVERTISING BID OPTIMIZATION | 2/2/2010 | 2/2/2010 | 8/4/2011 | |
| | 2011-0191853 | 12/699,402 | ABANDONED | US | UTL | Security techniques for use in malicious advertisement management | 2/3/2010 | 2/3/2010 | 8/4/2011 | |

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REEL: 058534 FRAME: 0400

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2011-0196741 | 12/702,854 | ABANDONED | US | UTL | ONLINE AND OFFLINE INTERGRATED PROFILE IN ADVERTISEMENT TARGETING | 2/9/2010 | 2/9/2010 | 8/11/2011 | |
| | 2011-0173063 A1 | 12/685,329 | ABANDONED | US | UTL | ADVERTISER VALUE-BASED BID MANAGEMENT IN ONLINE ADVERTISING | 1/11/2010 | 1/11/2010 | 7/14/2011 | |
| | 2011-0264525 A1 | 12/767,331 | EXPIRED | US | UTL | Searching A Userís Online World | 4/26/2010 | 4/26/2010 | 10/27/2011 | |
| | 2011-0191191 | 12/697,773 | EXPIRED | US | UTL | PLACEHOLDER BIDS IN ONLINE ADVERTISING | 2/1/2010 | 2/1/2010 | 8/4/2011 | |
| | 2011-0225049 | 12/723,448 | ABANDONED | US | UTL | Emoticlips | 3/12/2010 | 3/12/2010 | 9/15/2011 | |
| | 2011-0264531 A1 | 12/767,246 | EXPIRED | US | UTL | Watching A Userís Online World | 4/26/2010 | 4/26/2010 | 10/27/2011 | |
| | | 12/723,346 | ABANDONED | US | UTL | Emotional Targeting | 3/12/2010 | 3/12/2010 | | |
| | 2011-0231244 A1 | 12/726,556 | EXPIRED | US | UTL | TOP CUSTOMER TARGETING | 3/18/2010 | 3/18/2010 | 9/22/2011 | |
| | 2011-0282732 | 12/778,400 | EXPIRED | US | UTL | UNDERSTANDING AUDIENCE INTERESTS | 5/12/2010 | 5/12/2010 | 11/17/2011 | |
| | 2011-0276391 A1 | 12/774,471 | ABANDONED | US | UTL | EXPANSION OF TERM SETS FOR USE IN ADVERTISEMENT SELECTION | 5/5/2010 | 5/5/2010 | 11/10/2011 | |
| | 2012-0004980 | 12/829,915 | ABANDONED | US | UTL | INVENTORY MANAGEMENT AND SERVING WITH BUCKET TESTING IN GUARANTEED DELIVERY OF ONLINE ADVERTISING | 7/2/2010 | 7/2/2010 | 1/5/2012 | |
| | 2012-0004981 A1 | 12/830,137 | ABANDONED | US | UTL | Advertisement And Campaign Evaluation With Bucket Testing In Guaranteed Delivery Of Online Advertising | 7/2/2010 | 7/2/2010 | 1/5/2012 | |

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REEL: 058534 FRAME: 0401

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2012-0004979 A1 | 12/829,775 | ABANDONED | US | UTL | INTRASTRUCTURE FOR BUCKET TESTING IN GUARANTEED DELIVERY OF ONLINE ADVERTISING | 7/2/2010 | 7/2/2010 | 1/5/2012 | |
| | 2012-0022937 A1 | 12/841,900 | ABANDONED | US | UTL | ADVERTISEMENT BRAND ENGAGEMENT VALUE | 7/22/2010 | 7/22/2010 | 1/26/2012 | |
| | 2012-0010941 A1 | 12/831,692 | ABANDONED | US | UTL | Email based Social Advertisements | 7/7/2010 | 7/7/2010 | 1/12/2012 | |
| | 2012-0010942 | 12/831,897 | ABANDONED | US | UTL | ONLINE ADVERTISING MARKETPLACE DATA PROVIDER ASSESSMENT AND RECOMMENDATION | 7/7/2010 | 7/7/2010 | 1/12/2012 | |
| | 2012-0010928 | 12/833,550 | ABANDONED | US | UTL | Social aggregation targeting and communications | 7/9/2010 | 7/9/2010 | 1/12/2012 | |
| | 2012-0078730 A1 | 12/893,465 | ABANDONED | US | UTL | Automatic Internet Search Advertising Campaign Variable Optimization for Aiding Advertising Agency Efficiencies | 9/29/2010 | 9/29/2010 | 3/29/2012 | |
| | 2012-0030010 | 12/845,663 | ABANDONED | US | UTL | SOCIAL IMPACT ON ADVERTISING | 7/28/2010 | 7/28/2010 | 2/2/2012 | |
| | 2012-0095824 | 12/906,795 | ABANDONED | US | UTL | LIFE-VERTISEMENTS | 10/18/2010 | 10/18/2010 | 4/19/2012 | |
| 9,483,770 | 2012-0054008 | 12/870,690 | ISSUED | US | UTL | Social Aggregation Communications | 8/27/2010 | 8/27/2010 | 3/1/2012 | 11/1/2016 |
| | 2017-0017996 A1 | 15/283,244 | PUBLISHED | US | UTL | Social Aggregation Communications | 8/27/2010 | 9/30/2016 | 1/19/2017 | |
| | 2012-0084136 | 12/895,752 | ABANDONED | US | UTL | EBOOK ADVERTISING, INCLUDING COST-SHARING TECHNIQUES | 9/30/2010 | 9/30/2010 | 4/5/2012 | |

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REEL: 058534 FRAME: 0402

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2012-0116885 A1 | 12/939,932 | ABANDONED | US | UTL | SOCIAL NETWORK BASED ONLINE ADVERTISING AND ADVERTISEMENT BRANDING | 11/4/2010 | 11/4/2010 | 5/10/2012 | |
| | 2012-0059698 A1 | 12/877,844 | ABANDONED | US | UTL | SOCIAL AGGREGATION AND SUBSTRUCTURES TARGETING AND COMMUNICATIONS | 9/8/2010 | 9/8/2010 | 3/8/2012 | |
| | 2012-0123857 A1 | 12/944,424 | ABANDONED | US | UTL | Bidding Model for Sponsored Search Advertising Based on User Query Intent | 11/11/2010 | 11/11/2010 | 5/17/2012 | |
| | 2012-0109739 A1 | 12/916,430 | ABANDONED | US | UTL | ARTICLE AND ADVERTISEMENT CORRELATION IN ONLINE ADVERTISING | 10/29/2010 | 10/29/2010 | 5/3/2012 | |
| | 2012-0123851 | 12/945,620 | ABANDONED | US | UTL | CLICK EQUIVALENT REPORTING AND RELATED TECHNIQUES | 11/12/2010 | 11/12/2010 | 5/17/2012 | |
| | 2012-0116882 | 12/941,910 | ABANDONED | US | UTL | ONLINE ADVERTISING TECHNIQUES UTILIZING TAXONOMICAL MAPPING | 11/8/2010 | 11/8/2010 | 5/10/2012 | |
| | 2012-0150655 | 12/964,524 | EXPIRED | US | UTL | INTRA-EBOOK LOCATION DETECTION TECHNIQUES | 12/9/2010 | 12/9/2010 | 6/14/2012 | |
| | 2012-0151351 | 12/966,158 | ABANDONED | US | UTL | Ebook social integration techniques | 12/13/2010 | 12/13/2010 | 6/14/2012 | |
| | 2012-0209698 A1 | 13/026,083 | ABANDONED | US | UTL | HYBRID SEARCH RESULTS LISTINGS | 2/11/2011 | 2/11/2011 | 8/16/2012 | |
| | 2012-0197986 A1 | 13/016,609 | ABANDONED | US | UTL | USER-CUSTOMIZABLE SOCIAL GROUPING TECHNIQUES | 1/28/2011 | 1/28/2011 | 8/2/2012 | |
| | 2012-0191528 | 13/014,386 | ABANDONED | US | UTL | PRICING AND PAYMENT ALLOCATION AMONG ONLINE ADVERTISING PARTIES | 1/26/2011 | 1/26/2011 | 6/26/2012 | |

PATENT
REEL: 058534 FRAME: 0403

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2012-0158486 A1 | 12/970,446 | ABANDONED | US | UTL | Profiles, Templates And Matching In Integrated And Comprehensive Advertising Campaign Management And Optimization | 12/16/2010 | 12/16/2010 | 6/21/2012 | |
| | 2012-0158508 | 12/973,537 | ABANDONED | US | UTL | MOBILE ADVERTISING INCLUDING LOCALIZED ADVERTISER BIDDING | 12/20/2010 | 12/20/2010 | 6/21/2012 | |
| | 2012-0271713 A1 | 13/092,763 | ABANDONED | US | UTL | METHOD OF USING GPS AND/OR VEHICLE SENSOR DATA FOR DETECTING USER INTERESTS AND BENEFITS, AND FOR ADVERTISEMENT TARGETING | 4/22/2011 | 4/22/2011 | 10/25/2012 | |
| | 2012-0278146 | 13/094,640 | ABANDONED | US | UTL | ONLINE SOCIAL BRAND AMBASSADORS | 4/26/2011 | 4/26/2011 | 11/1/2012 | |
| | 2012-0265608 A1 | 13/087,904 | ABANDONED | US | UTL | Ad Basket | 4/15/2011 | 4/15/2011 | 10/18/2012 | |
| | 2012-0296730 A1 | 13/111,763 | ABANDONED | US | UTL | METHODS AND SYSTEMS FOR GAMIFYING COUPON OFFERINGS | 5/19/2011 | 5/19/2011 | 11/22/2012 | |
| | 2012-0296735 A1 | 13/112,301 | ABANDONED | US | UTL | UNIFIED METRIC IN ADVERTISING CAMPAIGN PERFORMANCE EVALUATION | 5/20/2011 | 5/20/2011 | 11/22/2012 | |
| | 2012-0265605 | 13/088,257 | ABANDONED | US | UTL | MOBILE COUPON BASKET | 4/15/2011 | 4/15/2011 | 10/18/2012 | |
| | 2013-0030929-A1 | 13/193,216 | ABANDONED | US | UTL | RESERVE PRICE RANDOMNESS IN ONLINE ADVERTISING | 7/28/2011 | 7/28/2011 | 1/31/2013 | |
| | 2013-0054349-A1 | 13/220,474 | ABANDONED | US | UTL | Integrated And Comprehensive Advertising Campaign Remap | 8/29/2011 | 8/29/2011 | 2/28/2013 | |

PATENT
REEL: 058534 FRAME: 0404

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 13/267,518 | ABANDONED | US | UTL | METHODS AND SYSTEMS FOR MEASURING ADVERTISEMENT EFFECTIVENESS | 10/6/2011 | 10/6/2011 | | |
| | 2013-0054329 A1 | 13/223,112 | ABANDONED | US | UTL | Net offer values in coupon basket applications and usage | 8/31/2011 | 8/31/2011 | 2/28/2013 | |
| | 2013-0091015-A1 | 13/269,383 | ABANDONED | US | UTL | METHODS AND SYSTEMS FOR VIRTUAL VENDOR HAWKING USING DIRECTIONAL ADVERTISING | 10/7/2011 | 10/7/2011 | 4/11/2013 | |
| | 2012-0303453 A1 | 13/116,598 | ABANDONED | US | UTL | METHODS AND SYSTEMS FOR SECURELY TARGETING ADVERTISEMENTS ON LOGIN PAGES | 5/26/2011 | 5/26/2011 | 11/29/2012 | |
| 9,078,025 | 2013-0024887 | 13/186,300 | ISSUED | US | UTL | Using Companion Ads In Adlite Rich Media | 7/29/2011 | 7/19/2011 | 1/24/2013 | 7/7/2015 |
| 9,078,026 | 2013-0024278 | 13/186,330 | ISSUED | US | UTL | Lower Bandwidth Solutions Using Adlite Rich Media | 7/19/2011 | 7/19/2011 | 1/24/2013 | 7/7/2015 |
| 9,043,830 | 2013-0024279 A1 | 13/186,347 | ISSUED | US | UTL | ADLITE RICH MEDIA SOLUTIONS WITHOUT PRESENTATION REQUIRING USE OF A VIDEO PLAYER | 7/19/2011 | 7/19/2011 | 1/24/2013 | 5/26/2015 |
| | 2013-0110591 A1 | 13/285,053 | ABANDONED | US | UTL | Methods And Systems For Providing Social Consumer Driven Geo Incentives | 10/31/2011 | 10/31/2011 | 5/2/2013 | |
| | 2013-0085845-A1 | 13/252,471 | ABANDONED | US | UTL | Facilitating deal comparison and advertising in association with emails | 10/4/2011 | 10/4/2011 | 4/4/2013 | |

PATENT
REEL: 058534 FRAME: 0405

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2013-0211906 A1 | 13/397,417 | ABANDONED | US | UTL | Measuring and Utilizing The Effect of Social Sharing In Online Advertising | 2/15/2012 | 2/15/2012 | 8/15/2013 | |
| | 2013-0197982 A1 | 13/363,957 | ABANDONED | US | UTL | Game advertisements | 2/1/2012 | 2/1/2012 | 8/1/2013 | |
| | 2013-0218686 A1 | 13/398,522 | EXPIRED | US | UTL | Methods and Systems For Group Offers Within Group Chat | 2/16/2012 | 2/16/2012 | 8/22/2013 | |
| | 2013-0211904 A1 | 13/371,113 | EXPIRED | US | UTL | GUI That Displays Characteristics of an Advertising Audience Selected By Specifying Targeting Constraints | 2/10/2012 | 2/10/2012 | 8/15/2013 | |
| | 2014-0075463 A1 | 13/613,251 | ABANDONED | US | UTL | Volume based, television related advertisement targeting | 9/13/2012 | 9/13/2012 | 3/13/2014 | |
| | 2013-0275249 A1 | 13/445,232 | ABANDONED | US | UTL | BEST PRICE DISCOVERY WITH BUYER COMMITMENT | 4/12/2012 | 4/12/2012 | 10/17/2013 | |
| | 2013-0332385-A1 | 13/493,481 | ABANDONED | US | UTL | Methods and systems for detecting and extracting product reviews | 6/11/2012 | 6/11/2012 | 12/12/2013 | |
| | 2014-0006164 A1 | 13/537,775 | ABANDONED | US | UTL | METHODS AND SYSTEMS FOR TARGETING ADS BASED ON RISK BEHAVIOR METADATA | 6/29/2012 | 6/29/2012 | 1/2/2014 | |
| | | 13/786,729 | ABANDONED | US | UTL | Systems and Methods for a Non-Intrusive Video Advertisement Wall | 3/6/2013 | 3/6/2013 | | |
| | 2016-0026918 A1 | 14/444,477 | PUBLISHED | US | UTL | Systems and Methods For Providing Recommendations and Explanations | 7/28/2014 | 7/28/2014 | 1/28/2016 | |

PATENT
REEL: 058534 FRAME: 0406

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2015-0058141 A1 | 14/383,415 | PUBLISHED | US | UTL | Detection and Mitigation of On-line Advertisement Abuse | 3/6/2012 | 9/5/2014 | 2/26/2015 | |
| | | 61/884,092 | CONV PRV | US | PRV | A Method For Targeted Offerings Based On Injected Content | 9/29/2013 | 9/29/2013 | | |
| | | 60/214,812 | CONV PRV | US | PRV | Methods, Systems and Computer Software Products for Chinese Information Processing in a Wide Area Network | 6/28/2000 | 6/28/2000 | | |
| | | 11/306,988 | ABANDONED | US | UTL | CONTENT PROVIDER YIELD MANAGEMENT | 1/18/2006 | 1/18/2006 | | |
| | | 11/262,511 | ABANDONED | US | UTL | Search Systems and Methods with Integration of User Judgements Including Trust Networks | 3/15/2004 | 10/28/2005 | | |
| | | 11/012,543 | ABANDONED | US | UTL | System and Method of Automatically Modifying an Online Dating Service Search Using Compatibility Feedback | 9/15/2004 | 12/14/2004 | 3/16/2006 | |
| | US 2006-0059159 A1 | 11/057,075 | ABANDONED | US | UTL | Online Dating Service Providing Response Tracking for a Service Subscriber | 9/15/2004 | 2/11/2005 | 3/16/2006 | |
| | 2006-0059142 | 11/218,904 | ABANDONED | US | UTL | System and Method of Modifying an On-Line Dating Search Using Inline Editing | 9/15/2004 | 9/2/2005 | 3/16/2006 | |
| | 2006-0059164 | 11/220,002 | ABANDONED | US | UTL | ONLINE DATING SERVICE ENABLING TESTIMONIALS FOR A SERVICE SUBSCRIBER | 9/15/2004 | 9/6/2005 | 3/16/2006 | |

