

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6800918

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	YAHOO! INC.	04/18/2016
RECEIVING PARTY DATA		
Name:	EXCALIBUR IP, LLC	
Street Address:	701 FIRST AVENUE	
City:	SUNNYVALE	
State/Country:	CALIFORNIA	
Postal Code:	94089	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
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NAME OF SUBMITTER:	LARRY HARRIS	
SIGNATURE:	/Larry Harris/	
DATE SIGNED:	07/07/2021	
Total Attachments: 174		
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PATENT ASSIGNMENT

This patent assignment agreement ("Agreement") is entered into by and between Yahoo! Inc., a Delaware Corporation having an address at 701 First Avenue, Sunnyvale, CA, 94089 ("Assignor") and Excalibur IP, LLC ("Excalibur"), a Delaware Limited Liability Corporation having an address at 701 First Avenue, Sunnyvale, CA, 94089.

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby:

- (A) irrevocably assigns to Excalibur:
- (1) the entire right, title and interest, everywhere in the world to
 - (a) the issued patents and/or patent applications set forth on the Schedule of Assets,
 - (b) any patent applications and/or patents which may claim priority of the items in (a) (including but not limited to continuations, divisions, continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, together with all priority rights and counterpart applications and the full right to claim for any such applications all benefits and priority rights under any existing or future international patent conventions, agreements, legislation or treaties),
 - (c) any patent that may be granted on any patent application in (a) or (b), and
 - (d) any other rights in the inventions described in any of (a), (b) or (c); (all of the foregoing in (1), collectively, the "Assigned Patents");
 - (2) the right to sue third parties for infringement (including but not limited to damages and injunctive relief) of any of the Assigned Patents accruing based on activities occurring prior to the execution date hereof; and
 - (3) any current or future right to receive royalties based on any of the foregoing in (1) or (2); (all of the foregoing in (A), collectively, the "Assigned Rights"); and
- (B) agrees upon request (and at the expense) of Excalibur (or its successors, assigns or legal representatives) to, and if Assignor is unable or unwilling to do so authorizes Excalibur to act in Assignor's name to:
- (1) execute all oaths, assignments, powers and any other papers;
 - (2) testify in any proceeding; and
 - (3) otherwise take any action, and fully cooperate with Excalibur in each case, related to securing and enforcing Excalibur rights related to this Agreement;
- (C) agrees to deliver to Excalibur accurate copies of all material correspondence with counsel, in Assignor's or its counsel's possession, relating to ownership, filing, prosecution, infringement, validity, or enforceability of, the Assigned Patents, to the extent such has not already been delivered; and
- (D) agrees to do all lawful acts necessary to be done to reasonably assist Excalibur (or its successors, assigns or legal representatives) in any interference, litigation, or other proceeding in any country concerning or in connection with the Assigned Rights.

IN WITNESS WHEREOF, Assignor has caused this Patent Assignment to be duly signed on its behalf.

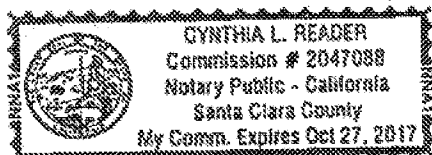
Yahoo! Inc.

Ronald S. Bell
Signature

Ronald S. Bell
Name

General Counsel & Secretary
Title

4/18/16
Date



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 18th day
of April, 2016, by Ronald S. Bell
Bell, proved to me on the basis
of satisfactory evidence to be the person(s) who appeared before me.
Signature Cynthia L. Reader (Seal)