PATENT
REEL: 058534 FRAME: 0407

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/463,745 | CONV PRV | US | PRV | Method for Ranking User Preferences | 4/16/2003 | 4/16/2003 | | |
| | US-2004-0210491-A1 | 10/626,151 | ABANDONED | US | UTL | Method for Ranking User Preferences | 4/16/2003 | 7/24/2003 | 10/21/2004 | |
| | | 60/460,222 | EXPIRED | US | PRV | SYSTEMS AND METHODS FOR GENERATING CONCEPT UNITS FROM SEARCH QUERIES | 4/4/2003 | 4/4/2003 | | |
| | | 60/456,905 | EXPIRED | US | PRV | Systems and Methods For Interactive Search Query Refinement | 3/21/2003 | 3/21/2003 | | |
| | | 10/346,721 | ABANDONED | US | UTL | QUERY STRING MATCHING METHOD AND APPARATUS | 1/18/2003 | 1/18/2003 | | |
| | | 11/097,771 | ABANDONED | US | UTL | System and Method for Improving Online Search Engine Results | 1/27/2005 | 3/31/2005 | 7/27/2006 | |
| | US-2006-0259852-A1 | 11/322,663 | ABANDONED | US | UTL | System, Method and Framework For Universal Access To Content and Services | 5/11/2005 | 12/30/2005 | 11/16/2006 | |
| | US-2006-0259575-A1 | 11/322,671 | ABANDONED | US | UTL | User Interface Distribution Systems and Methods | 5/11/2005 | 12/30/2005 | 11/16/2006 | |
| 9,576,057 | 2015-0199435 A1 | 13/732,535 | ISSUED | US | UTL | User interface for navigating a keyword space | 5/27/2005 | 1/2/2013 | 7/16/2015 | 2/21/2017 |
| | 20080005064 | 11/169,864 | ABANDONED | US | UTL | APPARATUS AND METHOD FOR CONTENT ANNOTATION AND CONDITIONAL ANNOTATION RETRIEVAL IN A SEARCH CONTEXT | 6/28/2005 | 6/28/2005 | 1/3/2007 | |

PATENT
REEL: 058534 FRAME: 0408

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2017-0116200 A1 | 15/400,083 | PUBLISHED | US | UTL | Trust Propagation Through Both Explicit and Implicit Social Networks | 6/28/2005 | 1/6/2017 | 4/27/2017 | |
| | 2009-0048821-A1 | 12/131,865 | ABANDONED | US | UTL | Mobile Language Interpreter With Text To Speech | 7/27/2005 | 6/2/2008 | 2/19/2009 | |
| | | 60/533,327 | CONV PRV | US | PRV | Lateral Search | 12/29/2003 | 12/29/2003 | | |
| 5,797,008 | | 08/694,919 | EXPIRED | US | UTL | Memory Storing An Integrated Index Of Database Records | 8/9/1996 | 8/9/1996 | | 8/18/1998 |
| 6,078,923 | | 08/991,179 | EXPIRED | US | UTL | Memory Storing an Integrated Index of Database Records | 8/9/1996 | 12/16/1997 | | 6/20/2000 |
| | 2005-0165757 A1 | 10/974,483 | ABANDONED | US | UTL | Method and apparatus for ranking web page search results | 10/25/2000 | 10/27/2004 | 7/28/2005 | |
| 5,909,677 | | 08/665,709 | EXPIRED | US | UTL | Method For Determining the Resemblance of Documents | 6/18/1996 | 6/18/1996 | | 6/1/1999 |
| 6,230,155 | | 09/197,928 | EXPIRED | US | UTL | Method For Determining The Resemblance of Documents | 6/18/1996 | 11/23/1998 | | 5/8/2001 |
| 5,724,033 | | 08/695,059 | EXPIRED | US | UTL | Method For Encoding Delta Values | 8/9/1996 | 8/9/1996 | | 3/3/1998 |
| 5,914,679 | | 09/032,826 | EXPIRED | US | UTL | Method For Encoding Delta Values | 8/9/1996 | 2/27/1998 | | 6/22/1999 |
| 5,745,898 | | 08/695,906 | EXPIRED | US | UTL | Method For Generating A Compressed Index Of Information Of Records Of A Database | 8/9/1996 | 8/9/1996 | | 4/28/1998 |
| 6,016,493 | | 09/054,431 | EXPIRED | US | UTL | Method For Generating a Compressed Index Of Information Of Records Of A Database | 8/9/1996 | 4/3/1998 | | 1/18/2000 |

PATENT
REEL: 058534 FRAME: 0409

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 5,745,894 | | 08/696,408 | EXPIRED | US | UTL | Method For Generating And Searching A Range-Based Index Of Word-Locations | 8/9/1996 | 8/9/1996 | | 4/28/1998 |
| 5,915,251 | | 09/054,445 | EXPIRED | US | UTL | Method For Generating And Searching A Range-Based Index Of Word-Locations | 8/9/1996 | 4/3/1998 | | 6/22/1999 |
| 5,745,900 | | 08/711,192 | EXPIRED | US | UTL | Method For Indexing Duplicate Database Records Using A Full-Record Fingerprint | 8/9/1996 | 8/9/1996 | | 4/28/1998 |
| 5,970,497 | | 09/066,654 | EXPIRED | US | UTL | Method For Indexing Duplicate Records Of Information In A Database | 8/9/1996 | 4/27/1998 | | 10/19/1999 |
| 6,230,158 | | 09/420,950 | EXPIRED | US | UTL | Method For Indexing Duplicate Records of Information of a Database | 8/9/1996 | 10/19/1999 | | 5/8/2001 |
| 5,745,899 | | 08/689,541 | EXPIRED | US | UTL | Method For Indexing Information Of A Database | 8/9/1996 | 8/9/1996 | | 4/28/1998 |
| 5,765,168 | | 08/696,816 | EXPIRED | US | UTL | Method For Maintaining An Index | 8/9/1996 | 8/9/1996 | | 6/9/1998 |
| 5,787,435 | | 08/700,748 | EXPIRED | US | UTL | Method For Mapping An Index Of A Database Into An Array Of Files | 8/9/1996 | 8/9/1996 | | 7/28/1998 |
| 5,963,954 | | 09/123,542 | EXPIRED | US | UTL | Method For Mapping An Index Of A Database Into An Array Of Files | 8/9/1996 | 7/28/1998 | | 10/5/1999 |
| 5,852,820 | | 08/689,542 | EXPIRED | US | UTL | Method for Optimizing Entries for Searching an Index | 8/9/1996 | 8/9/1996 | | 12/22/1998 |
| 6,047,286 | | 09/138,088 | EXPIRED | US | UTL | Method for Optimizing Entries for searching an Index | 8/9/1996 | 8/21/1998 | | 4/4/2000 |

PATENT
REEL: 058534 FRAME: 0410

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 5,745,889 | | 08/694,793 | EXPIRED | US | UTL | Method for Parsing Information of Databases Records Using Word Location Pairs and metaword Location Pairs | 8/9/1996 | 8/9/1996 | | 4/28/1998 |
| 5,966,703 | | 09/054,438 | EXPIRED | US | UTL | Technique For Indexing Information Stored As A Plurality Of Records | 8/9/1996 | 4/3/1998 | | 10/12/1999 |
| 5,864,863 | | 08/696,406 | EXPIRED | US | UTL | Method For Parsing, Indexing And Searching World-Wide-Web Pages | 8/9/1996 | 8/9/1996 | | 1/26/1999 |
| 6,021,409 | | 09/149,090 | EXPIRED | US | UTL | Method for Parsing, Indexing, and Searching World-Wide Web Pages | 8/9/1996 | 9/8/1998 | | 2/1/2000 |
| 5,765,158 | | 08/696,409 | EXPIRED | US | UTL | Method for Sampling a Compressed Index to Create a Summarized Index | 8/9/1996 | 8/9/1996 | | 6/9/1998 |
| 5,832,500 | | 08/695,060 | EXPIRED | US | UTL | Method For Searching An Index | 8/9/1996 | 8/9/1996 | | 11/3/1998 |
| 5,966,710 | | 09/150,349 | EXPIRED | US | UTL | Method For Searching An Index | 8/29/1996 | 9/9/1998 | | 10/12/1999 |
| 5,765,150 | | 08/695,905 | EXPIRED | US | UTL | Method For Statistically Projecting The Ranking Of Information | 8/9/1996 | 8/9/1996 | | 6/9/1998 |
| 5,765,149 | | 08/695,057 | EXPIRED | US | UTL | Modified Collection Frequency Ranking Method | 8/9/1996 | 8/9/1996 | | 6/9/1998 |
| 5,809,502 | | 08/695,904 | EXPIRED | US | UTL | Object-Oriented Interface For An Index | 8/9/1996 | 8/9/1996 | | 9/15/1998 |
| 6,067,543 | | 09/135,656 | EXPIRED | US | UTL | Object Oriented Interface For An Index | 8/9/1996 | 8/18/1998 | | 5/23/2000 |
| 5,745,890 | | 08/694,912 | EXPIRED | US | UTL | Sequential Searching Of A Database Index Using Constraints On Word-Location Pairs | 8/9/1996 | 8/9/1996 | | 4/28/1998 |

REEL: 058534 FRAME: 0411 PATENT

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 09/054,439 | ABANDONED | US | UTL | Sequential Searching Of A Database Index Using Constraints On Word-Location Pairs | 8/9/1996 | 4/3/1998 | | |
| 6,105,019 | | 09/361,383 | EXPIRED | US | UTL | CONSTRAINED SEARCHING OF AN INDEX | 8/9/1996 | 6/26/1999 | | 8/15/2000 |
| 6,317,741 | | 09/634,465 | EXPIRED | US | UTL | Technique for deleting duplicate records references in an index of a database | 8/9/1996 | 8/7/2000 | | 11/13/2001 |
| 7,406,460 | 2004-0243569 A1 | 10/827,354 | EXPIRED | US | UTL | Technique for ranking records of a database | 8/9/1996 | 4/20/2004 | 12/2/2004 | 7/29/2008 |
| 5,974,455 | | 08/571,748 | EXPIRED | US | UTL | System For Adding New Entry to Web Page table Upon Receiving Web Page Including Link to Another Web Page Not Having Corresponding Entry in web page Table | 12/13/1995 | 12/13/1995 | | 10/26/1999 |
| 6,032,196 | | 09/143,110 | EXPIRED | US | UTL | System For Adding New Entry to Web Page table Upon Receiving Web Page Including Link to Another Web Page Not Having Corresponding Entry in web page Table | 12/13/1995 | 8/28/1998 | | 2/29/2000 |
| | | 09/250,240 | ABANDONED | US | UTL | System and Method for Sharing Bookmark Information | 2/16/1999 | 2/16/1999 | | |
| | US-2008-0147608-A1 | 11/638,754 | ABANDONED | US | UTL | Video Search And Indexing Systems And Methods | 12/14/2006 | 12/14/2006 | 6/19/2008 | |

PATENT
REEL: 058534 FRAME: 0412

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|---|---|---|---|---|---|---|---|---|---|---|
| 7,965,923 | 20070253678 | 11/416,014 | ISSUED | US | UTL | Systems and Methods for Indexing and Searching Digital Video Content | 5/1/2006 | 5/1/2006 | 11/1/2007 | 6/21/2011 |
| 9,196,310 | 2011-0211814 A1 | 13/104,327 | ISSUED | US | UTL | Systems and Methods for Indexing and Searching Digital Video Content | 5/1/2006 | 5/10/2011 | 9/1/2011 | 11/24/2015 |
| | US-2008-0147636-A1 | 11/638,753 | ABANDONED | US | UTL | Video Distribution Systems And Methods | 12/14/2006 | 12/14/2006 | 6/19/2008 | |
| | 20070094250 | 11/256,203 | ABANDONED | US | UTL | Using Matrix Representations of Search Engine Operations to Make Inferences About Documents in the Search Corpus | 10/20/2005 | 10/20/2005 | 4/26/2007 | |
| | US-2007-0100798-A1 | 11/264,305 | ABANDONED | US | UTL | Community Built Result Sets and Methods of Using the Same | 10/31/2005 | 10/31/2005 | 5/3/2007 | |
| | 20070033229 | 11/499,058 | ABANDONED | US | UTL | System And Method For Indexing Structured And Unstructured Audio Content | 8/3/2005 | 8/3/2006 | 2/8/2007 | |
| | US-2007-0143264-A1 | 11/316,028 | ABANDONED | US | UTL | Dynamic Search Interface | 12/21/2005 | 12/21/2005 | 6/21/2007 | |
| | | 60/730,542 | CONV PRV | US | PRV | Systems And Methods For Subscribing To Updates Of User Assigned Keywords | 10/25/2005 | 10/25/2005 | | |
| | US-2008-0010294-A1 | 11/586,434 | ABANDONED | US | UTL | Systems And Methods For Subscribing To Updates Of User Assigned Keywords | 10/25/2005 | 10/25/2006 | 1/10/2008 | |

PATENT
REEL: 058534 FRAME: 0413

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|---|---|---|---|---|---|---|---|---|---|---|
| | 20070255755 | 11/415,838 | ABANDONED | US | UTL | Video Search Engine Using Joint Categorization of Video Clips and Queries Based on Multiple Modalities | 5/1/2006 | 5/1/2006 | 11/1/2007 | |
| | | 11/598,239 | ABANDONED | US | UTL | System and method for generating substitutable queries | 11/9/2005 | 11/9/2006 | | |
| | 20070143248 | 11/305,915 | ABANDONED | US | UTL | Method Using Query Processing Servers for Query Processing of Column Chunks in a Distributed Column Chunk Data Store | 12/19/2005 | 12/19/2005 | 6/21/2007 | |
| | 2016-0283604 A1 | 15/181,586 | PUBLISHED | US | UTL | System And Method For Searching A Bookmark And Tag Database For Relevant Bookmarks | 7/28/2006 | 6/14/2016 | 9/29/2016 | |
| | 20070288426 A1 | 11/452,127 | ABANDONED | US | UTL | System and method for bookmarking and auto-tagging a content item based on file type | 6/12/2006 | 6/12/2006 | 12/13/2008 | |
| | 20080189593 | 11/602,450 | ABANDONED | US | UTL | System and method for enabling flash playback MP3 files available on a web page | 11/20/2006 | 11/20/2006 | 8/7/2008 | |
| | | 11/948,374 | ABANDONED | US | UTL | Identifying and Measuring Related Queries | 2/28/2006 | 11/30/2007 | 3/27/2008 | |
| 814,513 | US-2008-0060013-A1 | 11/517,495 | ISSUED | US | UTL | Video Channel Creation Systems and Methods | 9/6/2006 | 9/6/2006 | 3/6/2008 | 10/12/2010 |
| | US-2008-0133671-A1 | 11/565,594 | ABANDONED | US | UTL | INSTANT ANSWERING | 11/30/2006 | 11/30/2006 | 6/5/2008 | |
| | | 09/630,227 | ABANDONED | US | UTL | Targeted E-Commerce System | 8/1/2000 | 8/1/2000 | | |
| | US-2010-0211463-A1 | 12/723,071 | ABANDONED | US | UTL | Targeted e-commerce system | 8/1/2000 | 3/12/2010 | 8/19/2010 | |