SCHEDULE OF ASSETS

Patent	Publication	Application	City	Kind	Title	Filed	Issued
-	-	80/411,567	US	PRV	Region ID and Application of Region ID	9/17/2002	-
7028027	-	10/262,519	US	UTL	Ranking Documents Based On Classification	9/30/2002	4/11/2006
7533119	US-2006-0129550-A1	11/335,076	US	UTL	Ranking Documents Based On Classification	1/18/2006	5/12/2009
9047370	2009-0187566 A1	12/416,896	US	UTL	Ranking Documents Based On Classification	4/11/2009	8/2/2015
602005042559	1714431	5713466	DE	UTL	Internet Telephony Across Wireless Networks	2/11/2005	1/22/2014
1714431	1714431	5713466	EP	UTL	Internet Telephony Across Wireless Networks	2/11/2005	1/22/2014
1714431	-	5713466	FR	UTL	Internet Telephony Across Wireless Networks	2/11/2005	1/22/2014
1714431	-	5713466	GB	UTL	Internet Telephony Across Wireless Networks	2/11/2005	1/22/2014
10-0828831	-	10-2006-7015967	KR	UTL	Internet Telephony Across Wireless Networks	2/11/2005	5/2/2008
-	-	60/544,912	US	PRV	Internet Telephony Across Wireless Networks	2/13/2004	-
7260082	2005-0259612	11/056,213	US	UTL	Internet Telephony Across Wireless Networks	2/10/2005	8/21/2007
-	WO 2005/079346	PCT/US2005/004554	WO	UTL	Internet Telephony Across Wireless Networks	2/11/2005	-
-	-	60/456,616	US	PRV	Address Book Builder	3/21/2003	-
7539699	2004-0186848 A1	10/624,793	US	UTL	Generating and Maintaining and Electronic	7/21/2003	5/26/2009
-	-	60/548,346	US	PRV	Automatic Product Categorizer	2/27/2004	-
7870039	-	10/920,588	US	UTL	Automatic Product Categorization	8/17/2004	1/11/2011
7865859	2007-0214140 A1	11/373,726	US	UTL	that has been assigned to other sets of categories	3/10/2006	2/8/2011
-	-	60/518,857	US	PRV	Backup and Restore in Mobile Applications	11/10/2003	-
7584225	2005-0102329 A1	10/933,829	US	UTL	in the historical record backup associated with the	9/22/2004	9/1/2009
-	1784747	5739930	EP	UTL	User Annotations from a Trust Network	3/15/2005	-
-	-	15166498	EP	UTL	User Judgments Including Trust Networks	10/28/2005	-
10-0824091	-	10-2006-7019075	KR	UTL	User Annotations from a Trust Network	3/15/2005	4/15/2008
10-0966405	-	10-2007-7011915	KR	UTL	User Judgments Including Trust Networks	10/28/2005	6/18/2010
-	-	60/533,577	US	PRV	Network Determinants	3/15/2004	-
-	-	80/623,282	US	PRV	User Judgments Including Trust Networks	10/28/2004	-
8788492	2005-0256886 A1	11/082,202	US	UTL	user annotations from a trust network	3/15/2005	7/22/2014
-	2014-0289232 A1	14/292,028	US	UTL	user annotations from a trust network	5/30/2014	-
-	-	PCT/US2005/039297	WO	UTL	User Judgments Including Trust Networks	10/28/2005	-
-	2005/039291	PCT/US2005/008497	WO	UTL	Search System and Methods with Integration of	3/15/2005	-
-	-	60/460,657	US	PRV	User Annotations from a Trust Network	4/4/2003	-
-	-	10/703,688	US	UTL	Canonicalization of Terms in a Keyword-Based	11/17/2003	2/28/2006
7007014	2004-0199496 A1	10/703,688	US	UTL	Presentation System	11/17/2003	2/28/2006
7401074	2006-0074853 A1	11/282,435	US	UTL	CANONICALIZATION OF TERMS IN A	11/17/2005	7/15/2008
-	-	60/421,524	US	PRV	KEYWORD-BASED PRESENTATION SYSTEM	10/25/2002	-
7240214	2004-0083297 A1	10/637,384	US	UTL	Centrally Controllable Instant Messaging System	8/8/2003	7/3/2007