PATENT
REEL: 058534 FRAME: 0414

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2008-0201634-A1 | 11/676,728 | ABANDONED | US | UTL | System and method for customizing a user interface | 2/20/2007 | 2/20/2007 | 8/21/2008 | |
| | US-2008-0077569-A1 | 11/608,455 | ABANDONED | US | UTL | Integrated Search Service System and Method | 12/8/2006 | 12/8/2006 | 3/27/2008 | |
| | 20080189290 | 11/671,837 | ABANDONED | US | UTL | Method and System for Representing an Exploration of Resources Over a Communication Network | 2/6/2007 | 2/6/2007 | 8/7/2008 | |
| | 2008-0109363 A1 | 11/591,948 | ABANDONED | US | UTL | System and method for generating revenue for publishers of multimedia content over a network | 11/2/2006 | 11/2/2006 | 5/8/2008 | |
| | 20080097891 | 11/608,546 | ABANDONED | US | UTL | Virtual Stock Market Service Based on Search Index | 10/19/2006 | 12/8/2006 | 4/24/2008 | |
| 7,917,465 | 2009-0063446 | 11/845,340 | ISSUED | US | UTL | System and method for providing vector terms related to instant messaging conversations | 8/27/2007 | 8/27/2007 | 3/5/2009 | 3/29/2011 |
| 8,234,239 | 2011-0153585 | 13/034,204 | ISSUED | US | UTL | System and method for providing vector terms related to instant messaging conversations | 8/27/2007 | 2/24/2011 | 6/23/2011 | 7/31/2012 |
| 8,666,932 | 2012-0265747 A1 | 13/534,559 | ISSUED | US | UTL | System and method for providing vector terms related to instant messaging conversations | 8/27/2007 | 6/27/2012 | 10/18/2012 | 3/4/2014 |
| | 20080222132 | 11/683,301 | ABANDONED | US | UTL | Personalized shopping recommendation based on search units | 3/7/2007 | 3/7/2007 | 9/11/2008 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2008-0270412 A1 | 11/741,010 | EXPIRED | US | UTL | Tracking User Clicks Using Ajax Based Beacons | 4/27/2007 | 4/27/2007 | 10/30/2008 | |
| | | 11/897,300 | ABANDONED | US | UTL | System and method for visualizing and relevance tuning search engine ranking functions | 8/29/2007 | 8/29/2007 | | |
| | 2009-0037414-A1 | 11/832,081 | ABANDONED | US | UTL | Hosted suggestion board system for public customer feedback | 8/1/2007 | 8/1/2007 | 2/5/2009 | |
| | US-2009-0089311-A1 | 11/863,383 | ABANDONED | US | UTL | System and method for inclusion of history in a search results page | 9/28/2007 | 9/28/2007 | 4/2/2009 | |
| | US-2009-0089246-A1 | 11/863,416 | ABANDONED | US | UTL | System and method for history clustering | 9/28/2007 | 9/28/2007 | 4/2/2009 | |
| | US-2008-0297521-A1 | 11/756,301 | ABANDONED | US | UTL | System and method for providing skins for a web page | 5/31/2007 | 5/31/2007 | 12/4/2008 | |
| | US-2009-0089687-A1 | 11/863,431 | ABANDONED | US | UTL | System and method for drill-down search results | 9/28/2007 | 9/28/2007 | 4/2/2009 | |
| | US-2009-0089416-A1 | 11/863,435 | ABANDONED | US | UTL | System and method for non-letter key functionality in a search control | 9/28/2007 | 9/28/2007 | 4/2/2009 | |
| | US-2009-0089690-A1 | 11/863,460 | ABANDONED | US | UTL | System and method for improved tag entry for a content item | 9/28/2007 | 9/28/2007 | 4/2/2009 | |
| | 2008-0301573 A1 | 11/755,146 | ABANDONED | US | UTL | System and method for indicating page component focus | 5/30/2007 | 5/30/2007 | 12/4/2008 | |
| | 2008-0306819 | 11/760,069 | ABANDONED | US | UTL | System and method for shaping relevance scores for position auctions | 6/8/2007 | 6/8/2007 | 12/11/2008 | |

PATENT
REEL: 058534 FRAME: 0416

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|---|---|---|---|---|---|---|---|---|---|---|
| 5,574,909 | | 08/531,570 | EXPIRED | US | UTL | Apparatus And Method For Data Search Using Selected Or Representative Data Sample | 4/1/1994 | 8/28/1995 | | 11/12/1996 |
| | | 08/221,917 | ABANDONED | US | UTL | Apparatus And Method For Data Search Using Selected Or Representative Data Sample | 4/1/1994 | 4/1/1994 | | |
| | US-2009-01066811-A1 | 11/875,040 | ABANDONED | US | UTL | Method and apparatus for geographic specific search results including a map-based display | 10/19/2007 | 10/19/2007 | 4/23/2009 | |
| | US-2009-0012996-A1 | 11/772,766 | ABANDONED | US | UTL | Syndication Optimization System | 7/2/2007 | 7/2/2007 | 1/8/2009 | |
| | US-2009-0024410-A1 | 11/778,446 | ABANDONED | US | UTL | Vertical content searching method and apparatus | 7/16/2007 | 7/16/2007 | 1/22/2009 | |
| | 2009-0012855-A1 | 11/774,382 | ABANDONED | US | UTL | System and Method of Using CAPTCHAS as Ads | 7/6/2007 | 7/6/2007 | 1/8/2009 | |
| | 2008-0320124-A1 | 11/766,913 | ABANDONED | US | UTL | Data-assisted content programming | 6/22/2007 | 6/22/2007 | | |
| | 2009-301100 A1 | 11/863,444 | PUBLISHED | US | UTL | System and method for indicating page component focus | 9/28/2007 | 9/28/2007 | 12/4/2008 | |
| | US-2009-0171967-A1 | 11/964,916 | ABANDONED | US | UTL | System and method for providing description diversity | 12/27/2007 | 12/27/2007 | 7/2/2009 | |
| | US-2009-0076902-A1 | 11/856,584 | ABANDONED | US | UTL | Advertising Within Address Books | 9/17/2007 | 9/17/2007 | 3/19/2009 | |
| | US-2009-0138348-A1 | 11/944,958 | ABANDONED | US | UTL | Redistribution And Redemption Of Commercial Incentives | 11/26/2007 | 11/26/2007 | 5/28/2009 | |
| | 2011-0313841 A1 | 13/219,107 | ABANDONED | US | UTL | Targeted Distribution Of Electronic Coupons | 11/26/2007 | 8/26/2011 | 12/22/2011 | |

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REEL: 058534 FRAME: 0417

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0125516-A1 | 11/939,834 | ABANDONED | US | UTL | System and method for detecting duplicate content items | 11/14/2007 | 11/14/2007 | 5/14/2009 | |
| | US-2009-0112833-A1 | 11/930,000 | ABANDONED | US | UTL | Federated Search Data Normalization for Rich Presentation | 10/30/2007 | 10/30/2007 | 4/30/2009 | |
| | US-2009-0112800-A1 | 11/924,784 | ABANDONED | US | UTL | OmniDetailed Search Result Aggregator/ Search Universe | 10/26/2007 | 10/26/2007 | 4/30/2009 | |
| | 2009-0164298-A1 | 11/962,582 | ABANDONED | US | UTL | A Method for Market Reserve Price Modeling in an Advanced Match Environment | 12/21/2007 | 12/21/2007 | 6/25/2009 | |
| 8,171,388 | 2009-0132689 | 11/941,009 | ISSUED | US | UTL | Trust Based Moderation | 11/15/2007 | 11/15/2007 | 5/21/2009 | 5/1/2012 |
| 9,576,253 | 2012-0180138 A1 | 13/425,863 | ISSUED | US | UTL | Trust Based Moderation | 11/15/2007 | 3/21/2012 | 7/12/2012 | 2/21/2017 |
| | US-2009-0204319-A1 | 12/029,243 | ABANDONED | US | UTL | Real Time Parking Search And Point-To-Point Direction Generator | 2/11/2008 | 2/11/2008 | 8/13/2009 | |
| | 2010-0071046-A1 | 12/212,581 | ABANDONED | US | UTL | Method and System for Enabling Access to a Web Service Provider Through Login Based Badges Embedded in a Third Party Site | 9/17/2008 | 9/17/2008 | 3/18/2010 | |
| | US-2010-0082860-A1 | 12/239,358 | ABANDONED | US | UTL | System and method for updating the status of an asynchronous, idempotent message channel | 9/26/2008 | 9/26/2008 | 4/1/2010 | |
| | 2009-0248659 A1 | 12/056,818 | PUBLISHED | US | UTL | System and Method For Maintenance Of Questions and Answers Through Collaborative and Community Editing | 3/27/2008 | 3/27/2008 | 10/1/2009 | |

PATENT
REEL: 058534 FRAME: 0418

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0319481-A1 | 12/141,232 | ABANDONED | US | UTL | Framework for aggregating information of web pages from a website | 6/18/2008 | 6/18/2008 | 12/24/2009 | |
| | US 2010/0174715 | 12/710,165 | ABANDONED | US | UTL | Generating Document Templates That Are Robust To Structural Variations | 5/2/2008 | 2/22/2010 | 7/8/2010 | |
| | US-2009-0234836- | 12/048,715 | ABANDONED | US | UTL | Multi-term search result with unsupervised query segmentation method and apparatus | 3/14/2008 | 3/14/2008 | 9/17/2009 | |
| | US-2009-0199115-A1 | 12/023,925 | ABANDONED | US | UTL | System and method for utilizing tiles in a search results page | 1/31/2008 | 1/31/2008 | 8/6/2009 | |
| | 2009-0313581 | 12/137,478 | ABANDONED | US | UTL | Non-Mouse Computer Input Method And Apparatus | 6/11/2008 | 6/11/2008 | 12/17/2009 | |
| | US-2010-0030765-A1 | 12/182,727 | ABANDONED | US | UTL | Automatic Generation Of Attribution Information For Research Documents | 7/30/2008 | 7/30/2008 | 2/4/2010 | |
| | US-2010-0036784-A1 | 12/187,580 | ABANDONED | US | UTL | Systems and methods for finding high quality content in social media | 8/7/2008 | 8/7/2008 | 2/11/2010 | |
| | 2010-0241740 | 12/409,339 | ABANDONED | US | UTL | System and Method for Resolving Network Addresses | 3/23/2009 | 3/23/2009 | 9/23/2010 | |
| | US-2010-0036809-A1 | 12/187,236 | ABANDONED | US | UTL | Tracking Market-Share Trends Based on User Activity | 8/6/2008 | 8/6/2008 | 2/11/2010 | |
| | US-2010-0082609-A1 | 12/242,301 | ABANDONED | US | UTL | System And Method For Blending User Rankings For An Output Display | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | US-2010-0198715-A1 | 12/363,753 | ABANDONED | US | UTL | System and method for keyword-based trading | 1/31/2009 | 1/31/2009 | 8/5/2010 | |

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REEL: 058534 FRAME: 0419

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2010-0205544 A1 | 12/368,937 | PUBLISHED | US | UTL | Generating A Live Chat Session In Response To Selection Of A Contextual Shortcut | 2/10/2009 | 2/10/2009 | 8/12/2010 | |
| | US 2010-0114938 A1 | 12/254,774 | ABANDONED | US | UTL | Search Results For A Topic That Include A List Of Messaging Users That Have Previously Searched On That Topic | 10/20/2008 | 10/20/2008 | 5/6/2010 | |
| | 2010-0205191 | 12/367,776 | ABANDONED | US | UTL | User Access Time Based Content Filtering | 2/9/2009 | 2/9/2009 | 8/12/2010 | |
| | US-2010-0082637-A1 | 12/241,299 | ABANDONED | US | UTL | Web Page and Web Site Importance Estimation Using Aggregate Browsing History | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | US 2010-0169376-A1 | 12/345,435 | ABANDONED | US | UTL | Visual Search Engine For Personal Dating | 12/29/2008 | 12/29/2008 | 7/1/2010 | |
| | 2010-0299303 | 12/470,437 | ABANDONED | US | UTL | Automatically Ranking Multimedia Objects Identified in Response to Search Queries | 5/21/2009 | 5/21/2009 | 11/25/2010 | |
| | US-2010-0198813-A1 | 12/365,881 | ABANDONED | US | UTL | Systems and methods for a search engine results page research assistant | 2/4/2009 | 2/4/2009 | 8/5/2010 | |
| | 2010-0275250 | 12/429,507 | ABANDONED | US | UTL | Account Recovery Via Aging Of Account Data Points | 4/24/2009 | 4/24/2009 | 10/28/2010 | |
| | 2010-0306235 | 12/474,031 | ABANDONED | US | UTL | Real-Time Detection of Emerging Web Search Queries | 5/28/2009 | 5/28/2009 | 12/2/2010 | |
| | 2010-0306224 | 12/476,554 | ABANDONED | US | UTL | Online Measurement of User Satisfaction Using Long Duration Clicks | 6/2/2009 | 6/2/2009 | 12/2/2010 | |

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REEL: 058534 FRAME: 0420

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2017-0027086 A1 | 13/230,809 | PUBLISHED | US | UTL | Integrated Building Based Air Handler for Server Farm Cooling System | 7/9/2009 | 9/12/2011 | 1/26/2017 | |
| | 20110040769 | 12/541,063 | ABANDONED | US | UTL | Query-URL N-gram Features in Web Ranking | 8/13/2009 | 8/13/2009 | 2/17/2011 | |
| | 20110072045 | 12/565,077 | ABANDONED | US | UTL | Creating Vertical Search Engines for Individual Search Queries | 9/23/2009 | 9/23/2009 | 3/24/2011 | |
| 8,266,154 | 2011-0208749 | 12/710,119 | ISSUED | US | UTL | Identifying Top Content Contributors In Online Social Networks | 2/22/2010 | 2/22/2010 | 8/25/2011 | 8/22/2012 |
| | 20110072023 | 12/563,347 | ABANDONED | US | UTL | Detect, Index, and Retrieve Term-Group Attributes for Network Search | 9/21/2009 | 9/21/2009 | 3/24/2011 | |
| | 20110191313 | 12/697,096 | ABANDONED | US | UTL | Improving Ranking for Informational and Unpopular Search Queries by Cumulating Click Relevance | 1/29/2010 | 1/29/2010 | 8/4/2011 | |
| | | 12/576,534 | ABANDONED | US | UTL | Improve Search Ranking for Time-Sensitive Queries by Feedback Control | 10/9/2009 | 10/9/2009 | | |
| | 2011-0258177 A1 | 12/762,807 | PUBLISHED | US | UTL | Systems and methods for providing a microdocument framework for storage, retrieval, and aggregation | 4/19/2010 | 4/19/2010 | 10/20/2011 | |
| | 20110184981 | 12/694,515 | ABANDONED | US | UTL | Personalize Search Results For Search Queries With General Implicit Local Intent | 1/27/2010 | 1/27/2010 | 7/28/2011 | |
| | | 12/731,458 | ABANDONED | US | UTL | Encoding and Accessing Position Data | 3/25/2010 | 3/25/2010 | | |