SCHEDULE OF ASSETS

-	-	60/483,191	US	PRV	Common Value System for Dynamic Composition of Pages	6/27/2003 -
7574651	2006-0161843 A1	10/758,969	US	UTL	Common Value System for Dynamic Composition of Pages	1/15/2004 8/11/2009
-	-	60/528,609	US	PRV	Communication Among Browser Windows	12/10/2003 -
8528003	2005-0108033	10/753,106	US	UTL	Communication Among Browser Windows	1/8/2004 9/3/2013
-	-	60/460,653	US	PRV	Content Bridge for Associating Host Content Guest Content Wherein Guest Content is Determined by Search	4/4/2003 -
7107264	2004-0249800 A1	10/816,456	US	UTL	Content Bridge for Associating Host Content and Guest Content Wherein Guest Content is Determined by Search	3/31/2004 9/12/2006
-	-	60/176,666	US	PRV	Content Exchange (Provisional)	1/18/2000 -
7243136	2002-0007402	09/764,493	US	UTL	Approach for Managing and Providing Content to Users	1/17/2001 7/10/2007
-	-	80/535,285	US	PRV	Content Management System	1/9/2004 -
7483891	2005-0154746 A1	10/829,614	US	UTL	Content presentation and management system associating base content and relevant additional content	4/21/2004 1/27/2009
-	-	60/269,699	US	PRV	Content-Based Billing And Header-Based Network API	2/17/2001 -
7370293	2002-0124112 A1	10/077,834	US	UTL	Header-Based Network API	2/15/2002 1/11/2011
-	2002-0129088 A1	10/076,051	US	UTL	Content-Based Billing	2/15/2002 -
8296462	2011-0093618	12/980,210	US	UTL	Header-Based Network API	12/28/2010 10/23/2012
-	-	60/576,735	US	PRV	Content Management System for User Behavior Targeting	6/2/2004 -
8180769	2006-0020596 A1	11/144,234	US	UTL	Content-Management System for User Behavior Targeting	6/2/2005 5/15/2012
-	2005/119521	PCT/US2006/019356	WO	UTL	Content-Management System for User Behavior Targeting	6/2/2005 -
-	-	60/219,036	US	PRV	Demographic Server Prediction Engine	7/18/2000 -
8060416	2004-0138956A1	09/850,949	US	UTL	Method and System for Providing Advertising Inventory Information in Response to Demographic Inquiries	5/7/2001 11/15/2011
-	-	60/214,662	US	PRV	Financial Information Portal	6/28/2000 -
7370011	US-2002-0049655 A1	09/896,438	US	UTL	Financial Information Portal	6/28/2001 5/6/2008
7840210	2008-0133413 A1	12/030,127	US	UTL	Financial Information Portal	2/12/2008 12/29/2009
-	-	60/457,479	US	PRV	Instant Messaging Using an E-Mail Protocol SYSTEM AND METHOD FOR INSTANT MESSAGING USING AN EMAIL PROTOCOL	3/24/2003 -
7406501	US 2004-0215721 A1	10/610,902	US	UTL	Integration of Personalized Portals with Web Content Syndication	6/30/2003 7/29/2008
-	1792259	5727320	EP	UTL	Integration of Personalized Portals with Web Content Syndication	3/15/2005 -
10-0854561	-	10-2006-7019079	KR	UTL	Integration of Personalized Portals with Web Content Syndication	3/15/2005 8/20/2008
-	-	60/533,844	US	PRV	Content Syndication	3/15/2004 -

SCHEDULE OF ASSETS

8020106	2006-0230021 A1	11/082,128	US	UTL	Integration of Personalized Portals with Web Content Synchronization	3/15/2005	9/13/2011
-	-	PCT/US2005/008644	WO	UTL	Content Synchronization	3/15/2005 -	
8150825	US 2005-0216454 A1	60/553,645	US	PRV	Inverse Search Systems and Methods	3/15/2004 -	
8396853	2012-0173505	11/081,822	US	UTL	Inverse Search Systems and Methods	3/15/2005	4/3/2012
8812417	2013-0179485A1	13/419,867	US	UTL	Inverse Search Systems and Methods	3/14/2012	3/12/2013
8898627	2014-0108387 A1	13/783,582	US	UTL	Inverse Search Systems and Methods	3/4/2013	12/17/2013
-	-	14/103,750	US	UTL	Inverse Search Systems and Methods	12/11/2013	11/11/2014
-	-	60/492,018	US	PRV	Listings Optimization Using a Plurality of Data Sources	8/1/2003 -	
7617203	2005-0027699-a1	10/752,742	US	UTL	Listings Optimization Using a Plurality of Data Sources	1/6/2004	11/10/2009
-	-	60/559,515	US	PRV	Method and Apparatus for Providing a Flash-Based Avatar Display	4/5/2004 -	
7707520	US 2005-0248574 A1	11/047,162	US	UTL	Method and Apparatus for Providing Flash-Based Avatars	1/31/2005	4/27/2010
-	-	60/486,698	US	PRV	Method and System for Maintaining Font Sizes On Different Platforms	7/11/2003 -	
7640498	US-2005-0085599-A1	10/888,345	US	UTL	Method and System for Maintaining Font Sizes On Different Platforms	7/9/2004	12/29/2009
-	2005-008438-A2	PCT/US04/22625	WO	UTL	Method and System for Maintaining Font Sizes On Different Platforms	7/12/2004 -	
-	-	60/397,164	US	PRV	Method and system for controlling and monitoring a web-cast	6/7/2002 -	
7849152	2004/0055016A1	10/458,569	US	UTL	Method and system for controlling and monitoring a web-cast	6/9/2003	12/7/2010
7412655	-	10/979,587	US	UTL	Method and System of Providing Dynamic Dialogs Method, Apparatus, and System for Providing Online Identities	11/22/2004	8/12/2008
-	-	60/540,890	US	PRV	Method and Apparatus for Providing Real-Time Notification Mechanism for Avatars	1/30/2004 -	
7865566	US2005-0216529-A1	11/047,140	US	UTL	Method and Apparatus for providing Persistent and Dynamic Moods in Avatars	1/31/2005	1/4/2011
-	-	60/559,480	US	PRV	Method and apparatus for providing a real-time notification mechanism for Avatars/messenger	4/5/2004 -	
-	-	60/559,516	US	PRV	Methods To Attribute Conversions For Online Advertisement Campaigns	6/30/2003 -	
-	-	60/483,800	US	PRV	Methods To Attribute Conversions For Online Advertisement Campaigns	6/29/2004	1/31/2012
8108254	US-2005-0071218-A1	10/879,457	US	UTL	Navigating Network Resources Based on Metadata	2/2/1999	4/22/2002
147604	-	88/101668	TW	UTL	Mobile Software Morphing Agent	6/16/2000 -	