PATENT
REEL: 058534 FRAME: 0421

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2012-0102121 | 12/910,911 | ABANDONED | US | UTL | System and method for providing topic cluster based updates | 10/25/2010 | 10/25/2010 | 4/26/2012 | |
| D723,047 | | 29/380,267 | ISSUED | US | DES | Display Screen with a Graphical User Interface | 12/2/2010 | 12/2/2010 | | 2/24/2015 |
| | 20120143875 | 12/958,151 | ABANDONED | US | UTL | Method and System For Discovering Dynamic Relations Among Entities | 12/1/2010 | 12/1/2010 | 6/7/2012 | |
| | 2012-0158495 | 12/979,792 | ABANDONED | US | UTL | Method And System For Classifying Web Sites Using Query-Based Web Site Models | 12/28/2010 | 12/28/2010 | 6/21/2012 | |
| | 2013-0110823 A1 | 13/282,017 | PUBLISHED | US | UTL | System And Method For Recommending Content Based On Search History And Trending Topics | 10/26/2011 | 10/26/2011 | 5/2/2013 | |
| | | 61/472,510 | CONV PRV | US | PRV | System and Method for Mobile Application Search | 4/6/2011 | 4/6/2011 | | |
| | 2012-0316955 | 13/441,119 | PUBLISHED | US | UTL | System and Method for Mobile Application Search | 4/6/2011 | 4/6/2012 | 12/13/2012 | |
| | 2013-0311306 A1 | 13/476,442 | ABANDONED | US | UTL | Providing Focus To A Search Module Presented On A Dynamic Web Page | 5/21/2012 | 5/21/2012 | 11/21/2013 | |
| | 2013-0031470 A1 | 13/193,889 | PUBLISHED | US | UTL | Method and system for personalizing web page layout | 7/29/2011 | 7/29/2011 | 1/31/2013 | |
| | 2013-0325897 A1 | 13/483,175 | PUBLISHED | US | UTL | System and Methods for Providing Content | 5/30/2012 | 5/30/2012 | 12/5/2013 | |
| | 2014-0020065 A1 | 13/545,099 | PUBLISHED | US | UTL | Network Appliance | 7/10/2012 | 7/10/2012 | 1/16/2014 | |
| | 2013-0297720 A1 | 13/461,010 | PUBLISHED | US | UTL | Contextual Application Delivery | 5/1/2012 | 5/1/2012 | 11/7/2013 | |

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REEL: 058534 FRAME: 0422

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2013-0297721 A1 | 13/461,108 | PUBLISHED | US | UTL | Contextual Application Customization | 5/1/2012 | 5/1/2012 | 11/7/2013 | |
| | 2013-0297402 A1 | 13/461,271 | PUBLISHED | US | UTL | Contextual Application Tracking | 5/1/2012 | 5/1/2012 | 11/7/2013 | |
| | 2013-0254685 A1 | 13/425,558 | PUBLISHED | US | UTL | Seamless Browsing Between Devices | 3/21/2012 | 3/21/2012 | 9/26/2013 | |
| | | 10/942,335 | ABANDONED | US | UTL | Automatic Updating of Trust Networks in Recommender System | 9/15/2004 | 9/15/2004 | | |
| | 2013-0282702 A1 | 13/449,568 | ABANDONED | US | UTL | Method and System for Search Assistance | 4/18/2012 | 4/18/2012 | 10/24/2013 | |
| | 2014-0019460 A1 | 13/592,402 | ABANDONED | US | UTL | Targeted Search Suggestions | 8/23/2012 | 8/23/2012 | 1/16/2014 | |
| | 2014-0172652 A1 | 13/720,703 | PUBLISHED | US | UTL | Automated Categorization Of Products In A Merchant Catalog | 12/19/2012 | 12/19/2012 | 6/19/2014 | |
| 9,679,082 | 2014-0372415 A1 | 14/452,645 | ISSUED | US | UTL | Method and System for Identifying and Delivering Enriched Content | 6/14/2013 | 8/6/2014 | 12/18/2014 | 6/13/2017 |
| | 2015-0205768 A1 | 14/364,168 | PUBLISHED | US | UTL | Method and System for Identifying and Delivering Enriched Content | 6/14/2013 | 6/10/2014 | 7/23/2015 | |
| 9,407,586 | 2016-0057086 A1 | 14/344,120 | ISSUED | US | UTL | Method and System for Cross Device Notification | 3/15/2013 | 3/11/2014 | 2/25/2016 | 8/2/2016 |
| | 2015-0248426 A1 | 14/346,512 | PUBLISHED | US | UTL | Method and System for Retrieving User-Specific Information | 3/15/2013 | 3/21/2014 | 9/3/2015 | |
| | 2015-0180733 A1 | 14/138,296 | PUBLISHED | US | UTL | Method and System for Delivering Web Page Content Using Edge Server | 12/23/2013 | 12/23/2013 | 6/25/2015 | |
| | 2015-0161282 A1 | 14/103,480 | PUBLISHED | US | UTL | Method and System for Smart URL Shortening Service | 12/11/2013 | 12/11/2013 | 6/11/2015 | |

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REEL: 058534 FRAME: 0423

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2014-0280550 A1 | 13/836,218 | PUBLISHED | US | UTL | Method and System for Measuring User Engagement From Stream Depth | 3/15/2013 | 3/15/2013 | 9/18/2014 | |
| | 2014-0278308 A1 | 13/836,556 | PUBLISHED | US | UTL | Method And System For Measuring User Engagement Using Click/skip In Content Stream | 3/15/2013 | 3/15/2013 | 9/18/2014 | |
| | 2014-0280214 A1 | 13/839,169 | PUBLISHED | US | UTL | Method and System for Multi-Phase Ranking for Content Personalization | 3/15/2013 | 3/15/2013 | 9/18/2014 | |
| | 2014-0280890 A1 | 13/836,758 | PUBLISHED | US | UTL | Method and System for Measuring User Engagement Using Scroll Dwell Time | 3/15/2013 | 3/15/2013 | 9/18/2014 | |
| | | 13/448,049 | PENDING | US | UTL | Cascaded Multi-tier Visual Search System | 4/16/2012 | 4/16/2012 | | |
| | | 61/976,344 | ABANDONED | US | PRV | Hierarchical Dirichlet Model for Taxonomy Expansion for Search Engines | 4/7/2014 | 4/7/2014 | | |
| | 2016-0283585 A1 | 14/399,696 | PUBLISHED | US | UTL | METHOD AND SYSTEM FOR PROVIDING A PERSONALIZED SNIPPET | 7/8/2014 | 11/7/2014 | 9/29/2016 | |
| | 2016-0342705 A1 | 14/435,789 | PUBLISHED | US | UTL | Method and system for determining user interests based on a correspondence graph | 12/17/2014 | 4/15/2015 | 11/24/2016 | |
| | 2016-0173617 A1 | 14/572,215 | PUBLISHED | US | UTL | CONTINUING AN APPLICATION SESSION ON A DIFFERENT DEVICE | 12/16/2014 | 12/16/2014 | 6/16/2016 | |
| | 2016-0350355 A1 | 14/411,136 | PUBLISHED | US | UTL | METHOD AND SYSTEM FOR ANALYZING A USER AGENT STRING | 11/25/2014 | 12/24/2014 | 12/1/2016 | |

PATENT
REEL: 058534 FRAME: 0424

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2016-0350400 A1 | 14/410,702 | PUBLISHED | US | UTL | METHOD AND SYSTEM FOR PROVIDING A USER AGENT STRING DATABASE | 11/25/2014 | 12/23/2014 | 12/1/2016 | |
| | 2015-0324362 A1 | 14/270,917 | PUBLISHED | US | UTL | Method and system for measuring user engagement with content items | 5/6/2014 | 5/6/2014 | 11/12/2015 | |
| | 2015-0324271 A1 | 14/270,950 | PUBLISHED | US | UTL | Method and system for measuring user engagement with content items | 5/6/2014 | 5/6/2014 | 11/12/2015 | |
| | 2015-0324361 A1 | 14/270,862 | PUBLISHED | US | UTL | Method and system for evaluating user satisfaction with respect to a user session | 5/6/2014 | 5/6/2014 | 11/12/2015 | |
| | 2017-0147694 A1 | 14/436,166 | PUBLISHED | US | UTL | Method and system for providing interaction driven electronic social experience | 12/8/2014 | 4/16/2015 | 5/25/2017 | |
| | 2016-0188725 A1 | 14/586,202 | PUBLISHED | US | UTL | METHOD AND SYSTEM FOR ENHANCED CONTENT RECOMMENDATION | 12/30/2014 | 12/30/2014 | 6/30/2016 | |
| | 2016-0110646 A1 | 14/519,273 | PUBLISHED | US | UTL | METHOD AND SYSTEM FOR COLD-START ITEM RECOMMENDATION | 10/21/2014 | 10/21/2014 | 4/21/2016 | |
| | 2016-0140125 A1 | 14/546,635 | PUBLISHED | US | UTL | METHOD AND SYSTEM FOR PROVIDING QUERY SUGGESTIONS BASED ON USER FEEDBACK | 11/18/2014 | 11/18/2014 | 5/19/2016 | |
| 9,329,842 | 2016-0147509 A1 | 14/552,695 | ISSUED | US | UTL | METHOD AND SYSTEM FOR PROVIDING A USER INTERFACE | 11/25/2014 | 11/25/2014 | 5/26/2016 | 5/3/2016 |
| | 2016-0125085 A1 | 14/529,415 | PUBLISHED | US | UTL | RECOMMENDING CONTENTS USING A BASE PROFILE | 10/31/2014 | 10/31/2014 | 5/5/2016 | |

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REEL: 058534 FRAME: 0425

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2016-0371378 A1 | 14/436,640 | PUBLISHED | US | UTL | Method and System for Online User Profiling | 2/11/2015 | 4/17/2015 | 12/22/2016 | |
| | 2017-0140006 A1 | 14/439,288 | PUBLISHED | US | UTL | Method and system for presenting a search result in a search result card | 4/23/2015 | 4/29/2015 | 5/18/2017 | |
| | 2017-0046195 A1 | 14/436,935 | PUBLISHED | US | UTL | Method and system for scheduling transactions in a data system | 4/3/2015 | 4/20/2015 | 2/16/2017 | |
| | 2017-0046376 A1 | 14/436,939 | PUBLISHED | US | UTL | Method and System for Monitoring Data Quality and Dependency | 4/3/2015 | 4/20/2015 | 2/16/2017 | |
| | 2017-0046234 A1 | 14/437,300 | PUBLISHED | US | UTL | Method and system for data recovery in a data system | 4/3/2015 | 4/21/2015 | 2/16/2017 | |
| | 2016-0364757 A1 | 14/896,590 | PUBLISHED | US | UTL | Method and system for sponsored search results placement in a search results page | 6/9/2015 | 12/7/2015 | 12/15/2016 | |
| | 2017-0076327 A1 | 14/851,214 | PUBLISHED | US | UTL | Method and System for Dynamically Providing Advertisements for Comparison | 9/11/2015 | 9/11/2015 | 3/16/2017 | |
| | 2017-0004542 A1 | 14/755,483 | PUBLISHED | US | UTL | Method and System for Providing Content Supply Adjustment | 6/30/2015 | 6/30/2015 | 1/5/2017 | |
| | 2017-0004541 A1 | 14/755,399 | PUBLISHED | US | UTL | Method and System for Analyzing User Behavior Associated with Web Contents | 6/30/2015 | 6/30/2015 | 1/5/2017 | |
| | 2016-0323309 A1 | 14/700,456 | PUBLISHED | US | UTL | Method and System for Blocking Malicious Third Party Site Tagging | 4/30/2015 | 4/30/2015 | 11/3/2016 | |

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REEL: 058534 FRAME: 0426

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2017-0142126 A1 | 14/943,197 | PUBLISHED | US | UTL | Method and System for User Authentication based on a Visual Representation of User Location | 11/17/2015 | 11/17/2015 | 5/18/2017 | |
| | 2017-0139913 A1 | 14/938,990 | PUBLISHED | US | UTL | Method and System for Data Assignment in a Distributed System | 11/12/2015 | 11/12/2015 | 5/18/2017 | |
| | 2017-0161373 A1 | 14/962,081 | PUBLISHED | US | UTL | Method and System for Providing Context Based Query Suggestions | 12/8/2015 | 12/8/2015 | 6/8/2017 | |
| | | 62/162,181 | CONV PRV | US | PRV | Method and System for Ranking Search Content | 5/15/2015 | 5/15/2015 | | |
| | 2016-0335263 A1 | 14/959,122 | PUBLISHED | US | UTL | Method and System for Ranking Search Content | 5/15/2015 | 12/4/2015 | 11/17/2016 | |
| | 2017-0078090 A1 | 14/853,087 | PUBLISHED | US | UTL | Method and System for Exchanging Cryptographic Keys with an Unauthenticated Device | 9/14/2015 | 9/14/2015 | 3/16/2017 | |
| | 2017-0171326 A1 | 14/969,558 | PUBLISHED | US | UTL | Method and System for Tracking Events in Distributed High-Throughput Applications | 12/15/2015 | 12/15/2015 | 6/15/2017 | |
| | | 15/098,415 | PENDING | US | UTL | Method And System For Distributed Machine Learning | 4/14/2016 | 4/14/2016 | | |
| | | 14/983,663 | PENDING | US | UTL | Method and system for recommending content | 12/30/2015 | 12/30/2015 | | |
| | 2017-0098013 A1 | 14/874,814 | PUBLISHED | US | UTL | Method and System for Entity extraction and Disambiguation | 10/5/2015 | 10/5/2015 | 4/6/2017 | |

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REEL: 058534 FRAME: 0427

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2017-0097984 A1 | 14/874,768 | PUBLISHED | US | UTL | Method and System for Generating a knowledge Representation | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | 2017-0097966 A1 | 14/874,543 | PUBLISHED | US | UTL | METHOD AND SYSTEM FOR UPDATING AN INTENT SPACE AND ESTIMATING INTENT BASED ON AN INTENT SPACE | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | 2017-0099249 A1 | 14/874,926 | PUBLISHED | US | UTL | Method and System for Classifying a Question | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | 2017-0098168 A1 | 14/874,852 | PUBLISHED | US | UTL | Method and System for Providing Synthetic Answers to a Personal Question | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | 2017-0097986 A1 | 14/874,996 | PUBLISHED | US | UTL | 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 | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | 2017-0097939 A1 | 14/875,034 | PUBLISHED | US | UTL | Methods, Systems and Techniques for Personalized Search Query Suggestions | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | 2017-0098012 A1 | 14/875,072 | PUBLISHED | US | UTL | Methods, Systems and Techniques for Ranking Personalized and Generic Search Query Suggestions | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | 2017-0098180 A1 | 14/874,512 | PUBLISHED | US | UTL | Method and System for Automatically Generating and Completing a Task | 10/5/2015 | 10/5/2015 | 4/6/2017 | |