SCHEDULE OF ASSETS

7056699	-	09/650,273	US	UTL	Systems and Methods for Implementing Code Translations That Enable Persistent Client-Server Communications Via a Proxy	8/29/2000	6/6/2006
7343568	-	60/518,858	US	PRV	Navigation Pattern on a Directory Tree	11/10/2003	-
-	2005-0102635 A1	10/959,917	US	UTL	Navigation Pattern on a Directory Tree	10/5/2004	3/11/2008
-	-	5821001	EP	UTL	Link-Based Spam Detection	10/26/2005	-
10-1230687	-	10-2007-7011999	KR	UTL	Link-Based Spam Detection	10/26/2005	1/31/2013
-	-	60/623,295	US	PRV	Novel Method for Link-Based Spam Detection	10/29/2004	-
7533092	2006-0095418 A1	11/198,471	US	UTL	Link-Based Spam Detection	8/4/2005	5/12/2009
-	W/O 2006/049996	PCT/US2005/038619	WO	UTL	Link-Based Spam Detection	10/26/2005	-
-	-	60/605,927	US	PRV	Optimal Storage and Retrieval of XML Data	8/31/2004	-
7403940	-	10/390,426	US	UTL	Search System and Methods with Integration of User Annotations	11/16/2004	7/22/2008
-	-	13155575	EP	UTL	User Annotations	3/15/2005	-
10-0905865	-	10-2008-7010434	KR	UTL	Search System and Methods with Integration of User Annotations	3/15/2005	6/25/2009
10-1222294	-	10-2008-7010436	KR	UTL	Search System and Methods with Integration of User Annotations	3/15/2005	1/8/2013
10-0905866	-	10-2008-7010435	KR	UTL	Search System and Methods with Integration of User Annotations	3/15/2005	6/25/2009
10-1236619	-	10-2010-7012470	KR	UTL	Search System and Methods with Integration of User Annotations	3/15/2005	2/18/2013
10-1312190	-	10-2011-7031294	KR	UTL	Search System and Methods with Integration of User Annotations	3/15/2005	9/17/2013
-	-	60/553,607	US	PRV	Search System and Methods with Integration of User Judgements	3/15/2004	-
-	-	60/614,232	US	PRV	Search System and Methods with Integration of User Judgements	9/28/2004	-
8005850	2005-0234891 A1	11/081,860	US	UTL	Search System and Methods with Integration of User Annotations	3/15/2005	8/23/2011
8005835	2005-0256867 A1	11/082,212	US	UTL	Search System and Methods with Integration of Aggregate User Annotations	3/15/2005	8/23/2011
7599950	2005-0216457 A1	11/081,871	US	UTL	Systems and Methods for Collecting User Annotations	3/15/2005	10/6/2009
7761436	2007-0156636 A1	11/325,254	US	UTL	APPARATUS AND METHOD FOR CONTROLLING CONTENT ACCESS BASED ON SHARED ANNOTATIONS FOR ANNOTATED USERS IN A FOLKSONOMY SCHEME	1/3/2006	7/20/2010
7685209	-	11/149,323	US	UTL	Apparatus and method for normalizing user selected keywords in a folksonomy	6/6/2005	3/23/2010
-	2011-0213805 A1	13/104,569	US	UTL	Search Systems and Methods with Integration of User Annotations	5/10/2011	-
-	2012-0233154 A1	13/192,805	US	UTL	Search Systems and Methods with Integration of Aggregate User Annotations	7/28/2011	-
-	2014-0114947 A1	14/143,373	US	UTL	Search Systems and Methods with Integration of User Annotations	12/30/2013	-