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REEL: 058534 FRAME: 0428

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2017-0098261 A1 | 14/874,528 | PUBLISHED | US | UTL | Method and System for Online Task Exchange | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | 2017-0098144 A1 | 14/874,627 | PUBLISHED | US | UTL | Method and System for Generating a Card Based on Intent | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | 2017-0099242 A1 | 14/874,598 | PUBLISHED | US | UTL | Method and System for Dynamically Generating a Card | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | 2017-0097951 A1 | 14/874,566 | PUBLISHED | US | UTL | Method and System for Associating Data from Different Sources to Generating a Person-Centric Space | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | 2017-0097959 A1 | 14/874,576 | PUBLISHED | US | UTL | Method and System for Searching in a Person-Centric Space | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | 2017-0098283 A1 | 14/875,186 | PUBLISHED | US | UTL | METHODS, SYSTEMS AND TECHNIQUES FOR BLENDING ONLINE CONTENT FROM MULTIPLE DISPARATE CONTENT SOURCES INCLUDING A PERSONAL CONTENT SOURCE OR A SEMI-PERSONAL CONTENT SOURCE | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | 2017-0097933 A1 | 14/875,219 | PUBLISHED | US | UTL | METHODS, SYSTEMS AND TECHNIQUES FOR RANKING BLENDED CONTENT RETRIEVED FROM MULTIPLE DISPARATE CONTENT SOURCES | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | | 62/213,554 | CONV PRV | US | PRV | Method and System for Merging Data | 9/2/2015 | 9/2/2015 | | |
| | 2017-0060937 A1 | 14/949,932 | PUBLISHED | US | UTL | Method and System for Merging Data | 9/2/2015 | 11/24/2015 | 3/2/2017 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2017-0098000 A1 | 14/874,547 | PUBLISHED | US | UTL | METHOD AND SYSTEM FOR INTENT-DRIVEN SEARCHING | 10/5/2015 | 10/5/2015 | 4/6/2017 | |
| | | 15/130,217 | PENDING | US | UTL | Method and System for Rewriting a Query | 4/15/2016 | 4/15/2016 | | |
| | 2017-0140429 A1 | 14/938,956 | PUBLISHED | US | UTL | Method and System for Providing advertisements based on Semantic Representations | 11/12/2015 | 11/12/2015 | 5/18/2017 | |
| | | 14/757,446 | PENDING | US | UTL | Method and system for automatic formality classification | 12/23/2015 | 12/23/2015 | | |
| | | 14/757,423 | PENDING | US | UTL | Method and system for automatic formality transformation | 12/23/2015 | 12/23/2015 | | |
| | | 15/063,752 | PENDING | US | UTL | Method and System for Digital Signature-based Adjustable One-time Passwords | 3/8/2016 | 3/8/2016 | | |
| | | 15/162,022 | PENDING | US | UTL | Method And System For Presenting Personalized Products Based On Digital Signage For Electronic Commerce | 5/23/2016 | 5/23/2016 | | |
| | | 15/057,487 | PENDING | US | UTL | Method and system for user profiling for content recommendation | 3/1/2016 | 3/1/2016 | | |
| | | 15/047,003 | PENDING | US | UTL | Method and system for searching encrypted data | 2/18/2016 | 2/18/2016 | | |
| | | 15/586,483 | PENDING | US | UTL | Method and system for searching encrypted data | 2/18/2016 | 5/4/2017 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 15/204,009 | PENDING | US | UTL | Method And System For Ranking Content Items Based On User Engagement Signals | 7/7/2016 | 7/7/2016 | | |
| | | 15/144,196 | PENDING | US | UTL | Method And System For Providing Query Suggestions | 5/2/2016 | 5/2/2016 | | |
| | | 15/009,968 | PENDING | US | UTL | Method and system for distributed deep machine learning | 1/29/2016 | 1/29/2016 | | |
| | | 15/214,901 | PENDING | US | UTL | Method And System For Concurrent Database Operation | 7/20/2016 | 7/20/2016 | | |
| | | 15/249,899 | PENDING | US | UTL | Method And System For Providing Query Suggestions | 8/29/2016 | 8/29/2016 | | |
| | | 15/237,970 | PENDING | US | UTL | Method And System For Multi-label Prediction | 8/16/2016 | 8/16/2016 | | |
| | | 15/272,636 | PENDING | US | UTL | Method And System For Next Word Prediction | 9/22/2016 | 9/22/2016 | | |
| | | 15/272,959 | PENDING | US | UTL | Method And System For Providing Query Suggestions Based On Personalized Spelling Correction | 9/22/2016 | 9/22/2016 | | |
| | | 15/260,596 | PENDING | US | UTL | Method And System For Facilitating A Guided Dialog Between A User And A Conversational Agent | 9/9/2016 | 9/9/2016 | | |
| | | 15/393,856 | PENDING | US | UTL | Controlling Access To A Shared Resource | 12/29/2016 | 12/29/2016 | | |
| | | 15/338,761 | PENDING | US | UTL | Method And System For Committing Transactions In A Semi-distributed Manner | 10/31/2016 | 10/31/2016 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 08/978,260 | ABANDONED | US | UTL | Method for estimating coverage of web search engines | 11/25/1997 | 11/25/1997 | | |
| | | 15/197,306 | PENDING | US | UTL | Method And System For Querying Streaming Data | 6/29/2016 | 6/29/2016 | | |
| | | 15/394,995 | PENDING | US | UTL | Managing Under- And Over-represented Content Topics In Content Pools | 12/30/2016 | 12/30/2016 | | |
| | | 15/391,716 | PENDING | US | UTL | Method And System For Classifying Network Requests | 12/27/2016 | 12/27/2016 | | |
| | | 15/370,697 | PENDING | US | UTL | Method And System For Automatic Detection And Prevention Of Quality Issues In Online Experiments | 12/6/2016 | 12/6/2016 | | |
| | | 15/388,315 | PENDING | US | UTL | Method And System For Facilitating A User-machine Conversation | 12/22/2016 | 12/22/2016 | | |
| | | 15/433,030 | PENDING | US | UTL | Method And System For Adaptive Online Updating Of Ad Related Models | 2/15/2017 | 2/15/2017 | | |
| | | 15/444,569 | PENDING | US | UTL | METHOD AND SYSTEM FOR SEARCH PROVIDER SELECTION BASED ON PERFORMANCE SCORES WITH RESPECT TO EACH SEARCH QUERY | 2/28/2017 | 2/28/2017 | | |
| | | 15/450,809 | PENDING | US | UTL | Method And System For Query Optimization | 3/6/2017 | 3/6/2017 | | |
| | | 15/417,335 | ABANDONED | US | UTL | Method And System For Managing Resource Utilization Based On Reinforcement Learning | 1/27/2017 | 1/27/2017 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 15/441,842 | ABANDONED | US | UTL | Method And System For Managing Resource Utilization Based On Reinforcement Learning | 1/27/2017 | 2/24/2017 | | |
| | | 15/479,337 | PENDING | US | UTL | METHOD AND SYSTEM FOR RECOMMENDING CONTENT ITEMS TO A USER BASED ON TENSOR FACTORIZATION | 4/5/2017 | 4/5/2017 | | |
| | | 15/601,403 | PENDING | US | UTL | Method And System For High Availability Topology For Master-Slave Data Systems With Low Write Traffic | 5/22/2017 | 5/22/2017 | | |
| | | 15/590,139 | PENDING | US | UTL | Method and System for Dynamic Score Floor Modeling and Application thereof | 5/9/2017 | 5/9/2017 | | |
| | | 62/490,689 | CONV PRV | US | PRV | Method And System For Providing Subscribe And Unsubscribe Recommendations | 4/27/2017 | 4/27/2017 | | |
| | | 15/590,405 | PENDING | US | UTL | Method and System for providing Subscribe and Unsubscribe Recommendation | 4/27/2017 | 5/9/2017 | | |
| | | 15/493,880 | PENDING | US | UTL | Method And System For Managing Resource Utilization Based On Reinforcement Learning | 4/21/2017 | 4/21/2017 | | |
| | US-2007-0239452-A1 | 11/394,819 | ABANDONED | US | UTL | Targeting of Buzz Advertising Information | 3/31/2006 | 3/31/2006 | 10/11/2007 | |
| | US-2008-0086372-A1 | 11/546,112 | ABANDONED | US | UTL | Contextual Banner Advertising | 10/11/2006 | 10/11/2006 | 4/10/2008 | |
| | US-2008-0163238-A1 | 11/648,028 | ABANDONED | US | UTL | Dynamic Load Balancing Architecture | 12/31/2006 | 12/31/2006 | | |

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REEL: 058534 FRAME: 0433

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2007-0239517-A1 | 11/394,353 | ABANDONED | US | UTL | Generating a Degree of Interest in User Profile Scores in a Behavioral Targeting System | 3/29/2006 | 3/29/2006 | 10/11/2007 | |
| | 2011-0161331 | 13/010,605 | ABANDONED | US | UTL | Incremental Update of Long-Term and Short-Term User Profile Scores in a Behavioral Targeting System | 3/29/2006 | 1/20/2011 | 6/30/2011 | |
| | US-2008-0147456-A1 | 11/642,098 | ABANDONED | US | UTL | Methods of Detecting and Avoiding Fraudulent Internet-Based Advertisement Viewings | 12/19/2006 | 12/19/2006 | 6/19/2008 | |
| | US 2007/0260512 A1 | 11/418,482 | ABANDONED | US | UTL | Methods and Apparatus for Measuring the Effect of Online Advertising on Online User Behavior | 5/4/2006 | 5/4/2006 | 11/8/2007 | |
| | US 2007/0260519 A1 | 11/601,273 | ABANDONED | US | UTL | Methods and Apparatus for Measuring the Effect of Online Advertising on Online User Behavior | 5/4/2006 | 11/17/2006 | 11/8/2007 | |
| | 20080201219 | 11/708,273 | ABANDONED | US | UTL | Query Classification and Selection of Associated Advertising Information | 2/20/2007 | 2/20/2007 | 8/21/2008 | |
| | US-2008-0177761-A1 | 11/655,675 | ABANDONED | US | UTL | Dynamically Optimized Storage System for Online User Activities | 1/19/2007 | 1/19/2007 | 7/24/2008 | |
| | US-2008-0147500-A1 | 11/640,160 | ABANDONED | US | UTL | Serving Advertisements Using Entertainment Ratings in a Collaborative-Filtering System | 12/15/2006 | 12/15/2006 | 6/19/2008 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 20080228571 | 11/725,020 | ABANDONED | US | UTL | Automated Recommendation of Targeting Criteria | 3/16/2007 | 3/16/2007 | 9/18/2008 | |
| | US-2008-0306931-A1 | 11/759,114 | ABANDONED | US | UTL | Event Weighting Method and System | 6/6/2007 | 6/6/2007 | 12/11/2008 | |
| | US-2009-0024623-A1 | 11/781,176 | ABANDONED | US | UTL | System and Method to Facilitate Mapping and Storage of Data within One or More Data Taxonomies | 7/20/2007 | 7/20/2007 | 1/22/2009 | |
| | US-2009-0077093-A1 | 11/857,787 | ABANDONED | US | UTL | Feature Discretization and Cardinality Reduction Using Collaborative Filtering Techniques | 9/19/2007 | 9/19/2007 | 3/19/2009 | |
| | US-2009-0077081-A1 | 11/857,847 | ABANDONED | US | UTL | Attribute-Based Item Similarity Using Collaborative Filtering Techniques | 9/19/2007 | 9/19/2007 | 3/19/2009 | |
| | US-2009-0248655-A1 | 12/055,773 | ABANDONED | US | UTL | Method and Apparatus for Providing Sponsered Search Ads for an Esoteric Web Search Query | 3/26/2008 | 3/26/2008 | 10/1/2009 | |
| | US-2009-0070177-A1 | 11/852,898 | ABANDONED | US | UTL | System and Method for Optimally Allocating Overlapping Inventory | 9/10/2007 | 9/10/2007 | 3/12/2009 | |
| | US-2009-0037239-A1 | 11/833,136 | ABANDONED | US | UTL | Method For Improving Internet Advertising Click-Through Rates through Time-Dependent Keywords | 8/2/2007 | 8/2/2007 | 2/5/2009 | |
| | US-2009-0024718-A1 | 11/781,184 | ABANDONED | US | UTL | Just-in-Time Contextual Advertising Techniques | 7/20/2007 | 7/20/2007 | 1/22/2009 | |

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REEL: 058534 FRAME: 0435

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0055734-A1 | 11/842,595 | ABANDONED | US | UTL | Method to Display Suggested Keywords in Content Match Ads, then to present more relevant ads | 8/21/2007 | 8/21/2007 | 2/26/2009 | |
| | US-2009-0048920-A1 | 11/839,924 | ABANDONED | US | UTL | Method for Improving Internet Advertising by Intermittently Mixing Advertising with Targeted Content | 8/16/2007 | 8/16/2007 | 2/19/2009 | |
| | US-2009-0228438-A1 | 12/044,339 | ABANDONED | US | UTL | Identifying whether two websites are co-owned | 3/7/2008 | 3/7/2008 | 9/10/2009 | |
| | US-2009-0240580-A1 | 12/054,308 | ABANDONED | US | UTL | Method and Apparatus for Automatically Targeting and Modifying Internet Advertisements | 3/24/2008 | 3/24/2008 | 9/24/2009 | |
| | US-2009-0164444-A1 | 11/960,168 | ABANDONED | US | UTL | Method of Web Ad Monetization Beyond Search Engine | 12/19/2007 | 12/19/2007 | 7/25/2009 | |
| | US-2009-0164888-A1 | 11/960,483 | ABANDONED | US | UTL | Automated Content-Based Adjustment of Formatting and Application Behavior | 12/19/2007 | 12/19/2007 | 6/25/2009 | |
| | US-2009-0216607-A1 | 12/035,319 | ABANDONED | US | UTL | Method and Apparatus For Behavioral and Contextual Ad Targeting Based on User Calendar Data | 2/21/2008 | 2/21/2008 | 8/27/2009 | |
| | US-2009-0198613-A1 | 12/023,881 | ABANDONED | US | UTL | Group Decision Making Mechanism | 1/31/2008 | 1/31/2008 | 8/6/2009 | |
| | US-2009-0240577-A1 | 12/050,756 | ABANDONED | US | UTL | Method and Apparatus for Sharing Data Using an Exchange Procedure in a Network | 3/18/2008 | 3/18/2008 | 9/24/2009 | |

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REEL: 058534 FRAME: 0436

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0271339-A1 | 12/111,500 | ABANDONED | US | UTL | Hierarchical Recognition Through Semantic Embedding | 4/29/2008 | 4/29/2008 | 10/29/2009 | |
| | US-2009-0222293-A1 | 12/039,537 | ABANDONED | US | UTL | Method and System of Using Commodity Databases in Internet Search Advertising | 2/28/2008 | 2/28/2008 | 9/3/2009 | |
| | US-2009-0307651-A1 | 12/133,965 | ABANDONED | US | UTL | Computing Platform for Structured Data Processing | 6/5/2008 | 6/5/2008 | 12/10/2009 | |
| | US-2009-0287515-A1 | 12/121,163 | ABANDONED | US | UTL | Monetization of Offline-Interface Events Operating on Ads Distributed Through Advertising Networks | 5/15/2008 | 5/15/2008 | 11/19/2009 | |
| | US-2010-0042497-A1 | 12/191,498 | ABANDONED | US | UTL | Audience Manager and Data Exchange | 8/14/2008 | 8/14/2008 | 2/18/2010 | |
| | US-2009-0327520-A1 | 12/146,954 | ABANDONED | US | UTL | Method and Apparatus for Mapping Unknown Information in Real or Virtual Worlds | 6/26/2008 | 6/26/2008 | 12/31/2009 | |
| | US-2009-0313082-A1 | 12/137,888 | ABANDONED | US | UTL | Method and Apparatus for Collecting Information About Targeted Behavior on the Internet | 6/12/2008 | 6/12/2008 | 12/17/2009 | |
| | US-2009-0327081-A1 | 12/163,114 | ABANDONED | US | UTL | System and Method for Correlating Online Advertisements | 6/27/2008 | 6/27/2008 | 12/31/2009 | |
| | US-2010-0042464-A1 | 12/190,135 | ABANDONED | US | UTL | Method and Apparatus for Guaranteed Delivery of Ads on an Exchange | 8/12/2008 | 8/12/2008 | 2/18/2010 | |
| | US-2010-0115392-A1 | 12/263,220 | ABANDONED | US | UTL | Method and System for Building Data Objects for Online Display Advertisings | 10/31/2008 | 10/31/2008 | 5/6/2010 | |

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REEL: 058534 FRAME: 0437

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2010-0191780-A1 | 12/361,937 | ABANDONED | US | UTL | Uploading A Hierarchical File Structure Using A Web Service | 1/29/2009 | 1/29/2009 | 7/29/2010 | |
| | US-2010-0083129-A1 | 12/240,765 | ABANDONED | US | UTL | User Interface for Internet Advertisements | 9/29/2008 | 9/29/2008 | 4/1/2010 | |
| | US-2010-0070288-A1 | 12/210,962 | ABANDONED | US | UTL | Methods and Systems for Efficiently Transforming Online Ad Creatives Using Dynamically Compiled Templates | 9/15/2008 | 9/15/2008 | 3/18/2010 | |
| | US-2010-0042930-A1 | 12/191,556 | ABANDONED | US | UTL | Audience Manager and End Users | 8/14/2008 | 8/14/2008 | 2/18/2010 | |
| | 2010-0042507 A1 | 12/191,595 | ABANDONED | US | UTL | System And Method For Managing User Data Segments In An Advertising Exchange | 8/14/2008 | 8/14/2008 | 2/18/2010 | |
| | US-2010-0042500-A1 | 12/191,642 | ABANDONED | US | UTL | Audience Manager and Sellers | 8/14/2008 | 8/14/2008 | 2/18/2010 | |
| | US-2010-0042465-A1 | 12/191,685 | ABANDONED | US | UTL | Audience Manager and Custom Segments | 8/14/2008 | 8/14/2008 | 2/18/2010 | |
| | US-2010-0042419-A1 | 12/191,740 | ABANDONED | US | UTL | Audience Manager and Data Providers | 8/14/2008 | 8/14/2008 | 2/18/2010 | |
| | US-2010-0042466-A1 | 12/191,846 | ABANDONED | US | UTL | Audience Manager and Resellers | 8/14/2008 | 8/14/2008 | 2/18/2010 | |
| | US-2010-0106604-A1 | 12/258,283 | ABANDONED | US | UTL | Multi-stage Bidding System for Guaranteed Advertising Contracts in a Network of Networks | 10/24/2008 | 10/24/2008 | 4/29/2010 | |
| | | 12/398,841 | ABANDONED | US | UTL | Architecture for an Online Advertising Bidding system | 3/5/2009 | 3/5/2009 | | |

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REEL: 058534 FRAME: 0438

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2010-0228635 | 12/398,930 | ABANDONED | US | UTL | Unified Marketplace for an Online Advertisement Bidding System | 3/5/2009 | 3/5/2009 | 9/9/2010 | |
| | 2010-0228634 | 12/398,833 | ABANDONED | US | UTL | Caching Bids in an Online Advertisement Bidding System | 3/5/2009 | 3/5/2009 | 9/9/2010 | |
| | 2010-0332301 | 12/493,739 | ABANDONED | US | UTL | Compensating in Cost-Per-Action Advertising | 6/29/2009 | 6/29/2009 | 12/30/2010 | |
| | 2010-0228642 | 12/398,914 | ABANDONED | US | UTL | Traffic Management in an Online Advertisement Bidding System | 3/5/2009 | 3/5/2009 | 9/9/2010 | |
| | 2010-0332316 | 12/495,047 | ABANDONED | US | UTL | System and Method for Transacting with an Advertising Agency Participating on an Advertising Exchange | 6/30/2009 | 6/30/2009 | 12/30/2010 | |
| | 2010-0262607 | 12/421,974 | ABANDONED | US | UTL | System and Method for Automatic Matching of Contracts to Impression Opportunities Using Complex Predicates and an Inverted Index | 4/10/2009 | 4/10/2009 | 10/14/2010 | |
| | 2011-0016109 | 12/502,742 | ABANDONED | US | UTL | System and Method for Automatic Matching of Highest Scoring Contracts to Impression Opportunities Using Complex Predicates and an Inverted Index | 7/14/2009 | 7/14/2009 | 1/20/2011 | |
| | 2010-0228597 | 12/398,908 | ABANDONED | US | UTL | Transferring Targeting and Marketing Information from an Online Advertisement System | 3/5/2009 | 3/5/2009 | 9/9/2010 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2010-0262648 | 12/423,491 | ABANDONED | US | UTL | Processing an Event Stream for a Data Pipeline | 4/14/2009 | 4/14/2009 | 10/14/2010 | |
| | 2011-0015990 | 12/504,095 | ABANDONED | US | UTL | Advertising Based on a Dynamic Ad Taxonomy | 7/16/2009 | 7/16/2009 | 1/20/2010 | |
| | 20100250362 | 12/415,846 | ABANDONED | US | UTL | System and Method for an Online Advertising Exchange with Submarkets Formed by Portfolio Optimization | 3/30/2009 | 3/30/2009 | 9/30/2010 | |
| | | 12/684,831 | ABANDONED | US | UTL | Using search keyword auto correlation to come up with a dynamic monetization scheme | 1/8/2010 | 1/8/2010 | | |
| | 2011-0055010 | 12/552,252 | ABANDONED | US | UTL | Enabling High Performance Ad Selection | 9/1/2009 | 9/1/2009 | 3/3/2011 | |
| | 20110213660 | 12/714,051 | ABANDONED | US | UTL | System and Method for Automatic Matching of Contracts in an Inverted Index to Impression Opportunities Using Complex Predicates with Multi-Valued Attributes | 2/26/2010 | 2/26/2010 | 9/1/2011 | |
| | 2011-0208591 | 12/711,668 | ABANDONED | US | UTL | Forecasting Online Advertising Inventory of Day Parting Queries | 2/24/2010 | 2/24/2010 | 8/25/2011 | |
| | 2011-0238486 | 12/749,372 | ABANDONED | US | UTL | Optimizing Sponsored Search Ad Placement for Online Advertising | 3/29/2010 | 3/29/2010 | 9/29/2011 | |
| | US20070185884 | 11/350,401 | ABANDONED | US | UTL | AGGREGATING AND PRESENTING INFORMATION ON THE WEB | 2/7/2006 | 2/7/2006 | 8/9/2007 | |

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REEL: 058534 FRAME: 0440

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2007-0233850-A1 | 11/394,034 | ABANDONED | US | UTL | User Status Control or a Messaging Interface | 3/29/2006 | 3/29/2006 | 10/4/2007 | |
| | 20070244739 | 11/404,493 | ABANDONED | US | UTL | Techniques For Measuring User Engagement | 4/13/2006 | 4/13/2006 | 10/18/2007 | |
| | 20070282676 | 11/421,191 | ABANDONED | US | UTL | Automated Responder Targeting | 5/31/2006 | 5/31/2006 | 12/6/2007 | |
| | 20070271370 | 11/419,107 | ABANDONED | US | UTL | CONTROLLED STUDY OF SPONSORED SEARCH | 5/18/2006 | 5/18/2006 | 11/22/2007 | |
| | US 2008-0040195 A1 | 11/464,146 | ABANDONED | US | UTL | QUANTITATIVE ANALYSIS OF WEB PAGE CLUTTER THAT ACCOUNTS FOR SUBJECTIVE PREFERENCES | 8/11/2006 | 8/11/2006 | 2/14/2008 | |
| | 2008-0120307 A1 | 11/561,779 | ABANDONED | US | UTL | GUIDED CLUSTER ATTRIBUTE SELECTION | 11/20/2006 | 11/20/2006 | 5/22/2008 | |
| | 20070276826 | 11/420,554 | ABANDONED | US | UTL | Aggregation Of Affinity Lists | 5/26/2006 | 5/26/2006 | 11/29/2007 | |
| | 2008-0005096 | 11/427,741 | ABANDONED | US | UTL | MONETIZATION OF CHARACTERISTIC VALUES PREDICTED USING NETWORK-BASED SOCIAL TIES | 6/29/2006 | 6/29/2006 | 1/3/2008 | |
| | 2008-0004937 | 11/424,334 | ABANDONED | US | UTL | User Activity Rating | 6/15/2006 | 6/15/2006 | 1/3/2008 | |
| | 20080195635 | 11/673,864 | ABANDONED | US | UTL | PATH INDEXING FOR NETWORK DATA | 2/12/2007 | 2/12/2007 | 8/14/2008 | |
| | 20080140641 | 11/567,937 | ABANDONED | US | UTL | KNOWLEDGE AND INTERESTS BASED SEARCH TERM RANKING FOR SEARCH RESULTS VALIDATION | 12/7/2006 | 12/7/2006 | 6/12/2008 | |
| | 2011-0015991 A1 | 12/888,256 | ABANDONED | US | UTL | Keyword set and target audience profile generalization techniques | 5/31/2006 | 9/22/2010 | 1/20/2011 | |

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REEL: 058534 FRAME: 0441

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|---|---|---|---|---|---|---|---|---|---|---|
| | 20080133314 | 11/566,566 | ABANDONED | US | UTL | DETERMINING ADVERTISEMENT PLACEMENT ON SEARCH RESULTS PAGE TO IMPROVE REVENUE GENERATION | 12/4/2006 | 12/4/2006 | 6/5/2008 | |
| | US-2008-0082613-A1 | 11/536,469 | ABANDONED | US | UTL | COMMUNICATING ONLINE PRESENCE AND MOOD | 9/28/2006 | 9/28/2006 | 4/3/2008 | |
| 7,822,822 | 20080098079 | 11/550,722 | ISSUED | US | UTL | INSTANT MESSAGING SYSTEM CONFIGURED TO FACILITATE EVENT PLAN MANAGEMENT | 10/18/2006 | 10/18/2006 | 4/24/2008 | 10/26/2010 |
| | 20080104066 | 11/553,585 | ABANDONED | US | UTL | Validating Segmentation Criteria | 10/27/2006 | 10/27/2006 | 5/1/2008 | |
| | 2008133474 | 11/564,983 | ABANDONED | US | UTL | BIOINFORMATICS COMPUTATION USING A MAPREDUCE-CONFIGURED COMPUTING SYSTEM | 11/30/2006 | 11/30/2006 | 6/5/2008 | |
| 7,668,813 | 2008-0040321 A1 | 11/463,978 | ISSUED | US | UTL | Techniques For Searching Future Events | 8/11/2006 | 8/11/2006 | 2/14/2008 | 2/23/2010 |
| 7,617,208 | US-2008-0065631-A1 | 11/531,245 | ISSUED | US | UTL | USER QUERY DATA MINING AND RELATED TECHNIQUES | 9/12/2006 | 9/12/2006 | 3/13/2008 | 11/10/2009 |
| | 2008-0091521 A1 | 11/550,307 | ABANDONED | US | UTL | SUPPLEMENTAL DISPLAY MATCHING USING SYNDICATION INFORMATION | 10/17/2006 | 10/17/2006 | 4/17/2008 | |
| | 20090049379 | 11/838,802 | ABANDONED | US | UTL | User Interface To Browse Syndication Data Mixing Module Configurations | 8/14/2007 | 8/14/2007 | 2/19/2009 | |
| | 2008-0133498-A1 | 11/567,145 | ABANDONED | US | UTL | SEARCH CATEGORY COMMERCIALIZATION INDEX | 12/5/2006 | 12/5/2006 | 6/5/2008 | |

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REEL: 058534 FRAME: 0442

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|---|---|---|---|---|---|---|---|---|---|---|
| 8,055,271 | 20080189028 | 11/671,355 | ISSUED | US | UTL | INTELLIGENT LOCATION-TO-CELL MAPPING USING ANNOTATED MEDIA | 2/5/2007 | 2/5/2007 | 8/7/2008 | 11/8/2011 |
| 7,739,304 | 20080195657 | 11/672,901 | ISSUED | US | UTL | Context-Based Community-Driven Suggestions for Media Annotation | 2/8/2007 | 2/8/2007 | 8/14/2008 | 6/15/2010 |
| | 20080301119 | 11/757,948 | ABANDONED | US | UTL | System for Scaling and Efficient Handling of Large Data for Loading, Query, and Archival | 6/4/2007 | 6/4/2007 | 12/4/2008 | |
| | 20080195729 | 11/673,857 | ABANDONED | US | UTL | PATH IDENTIFICATION FOR NETWORK DATA | 2/12/2007 | 2/12/2007 | 8/14/2008 | |
| | US-2008-0183814-A1 | 11/668,106 | ABANDONED | US | UTL | REPRESENTING ONLINE PRESENCE FOR GROUPS | 1/29/2007 | 1/29/2007 | 7/31/2008 | |
| | 2008-0249854 A1 | 11/697,452 | EXPIRED | US | UTL | MONETIZING LOW VALUE CLICKERS | 4/6/2007 | 4/6/2007 | 10/9/2008 | |
| | US-2010-0070368-A1 | 12/233,412 | ABANDONED | US | UTL | Registering Advertisements on an Electronic Map | 9/11/2008 | 9/18/2008 | 3/18/2010 | |
| | 20080222634 | 11/682,815 | ABANDONED | US | UTL | PARALLEL PROCESSING FOR ETL PROCESSES | 3/6/2007 | 3/6/2007 | 9/11/2008 | |
| | 20080195430 | 11/673,690 | ABANDONED | US | UTL | DATA QUALITY MEASUREMENT FOR ETL PROCESSES | 2/12/2007 | 2/12/2007 | 8/14/2008 | |
| | 20080288865 | 11/749,683 | ABANDONED | US | UTL | APPLICATION WITH IN-CONTEXT VIDEO ASSISTANCE | 5/16/2007 | 5/16/2007 | 11/20/2008 | |
| | 20080288452 | 11/748,845 | ABANDONED | US | UTL | SERVICE USING REFERRER STRINGS TO IMPROVE ADVERTISEMENT TARGETING | 5/15/2007 | 5/15/2007 | 11/20/2008 | |
| | 20080270315 | 11/742,432 | ABANDONED | US | UTL | MICROCURRENCY EXCHANGE SYSTEM | 4/30/2007 | 4/30/2007 | 10/30/2008 | |

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REEL: 058534 FRAME: 0443

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|---|---|---|---|---|---|---|---|---|---|---|
| 7,792,738 | US-2008/0262952 A1 | 11/737,933 | ISSUED | US | UTL | Displaying Financial Information Based on Location | 4/20/2007 | 4/20/2007 | 10/23/2008 | 9/7/2010 |
| | 20080256079 | 11/734,067 | ABANDONED | US | UTL | LOAD-BASED TECHNIQUE TO BALANCE DATA SOURCES TO DATA CONSUMERS | 4/11/2007 | 4/11/2007 | 10/16/2008 | |
| 7,818,534 | 2008-0282020 A1 | 11/746,541 | ISSUED | US | UTL | DETERMINATION OF SAMPLING CHARACTERISTICS BASED ON AVAILABLE MEMORY | 5/9/2007 | 5/9/2007 | 11/13/2008 | 10/19/2010 |
| | 2009-0119610 | 11/934,594 | ABANDONED | US | UTL | Agent To Offer In-Context Help | 11/2/2007 | 11/2/2007 | 5/7/2009 | |
| | 20080288527 | 11/804,233 | ABANDONED | US | UTL | USER INTERFACE FOR GRAPHICALLY REPRESENTING GROUPS | 5/16/2007 | 5/16/2007 | 11/20/2008 | |
| | US-2009-0055857-A1 | 11/842,843 | ABANDONED | US | UTL | Video Channel Curation | 8/21/2007 | 8/21/2007 | 2/26/2009 | |
| | 2009-0024621 A1 | 11/778,597 | ABANDONED | US | UTL | Method to set up online book collections and facilitate social interactions on books | 7/16/2007 | 7/16/2007 | 1/22/2009 | |
| | 20090018770 | 11/777,084 | ABANDONED | US | UTL | Mobile Notification System | 7/12/2007 | 7/12/2007 | 1/15/2009 | |
| | 20090073960 | 11/856,912 | ABANDONED | US | UTL | Bridging Phone Networks Using Voip To Preserve In-Network Calling Advantages | 9/18/2007 | 9/18/2007 | 3/19/2009 | |
| | 20090024489 | 11/778,600 | ABANDONED | US | UTL | Reputation Based Display | 7/16/2007 | 7/16/2007 | 1/22/2009 | |
| | 2009-0055384 A1 | 11/844,253 | ABANDONED | US | UTL | Shared Influence Search | 8/23/2007 | 8/23/2007 | 2/26/2009 | |
| | 2009-0106081 | 11/876,550 | ABANDONED | US | UTL | Improving Internet Advertising Using Product Conversion Data | 10/22/2007 | 10/22/2007 | 4/23/2009 | |