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-	-	PCT/US05/08635	WO	UTL	Search System and Methods with Integration of User Annotations	3/15/2005 -
-	-	EP1611534	EP	UTL	A System for Generating Search Results Including Searching by Subdomain Hints and Providing Sponsored Results by Subdomain	4/5/2004 -
-	EP2672403	13173660	EP	UTL	A System of Generating Search Results Including Searching By Subdomain Hints And Providing Sponsored Results By Subdomain	4/5/2004 -
10-1123426	-	10-2005-7018923	KR	UTL	A System for Generating Search Results Including Searching by Subdomain Hints and Providing Sponsored Results by Subdomain	4/5/2004 2/27/2012
-	-	60/460,658	US	PRV	Search System Using Search Subdomain and Hints to Subdomains in Search Query Statements and Sponsored Results	4/4/2003 -
7499314	20050228780	10/819,082	US	UTL	Search System Using Search Subdomain and Hints to Subdomains in Search Query Statements and Sponsored Results on a Subdomain by Subdomain Basis	4/5/2004 3/3/2009
8271480	2009-0157642 A1	12/354,751	US	UTL	Search System Using Search Subdomain And Hints To Subdomains In Search Query Statements And Sponsored Results On A Subdomain-By-Subdomain Basis	1/15/2009 9/18/2012
8849796	2012-0330949	13/599,688	US	UTL	Search System Using Search Subdomain And Hints To Subdomains In Search Query Statements And Sponsored Results On A Subdomain-By-Subdomain Basis	8/30/2012 9/30/2014
-	-	14/496,209	US	UTL	Search System Using Search Subdomain And Hints To Subdomains In Search Query Statements And Sponsored Results On A Subdomain-By-Subdomain Basis	9/25/2014 -
-	2015-0112959 A1	14/588,191	US	UTL	Search System Using Search Subdomain And Hints To Subdomains In Search Query Statements And Sponsored Results On A Subdomain-By-Subdomain Basis	12/31/2014 -
-	-	-	US	UTL	Search System Using Search Subdomain and Hints to Subdomains in Search Query Statements and Sponsored Results on a Subdomain	4/5/2004 -
7181764	2005-0097321 A1	10/975,698	US	UTL	Search System Using Search Subdomain and Hints to Subdomains in Search Query Statements and Sponsored Results on a Subdomain	11/4/2003 -