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REEL: 058534 FRAME: 0444

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2009-0070700-A1 | 11/851,629 | ABANDONED | US | UTL | Ranking Content Based on Social Network Connection Strengths | 9/7/2007 | 9/7/2007 | 3/12/2009 | |
| | US-2009-0099854-A1 | 11/870,345 | ABANDONED | US | UTL | SELF-MONITORING SYSTEM OF RECIPROCAL BENEFIT | 10/10/2007 | 10/10/2007 | 4/16/2009 | |
| 7,992,197 | US-2009-0113527-A1 | 11/926,490 | ISSUED | US | UTL | Mobile Authentication Framework | 10/29/2007 | 10/29/2007 | 4/30/2009 | 8/2/2011 |
| 8,407,465 | 2011-0265173 | 13/176,588 | ISSUED | US | UTL | Mobile Authentication Framework | 10/29/2007 | 7/5/2011 | 10/27/2011 | 3/26/2013 |
| | US-2009-0113022-A1 | 11/923,367 | ABANDONED | US | UTL | Facilitating Music Collaborations Among Remote Musicians | 10/24/2007 | 10/24/2007 | 4/30/2009 | |
| | 2013-0044132-A1 | 13/593,282 | ABANDONED | US | UTL | User Augmented Reality for Camera-Enabled Mobile Devices | 10/18/2007 | 8/23/2012 | 2/21/2013 | |
| | 20090100145 | 11/873,012 | ABANDONED | US | UTL | Method For Internet-Based Applications To Enable Internet Service Providers To Specify Location Context | 10/16/2007 | 10/16/2007 | 4/16/2009 | |
| | 20090061406 | 11/845,989 | ABANDONED | US | UTL | Constructing A Profile Using Self-Descriptive Images For Use In A Social Environment | 8/28/2007 | 8/28/2007 | 3/5/2009 | |
| | 2009-0077056 | 11/856,327 | ABANDONED | US | UTL | CUSTOMIZATION OF SEARCH RESULTS | 9/17/2007 | 9/17/2007 | 3/19/2009 | |
| | 2009-0100051-A1 | 11/870,008 | ABANDONED | US | UTL | Differentiated Treatment of Sponsored Search Results Based on Search Context | 10/10/2007 | 10/10/2007 | 4/16/2009 | |
| | 2009-0113294 | 11/929,716 | ABANDONED | US | UTL | Progressive Captcha | 10/30/2007 | 10/30/2007 | 4/30/2009 | |
| | 20090193395 | 12/019,358 | ABANDONED | US | UTL | Software Testing and Development Methodology Using Maturity Levels | 1/24/2008 | 1/24/2008 | 7/30/2009 | |

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REEL: 058534 FRAME: 0445

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2009-0172752 | 11/966,748 | ABANDONED | US | UTL | Streaming Multiple Videos In A Playlist | 12/28/2007 | 12/28/2007 | 7/2/2009 | |
| | 2009-0164449-A1 | 11/961,890 | ABANDONED | US | UTL | Search Techniques for Chat Content | 12/20/2007 | 12/20/2007 | 6/25/2009 | |
| | US-2009-0204602-A1 | 12/030,765 | ABANDONED | US | UTL | Apparatus And Methods For Presenting Linking Abstracts For Search Results | 2/13/2008 | 2/13/2008 | 8/13/2009 | |
| | 20090171986 | 11/965,320 | ABANDONED | US | UTL | Techniques For Constructing Sitemap Or Hierarchical Organization Of Webpages Of A Website Using Decision Trees | 12/27/2007 | 12/27/2007 | 7/2/2009 | |
| | 20090157609 | 11/955,231 | ABANDONED | US | UTL | ANALYZING IMAGES TO DERIVE SUPPLEMENTAL WEB PAGE LAYOUT CHARACTERISTICS | 12/12/2007 | 12/12/2007 | 6/18/2009 | |
| | 20090164296 | 11/961,770 | ABANDONED | US | UTL | Scheduling Transient Online Advertisements | 12/20/2007 | 12/20/2007 | 6/25/2009 | |
| | 2009-0182759 | 12/013,289 | EXPIRED | US | UTL | EXTRACTING ENTITIES FROM A WEB PAGE | 1/11/2008 | 1/11/2008 | 7/16/2009 | |
| | 2009-0292998 | 12/124,959 | ABANDONED | US | UTL | Aggregating and sharing keys of web pages over page viewers | 5/21/2008 | 5/21/2008 | 11/26/2009 | |
| | 2009-0292674 | 12/125,445 | ABANDONED | US | UTL | Parameterized search context interface | 5/22/2008 | 5/22/2008 | 11/26/2009 | |
| | US-2009-0287645-A1 | 12/120,993 | ABANDONED | US | UTL | Search Results with Most Clicked Next Objects | 5/15/2008 | 5/15/2008 | 11/19/2009 | |
| | US-2009-0287676-A1 | 12/122,139 | ABANDONED | US | UTL | Search results with word or phrase index | 5/16/2008 | 5/16/2008 | 11/19/2009 | |

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REEL: 058534 FRAME: 0446

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2009-0210890 A1 | 12/032,381 | ABANDONED | US | UTL | Real-Time Data Collection Via Hierarchical Web Page Parsing | 2/15/2008 | 2/15/2008 | 8/20/2009 | |
| | US 2009-0274376 A1 | 12/115,486 | ABANDONED | US | UTL | Method for Efficiently Building Compact Models for Large Multi-Class Text Classification | 5/5/2008 | 5/5/2008 | 11/5/2009 | |
| 8,358,837 | 2009/0274364 | 12/113,835 | ISSUED | US | UTL | Apparatus and Methods for Detecting Adult Videos | 5/1/2008 | 5/1/2008 | 11/5/2009 | 1/22/2013 |
| | 2009-0216739 | 12/036,079 | ABANDONED | US | UTL | Boosting extraction accuracy by handling training data bias | 2/22/2008 | 2/22/2008 | 8/27/2009 | |
| | US 2009-0265328 A1 | 12/104,111 | ABANDONED | US | UTL | Predicting News-Worthy Queries Using Combined Online and Offline Models | 4/16/2008 | 4/16/2008 | 10/22/2009 | |
| | 2010-0004918 | 12/174,202 | ABANDONED | US | UTL | Language Translator Having an Automatic Input/Output Interface and Method of Using Same | 7/4/2008 | 7/16/2008 | 1/7/2010 | |
| | US-2009-0292689-A1 | 12/128,125 | ABANDONED | US | UTL | System and method of providing electronic dictionary services | 5/20/2008 | 5/28/2008 | 11/26/2009 | |
| | | 61/019,215 | CONV PRV | US | PRV | IDENTIFYING AND EMPLOYING LATENT SOCIAL NETWORK RELATIONSHIPS | 1/4/2008 | 1/4/2008 | | |
| 8,954,500 | 2009-0177744 | 12/069,731 | ISSUED | US | UTL | Identifying And Employing Social Network Relationships | 1/4/2008 | 2/11/2008 | 7/9/2009 | 2/10/2015 |
| | 2010-0036652 | 12/189,561 | ABANDONED | US | UTL | System and Method for Providing Health Enhancement Services | 8/11/2008 | 8/11/2008 | 2/11/2010 | |
| | US-2009-0289955-A1 | 12/125,877 | EXPIRED | US | UTL | Reality Overlay Device | 5/22/2008 | 5/22/2008 | 11/26/2009 | |

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REEL: 058534 FRAME: 0447

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2009-0271303 A1 | 12/111,806 | ABANDONED | US | UTL | Electronic Bill Process Automation | 4/29/2008 | 4/29/2008 | 10/29/2009 | |
| | 2009-0271690 A1 | 12/110,499 | ABANDONED | US | UTL | Handling Cross-Domain Web Service Calls | 4/28/2008 | 4/28/2008 | 10/29/2009 | |
| | 2010-0017704 A1 | 12/175,771 | ABANDONED | US | UTL | Dynamic Content Layout | 7/18/2008 | 7/18/2008 | 1/21/2010 | |
| | | 61/068,086 | CONV PRV | US | PRV | ONEPLACE CONTENT AGGREGATION, SYNDICATION, SHARING, AND UPDATING | 3/3/2008 | 3/3/2008 | | |
| | 2009-0222716 A1 | 12/182,715 | PUBLISHED | US | UTL | Mechanisms for Content Aggregation, Syndication, Sharing, and Updating | 3/3/2008 | 7/30/2008 | 9/3/2009 | |
| 8,032,510 | US-2009-0222488-A1 | 12/182,756 | ISSUED | US | UTL | Social Aspects of Content Aggregation, Syndication, Sharing, and Updating | 3/3/2008 | 7/30/2008 | 9/3/2009 | 10/4/2011 |
| | US 2009-0265611 A1 | 12/116,825 | ABANDONED | US | UTL | Web page Layout Optimization Using Section Importance | 5/7/2008 | 5/7/2008 | 10/22/2009 | |
| | US-2010-0023375-A1 | 12/180,424 | ABANDONED | US | UTL | Fair Allocation of Overlapping Inventory | 7/25/2008 | 7/25/2008 | 1/28/2010 | |
| | | 61/041,525 | CONV PRV | US | PRV | Techniques For Input Recognition And Completion | 4/1/2008 | 4/1/2008 | | |
| | 2009-0249198 A1 | 12/183,918 | ABANDONED | US | UTL | Techniques for Input Recognition and Completion | 4/1/2008 | 7/31/2008 | 10/1/2009 | |
| | 2010-0049715 | 12/195,329 | ABANDONED | US | UTL | Controlled Parallel Propagation of View Table Updates in Distributed Database System | 8/20/2008 | 8/20/2008 | 2/25/2010 | |
| | US 2010/0146334 A1 | 12/331,737 | ABANDONED | US | UTL | Fault Tolerant Update Propagation To Views | 12/10/2008 | 12/10/2008 | 6/10/2010 | |

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REEL: 058534 FRAME: 0448

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|---|---|---|---|---|---|---|---|---|---|---|
| | US 2010/0146008 A1 | 12/331,842 | ABANDONED | US | UTL | Light-Weight Concurrency Control In Parallelized View Maintenance | 12/10/2008 | 12/10/2008 | 6/10/2010 | |
| | 2009-0287474 | 12/122,430 | ABANDONED | US | UTL | Web Embedded Language Input Arrangement | 5/16/2008 | 5/16/2008 | 11/19/2009 | |
| | 2010-0169158 | 12/346,641 | ABANDONED | US | UTL | Squashed Matrix Factorization for Modeling Incomplete Dyadic Data | 12/30/2008 | 12/30/2008 | 7/1/2010 | |
| | 2010-0153854-A1 | 12/704,271 | ABANDONED | US | UTL | Presence Indication Configuration Methodology | 9/12/2008 | 2/11/2010 | 6/17/2010 | |
| | US-2010-0057712-A1 | 12/202,743 | ABANDONED | US | UTL | Integrated Community-Based, Contribution Polling Arrangement | 9/2/2008 | 9/2/2008 | 3/4/2010 | |
| | US-2010-0082694-A1 | 12/242,099 | ABANDONED | US | UTL | Query Log Mining for Detecting Spam-Attracting Queries | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | US-2010-0114928-A1 | 12/265,936 | ABANDONED | US | UTL | Diverse Query Recommendations Using Weighted Set Cover Methodology | 11/6/2008 | 11/6/2008 | 5/6/2010 | |
| | US-2010-0114929-A1 | 12/265,949 | ABANDONED | US | UTL | Diverse Query Recommendations Using Clustering-Based Methodology | 11/6/2008 | 11/6/2008 | 5/6/2010 | |
| 8,108,374 | US-2010-0070498-A1 | 12/211,307 | ISSUED | US | UTL | Optimization framework for tuning ranking engine | 9/16/2008 | 9/16/2008 | 3/18/2010 | 1/31/2012 |
| | US-2010-0077152-A1 | 12/237,322 | ABANDONED | US | UTL | Primary-Secondary Caching Scheme To Ensure Robust Processing Transition During Migration And/Or Failover | 9/24/2008 | 9/24/2008 | 3/25/2010 | |

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REEL: 058534 FRAME: 0449

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|---|---|---|---|---|---|---|---|---|---|---|
| | US-2010-0076815-A1 | 12/237,323 | ABANDONED | US | UTL | Storage Optimization For Updated User Behavioral Profile Scores | 9/24/2008 | 9/24/2008 | 3/25/2010 | |
| | US-2010-0110893-A1 | 12/268,149 | ABANDONED | US | UTL | System and Method for Providing User Feedback in Association with Content in a Network | 11/3/2008 | 11/10/2008 | 5/6/2010 | |
| | US-2010-0082527-A1 | 12/237,327 | ABANDONED | US | UTL | Dated Metadata To Support Multiple Versions Of User Profiles For Targeting Of Personalized Content | 9/24/2008 | 9/24/2008 | 4/1/2010 | |
| | US-2010-0121840-A1 | 12/269,732 | ABANDONED | US | UTL | Query Difficulty Estimation | 11/12/2008 | 11/12/2008 | 5/13/2010 | |
| | US 2010/0131496 A1 | 12/324,154 | ABANDONED | US | UTL | Predictive Indexing for Fast Search | 11/26/2008 | 11/26/2008 | 5/27/2010 | |
| | US-2010-0082330-A1 | 12/240,468 | ABANDONED | US | UTL | Multi-lingual Maps | 9/29/2008 | 9/29/2008 | 4/1/2010 | |
| | 2010-0100471 A1 | 12/255,979 | ABANDONED | US | UTL | Adaptive bidding scheme for guaranteed delivery contracts | 10/22/2008 | 10/22/2008 | 4/22/2010 | |
| | 2010-0100422 A1 | 12/255,896 | EXPIRED | US | UTL | Apparatus and Methods for Pricing Guaranteed Delivery Contracts | 10/22/2008 | 10/22/2008 | 4/22/2010 | |
| | 2014-0058845 A1 | 13/969,223 | ABANDONED | US | UTL | Estimating on-line advertising inventory value based on contract eligibility information | 9/29/2008 | 8/16/2013 | 2/27/2014 | |
| | US-2010-0082402-A1 | 12/240,835 | ABANDONED | US | UTL | Estimating On-Line Advertising Inventory Value Based on Contract Delivery Information | 9/29/2008 | 9/29/2008 | 4/1/2010 | |

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REEL: 058534 FRAME: 0450

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|---|---|---|---|---|---|---|---|---|---|---|
| | US 2010-0070643 A1 | 12/208,942 | ABANDONED | US | UTL | Delivery of Synchronized Metadata Using Multiple Transactions | 9/11/2008 | 9/11/2008 | 3/18/2010 | |
| | US 2010/0082400 A1 | 12/240,675 | ABANDONED | US | UTL | Scoring Clicks for Click Fraud Prevention | 9/29/2008 | 9/29/2008 | 4/1/2010 | |
| | US-2010-0077209-A1 | 12/236,869 | ABANDONED | US | UTL | Generating Hard Instances Of Captchas | 9/24/2008 | 9/24/2008 | 3/25/2010 | |
| | US-2010-0077210-A1 | 12/236,920 | ABANDONED | US | UTL | Captcha Image Generation | 9/24/2008 | 9/24/2008 | 3/25/2010 | |
| | US-2010-0114858-A1 | 12/259,164 | ABANDONED | US | UTL | Host-Based Seed Selection Algorithm for Web Crawlers | 10/27/2008 | 10/27/2008 | 5/6/2010 | |
| | US 2010-0082749 A1 | 12/239,530 | ABANDONED | US | UTL | Retrospective Spam Filtering | 9/26/2008 | 9/26/2008 | 4/1/2010 | |
| | 2010-0235346 | 12/404,008 | ABANDONED | US | UTL | A Multi-Tiered System for Searching Large Collections in Parallel | 3/13/2009 | 3/13/2009 | 9/16/2010 | |
| | US-2010-0082655-A1 | 12/241,765 | ABANDONED | US | UTL | Parallel Execution of Range Query | 9/30/2008 | 9/30/2008 | 4/1/2010 | |
| | US-2010-0125571-A1 | 12/275,098 | ABANDONED | US | UTL | Apparatus and Methods for Creating Web Logs (Blogs) Containing Media Commentary | 11/20/2008 | 11/20/2008 | 5/20/2010 | |
| | 20100161145 | 12/338,117 | ABANDONED | US | UTL | Search Engine Design and Computational Cost Analysis | 12/18/2008 | 12/18/2008 | 6/24/2010 | |
| | 2010-0125575-A1 | 12/272,231 | ABANDONED | US | UTL | Searching Document Collections Using Semantic Roles of Keywords | 11/17/2008 | 11/17/2008 | 5/20/2010 | |
| | 2010-0241639 | 12/408,450 | ABANDONED | US | UTL | APPARATUS AND METHODS FOR CONCEPT-CENTRIC INFORMATION EXTRACTION | 3/20/2009 | 3/20/2009 | 9/23/2010 | |

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REEL: 058534 FRAME: 0451

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2010-0161527 | 12/342,750 | ABANDONED | US | UTL | Efficiently Building Compact Models For Large Taxonomy Text Classification | 12/23/2008 | 12/23/2008 | 6/24/2010 | |
| | 2010-0161534-A1 | 12/338,098 | ABANDONED | US | UTL | Predictive Gaussian Process Classification With Reduced Complexity | 12/18/2008 | 12/18/2008 | 6/24/2010 | |
| | 2010-0274770 | 12/429,442 | ABANDONED | US | UTL | A Transductive Approach to Category-specific Record Attribute Extraction | 4/24/2009 | 4/24/2009 | 10/28/2010 | |
| | 2010-0218112 | 12/394,726 | ABANDONED | US | UTL | TRACKING WEB PAGE CLICK INFORMATION | 2/20/2009 | 2/27/2009 | 8/26/2010 | |
| | US 2010/0205075 A1 | 12/369,160 | ABANDONED | US | UTL | Large-Scale Item Affinity Determination Using A Map Reduce Platform | 2/11/2009 | 2/11/2009 | 8/12/2010 | |
| | 2010-0257022 | 12/419,923 | ABANDONED | US | UTL | Finding Similar Campaigns for Internet Advertisement Targeting | 4/7/2009 | 4/7/2009 | 10/7/2010 | |
| | 2010-0257171 | 12/418,112 | ABANDONED | US | UTL | Techniques for Categorizing Search Queries | 4/3/2009 | 4/3/2009 | 10/7/2010 | |
| | 2010-0306276 A1 | 12/472,302 | PUBLISHED | US | UTL | Dynamic Group Labels | 5/26/2009 | 5/26/2009 | 12/2/2010 | |
| | 2010/0262662 | 12/422,101 | ABANDONED | US | UTL | Outbound Spam Detection and Prevention | 4/10/2009 | 4/10/2009 | 10/14/2010 | |
| | US 2010/0211566A1 | 12/489,935 | EXPIRED | US | UTL | Entity-Based Search Results and Clusters on Maps | 2/13/2009 | 6/23/2009 | 8/19/2010 | |
| | 2010-03326660 | 12/495,550 | ABANDONED | US | UTL | Adaptive Resource Allocation for Parallel Execution of a Range Query | 6/30/2009 | 6/30/2009 | 12/30/2010 | |
| | 2010-0306166 | 12/476,055 | ABANDONED | US | UTL | Automatic Fact Validation | 6/1/2009 | 6/1/2009 | 12/2/2010 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2011-0022598 | 12/509,278 | ABANDONED | US | UTL | Mixing Knowledge Sources For Improved Entity Extraction | 7/24/2009 | 7/24/2009 | 1/27/2011 | |
| | 2011-0055494 | 12/547,413 | ABANDONED | US | UTL | Method for Distributed Direct Object Access Storage | 8/25/2009 | 8/25/2009 | 3/3/2011 | |
| | 2011-0153603 A1 | 12/640,429 | ABANDONED | US | UTL | Time series storage for large-scale monitoring system | 12/17/2009 | 12/17/2009 | 6/23/2011 | |
| | US 2011-0119680 A1 | 12/618,984 | ABANDONED | US | UTL | Policy-driven schema and system for managing data system pipelines in multi-tenant model | 11/16/2009 | 11/16/2009 | 5/19/2011 | |
| | | 61/253,467 | CONV PRV | US | PRV | Automatic Comparative Analysis | 10/20/2009 | 10/20/2009 | | |
| | US 2011-0093452 A1 | 12/621,439 | ABANDONED | US | UTL | Automatic Comparative Analysis | 10/20/2009 | 11/18/2009 | 4/21/2011 | |
| 8,156,189 | 2011-0252098 A1 | 12/759,647 | ISSUED | US | UTL | CREATING RICH EXPERIENCES IN MAIL THROUGH ATTACHMENTS | 4/13/2010 | 4/13/2010 | 10/13/2011 | 4/10/2012 |
| 8,341,235 | 2012-0166569 A1 | 13/413,351 | ISSUED | US | UTL | CREATING RICH EXPERIENCES IN MAIL THROUGH ATTACHMENTS | 4/13/2010 | 3/6/2012 | 6/28/2012 | 12/25/2012 |
| | US 2011-0185024 A1 | 12/694,173 | ABANDONED | US | UTL | Embeddable Metadata in Electronic Mail Messages | 1/26/2010 | 1/26/2010 | 7/28/2011 | |
| | US 2012-0016642 A1 | 12/836,188 | PUBLISHED | US | UTL | Contextual-Bandit Approach to Personalized News Article Recommendation | 7/14/2010 | 7/14/2010 | 1/19/2012 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2015-0051973 A1 | 14/468,130 | PUBLISHED | US | UTL | Contextual-bandit approach to personalized news article recommendation | 7/14/2010 | 8/25/2014 | 2/19/2015 | |
| | | 61/255,807 | CONV PRV | US | PRV | Mechanism for Adding Content from a Search to a Document or Message | 10/28/2009 | 10/28/2009 | | |
| | 2011/0099464 | 12/829,159 | ABANDONED | US | UTL | Mechanism for Adding Content from a Search to a Document or Message | 10/28/2009 | 7/1/2010 | 4/28/2011 | |
| | 2012-0150957 | 12/965,369 | PUBLISHED | US | UTL | System for Ranking Memes | 12/10/2010 | 12/10/2010 | 6/14/2012 | |
| 8,832,105 | 2012-0303623A1 | 13/117,022 | ISSUED | US | UTL | System For Incrementally Clustering News Stories | 5/26/2011 | 5/26/2011 | 11/29/2012 | 9/9/2014 |
| | 2013-0159094 A1 | 13/326,033 | EXPIRED | US | UTL | Real Time Ad Targeting | 12/14/2011 | 12/14/2011 | 6/20/2013 | |
| | 2013-0191215 A1 | 13/355,347 | PUBLISHED | US | UTL | Location-Based Application Pop-Up | 1/20/2012 | 1/20/2012 | 7/25/2013 | |
| | 2013-0151602 A1 | 13/315,028 | PUBLISHED | US | UTL | Persona Engine | 12/8/2011 | 12/8/2011 | 6/13/2013 | |
| | 2013-0246448 A1 | 13/420,437 | PUBLISHED | US | UTL | Two-Dimension Indexed Carousels For In Situ Media Browsing On Mobile Devices | 3/14/2012 | 3/14/2012 | 9/19/2013 | |
| 9,497,251 | 2015-0019622 A1 | 13/941,294 | ISSUED | US | UTL | Serving Of Web Pages According To Web Site Launch Times | 7/12/2013 | 7/12/2013 | 1/15/2015 | 11/15/2016 |
| | | 15/205,745 | PENDING | US | UTL | Low key point of interest notification | 12/31/2013 | 7/8/2016 | | |
| | 2015-0186672 A1 | 14/145,669 | PUBLISHED | US | UTL | Photo Privacy | 12/31/2013 | 12/31/2013 | 7/2/2015 | |
| | 2012-0136941 A1 | 12/957,239 | ABANDONED | US | UTL | User Specific Sharing Feature | 11/30/2010 | 11/30/2010 | 5/31/2012 | |
| | 2012-0254770 A1 | 13/077,845 | ABANDONED | US | UTL | Messaging Interface | 3/31/2011 | 3/31/2011 | 10/4/2012 | |
| | 2013-0159271 A1 | 13/327,329 | ABANDONED | US | UTL | Graphical User Interface For Web Browser | 12/15/2011 | 12/15/2011 | 6/20/2013 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2014-0207555 A1 | 13/745,365 | ABANDONED | US | UTL | Content Gateway | 1/18/2013 | 1/18/2013 | 7/24/2014 | |
| | 2015-0156061 A1 | 14/093,905 | PUBLISHED | US | UTL | Deep Linking to Mobile Applications | 12/2/2013 | 12/2/2013 | 6/4/2015 | |
| | 2015-0154644 A1 | 14/093,908 | PUBLISHED | US | UTL | Deep Linking to Mobile Applications | 12/2/2013 | 12/2/2013 | 6/4/2015 | |
| 9,037,600 | | 13/016,776 | ISSUED | US | UTL | Any-Image Labeling Engine | 1/28/2011 | 1/28/2011 | | 5/19/2015 |
| 9,218,364 | | 13/016,779 | ISSUED | US | UTL | MONITORING AN ANY-IMAGE LABELING ENGINE | 1/28/2011 | 1/28/2011 | | 12/22/2015 |
| | | 61/561,214 | CONV PRV | US | PRV | MEDIA AND APP STORE SEARCH AND CONTENT DISCOVERY USING IMAGE RECOGNITION | 11/17/2011 | 11/17/2011 | | |
| 9,268,464 | | 13/563,637 | ISSUED | US | UTL | LINK DETERMINATION AND USAGE USING IMAGE RECOGNITION | 11/17/2011 | 7/31/2012 | | 2/23/2016 |
| 9,542,619 | 2014-0254946 A1 | 13/793,890 | ISSUED | US | UTL | Automatic Image Piling | 3/11/2013 | 3/11/2013 | 9/11/2014 | 1/10/2017 |
| | | 15/377,877 | PENDING | US | UTL | Automatic Image Piling | 3/11/2013 | 12/13/2016 | | |
| 9,633,272 | 2014-0233854 A1 | 13/768,051 | ISSUED | US | UTL | Real Time Object Scanning Using A Mobile Phone and Cloud-based Visual Search Engine | 2/15/2013 | 2/15/2013 | 8/21/2014 | 4/25/2017 |
| | | 61/830,227 | CONV PRV | US | PRV | PHOTO AND VIDEO SEARCH | 6/3/2013 | 6/3/2013 | | |
| | 2014-0355907 A1 | 14/290,214 | PUBLISHED | US | UTL | Photo and video search | 6/3/2013 | 5/29/2014 | 12/4/2014 | |
| | | 61/830,229 | CONV PRV | US | PRV | PHOTO AND VIDEO SHARING | 6/3/2013 | 6/3/2013 | | |
| | 2014-0359015 A1 | 14/290,223 | PUBLISHED | US | UTL | Photo and video sharing | 6/3/2013 | 5/29/2014 | 12/4/2014 | |
| | | 61/891,363 | CONV PRV | US | PRV | Systems and Method for Providing Context-Based User Interface | 10/15/2013 | 10/15/2013 | | |
| | | 61/890,856 | CONV PRV | US | PRV | Systems and Method for Providing Context-Based User Interface | 10/14/2013 | 10/14/2013 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | 2015-0106737 A1 | 14/513,079 | PUBLISHED | US | UTL | Systems and methods for providing context-based user interface | 10/14/2013 | 10/13/2014 | 4/16/2015 | |
| 9,417,773 | 2016-0110061 A1 | 14/516,401 | ISSUED | US | UTL | Mobile application pre-fetching using a state framework | 10/16/2014 | 10/16/2014 | 4/21/2016 | 8/16/2016 |
| | 2016-0012130 A1 | 14/330,627 | PUBLISHED | US | UTL | Aiding composition of themed articles about popular and novel topics and offering users a navigable experience of associated content | 7/14/2014 | 7/14/2014 | 1/14/2016 | |
| | | 14/575,765 | PENDING | US | UTL | Systems And Methods For Equitably Determining Employee Compensation | 12/18/2014 | 12/18/2014 | | |
| | | 14/586,635 | PENDING | US | UTL | Predicting the next application that you are going to use on aviate | 12/30/2014 | 12/30/2014 | | |
| | | 14/634,515 | PENDING | US | UTL | Large-scale anomaly detection with relative density-ratio estimation | 2/27/2015 | 2/27/2015 | | |
| | | 14/664,043 | PENDING | US | UTL | Using Hierarchical Reservoir Sampling to compute percentiles at scale | 3/20/2015 | 3/20/2015 | | |
| | | 14/741,247 | PENDING | US | UTL | Automatic Lock Removal Method for Scalable Synchronization in Dynamic Data Structures | 6/16/2015 | 6/16/2015 | | |
| | | 14/923,033 | PENDING | US | UTL | Automatic anomaly detection framework for grid resources | 10/26/2015 | 10/26/2015 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 14/682,751 | PENDING | US | UTL | Mobile Ghosting | 4/9/2015 | 4/9/2015 | | |
| | | 14/675,419 | PENDING | US | UTL | Auto-creation of application passwords | 3/31/2015 | 3/31/2015 | | |
| | | 62/133,189 | CONV PRV | US | PRV | On Demand Passwords | 3/13/2015 | 3/13/2015 | | |
| | 2016-0269398 A1 | 14/956,224 | PUBLISHED | US | UTL | On Demand Passwords | 3/13/2015 | 12/1/2015 | 9/15/2016 | |
| | | 14/967,016 | PENDING | US | UTL | Authentication vectors | 12/11/2015 | 12/11/2015 | | |
| | | 14/861,973 | PENDING | US | UTL | Method and system for sharing personal information with web sites | 9/22/2015 | 9/22/2015 | | |
| | | 14/864,706 | PENDING | US | UTL | Method for accessing an online account after the ownerís death | 9/24/2015 | 9/24/2015 | | |
| | | 14/945,221 | PENDING | US | UTL | Method for approximate K-nearest-neighbor search on parallel hardware accelerators | 11/18/2015 | 11/18/2015 | | |
| | | 14/977,390 | PENDING | US | UTL | Decentralized cards platform for showing contextual cards in a stream | 12/21/2015 | 12/21/2015 | | |
| | | 14/921,983 | PENDING | US | UTL | Method to automatically update a Homescreen | 10/23/2015 | 10/23/2015 | | |
| | | 14/835,522 | PENDING | US | UTL | Recyclable Private Memory Heaps for Dynamic Search Indexes | 8/25/2015 | 8/25/2015 | | |
| | | 14/866,388 | PENDING | US | UTL | Programmatic Native Rendering of Structured Content | 9/25/2015 | 9/25/2015 | | |
| | | 14/866,505 | PENDING | US | UTL | Privacy aware sharing implicit and explicit personal preferences for group planning | 9/25/2015 | 9/25/2015 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 14/868,135 | PENDING | US | UTL | Location-sensitive ranking for search and related Techniques | 9/28/2015 | 9/28/2015 | | |
| | | 14/866,382 | PENDING | US | UTL | Region of search based on context | 9/25/2015 | 9/25/2015 | | |
| | | 14/868,154 | PENDING | US | UTL | Predicting Locations for Web Pages and Related Techniques | 9/28/2015 | 9/28/2015 | | |
| | | 14/867,755 | PENDING | US | UTL | Continuity of Experience Card for Index | 9/28/2015 | 9/28/2015 | | |
| | | 14/866,508 | PENDING | US | UTL | Auto extraction of tasks from unstructured communications such as emails and messages | 9/25/2015 | 9/25/2015 | | |
| | | 14/866,514 | PENDING | US | UTL | Personalized audio introduction and summary of result sets for users | 9/25/2015 | 9/25/2015 | | |
| | | 15/152,428 | PENDING | US | UTL | Overall performance when a subsystem becomes overloaded | 5/11/2016 | 5/11/2016 | | |
| | | 15/190,030 | PENDING | US | UTL | Generic card feature extraction based on card rendering as an Image | 6/22/2016 | 6/22/2016 | | |
| | | 15/394,008 | PENDING | US | UTL | UDPing-continuous one-way monitoring of multiple network links | 12/29/2016 | 12/29/2016 | | |
| | | 15/224,434 | PENDING | US | UTL | Detecting Abusive Language using Character N-gram Features | 7/29/2016 | 7/29/2016 | | |
| | | 15/345,277 | PENDING | US | UTL | Top-K query processing with conditional skips | 11/7/2016 | 11/7/2016 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | 60/013,095 | CONV PRV | US | PRV | Look Ahead Caching Process For Improved Information Retrieval Response Time By Caching Bodies Of Information Before They Are Requested By The User | 3/8/1996 | 3/8/1996 | | |
| | 2014-0201184 A1 | 14/238,487 | PUBLISHED | US | UTL | Search engine and method for performing a search for objects that correspond to a search request | 8/12/2011 | 3/6/2014 | 7/17/2014 | |
| 5,197,004 | | 07/349,028 | EXPIRED | US | UTL | METHOD AND APPARATUS FOR AUTOMATIC CATEGORIZATION OF APPLICANTS FROM RESUMES | 5/8/1989 | 5/8/1989 | | 3/23/1993 |

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