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-	-	947290	EP	UTL	System and Method for Personalized Information Filtering and Alert Generation	7/12/2000 -
-	-	60/143,473	US	PRV	System and Method for Personalized Information Filtering and Alert Generation	7/12/1999 -
6381594	-	09/613,436	US	UTL	System and Method for Personalized Information Filtering and Alert Generation	7/11/2000 4/30/2002
-	-	PCT/US2000/19026	WO	UTL	System and Method for Personalized Information Filtering and Alert Generation	7/12/2000 -
-	-	60/540,505	US	PRV	System and Method for Social Networking	1/29/2004 -
8612359	US 2005-0171832 A1	10/866,954	US	UTL	Method And System For Sharing Portal Subscriber Information in an Online Social Network	6/14/2004 12/17/2013
7885901	US 2005-0171799 A1	10/863,926	US	UTL	Method And System For Seeding Online Social Network Contacts	6/8/2004 2/8/2011
-	-	60/544,639	US	PRV	System and Method for Social Networking	2/13/2004 -
7269590	US-2005-0177385-A1	10/832,172	US	UTL	Method and System for Customizing Views of Information Associated with a Social Network User	4/26/2004 9/11/2007
7707122	US 2005-0171955 A1	10/946,636	US	UTL	System And Method Of Information Filtering Using Measures Of Affinity Of A Relationship	9/21/2004 4/27/2010
8584258	US-2006-0184997-A1	11/314,206	US	UTL	CONTROL FOR INVITING AN UNAUTHENTICATED USER TO GAIN ACCESS TO DISPLAY OF CONTENT THAT IS OTHERWISE ACCESSIBLE WITH AN AUTHENTICATION MECHANISM	12/20/2005 11/12/2013
8166069	US-2006-0230061-A1	11/392,247	US	UTL	DISPLAYING AGGREGATED NEW CONTENT BY SELECTED OTHER USERS BASED ON THEIR AUTHORIZATION LEVEL	3/29/2006 4/24/2012
7599935	US 2006-0184578 A1	11/314,201	US	UTL	CONTROL FOR ENABLING A USER TO PREVIEW DISPLAY OF SELECTED CONTENT BASED ON ANOTHER USERS AUTHORIZATION LEVEL	12/20/2005 10/6/2009
-	2011-0125661 A1	13/022,399	US	UTL	Method and System for Seeding Online Social Network Contacts	2/7/2011 -
-	2011-0289011 A1	13/197,409	US	UTL	Social Network With Field Level Control of Data Exposure	8/3/2011 -
-	2011-0289574 A1	13/197,449	US	UTL	Social Network With Multiple Logins	8/3/2011 -
-	2011-0289153 A1	13/197,505	US	UTL	Social Network For Reciprocal Data Sharing	8/3/2011 -
-	2012-0203846 A1	13/197,551	US	UTL	Social Network For Providing Recommendations For Items of Interest	8/3/2011 -
-	2012-0209914 A1	13/453,511	US	UTL	DISPLAYING AGGREGATED NEW CONTENT BY SELECTED OTHER USER BASED ON THEIR AUTHORIZATION LEVEL	4/23/2012 -

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-	2014-0067980 A1	14/076,883	US	UTL	CONTROL FOR INVITING AN UNAUTHENTICATED USER TO GAIN ACCESS TO DISPLAY OF CONTENT THAT IS OTHERWISE ACCESSIBLE WITH AN AUTHENTICATION MECHANISM	11/11/2013 -
-	-	80/561,142	US	PRV	Systems and Methods for Adaptive Scheduling of References to Documents	4/8/2004 -
8214358	US-2009-0013006-A1	12/169,942	US	UTL	Systems and Methods for Adaptive Scheduling of References to Documents	7/3/2008 7/3/2012
7539674	US-2005-0223094-A1	10/897,084	US	UTL	Systems and Methods for Adaptive Scheduling of References to Documents	7/22/2004 5/26/2009
8706722	2012-0239490 A1	13/485,077	US	UTL	Systems and Methods for Adaptive Scheduling of References to Documents	5/31/2012 4/22/2014
-	2014-0229272 A1	14/256,404	US	UTL	References to Documents	4/18/2014 -
-	-	4758896	EP	UTL	Universal Search Interface Systems and Methods SYSTEMS AND METHODS FOR GENERATING CONCEPT UNITS FROM SEARCH QUERIES	4/5/2004 -
-	-	4758861	EP	UTL	Universal Search Interface Systems and Methods SYSTEMS AND METHODS FOR GENERATING CONCEPT UNITS FROM SEARCH QUERIES	4/2/2004 -
10-0911606	-	10-2006-7018922	KR	UTL	Universal Search Interface Systems and Methods SYSTEMS AND METHODS FOR GENERATING CONCEPT UNITS FROM SEARCH QUERIES	4/5/2004 8/3/2009
10-1077699	-	10-2005-7018930	KR	UTL	SYSTEMS AND METHODS FOR GENERATING CONCEPT UNITS FROM SEARCH QUERIES	4/2/2004 10/21/2011
7051023	US 2004-0199498 A1	10/713,576	US	UTL	CONCEPT UNITS FROM SEARCH QUERIES	11/12/2003 5/23/2006
7698327	US 2004-0248801 A1	10/818,752	US	UTL	Universal Search Interface Systems and Methods Vector Analysis of Histograms for Units of a Concept Network in Search Query Processing	4/5/2004 4/13/2010
7340460	-	10/797,566	US	UTL	Universal Search Interface Systems and Methods SYSTEMS AND METHODS FOR GENERATING CONCEPT UNITS FROM SEARCH QUERIES	3/9/2004 3/4/2008
-	WO 2004/090787	PCT/US2004/010491	WO	UTL	Universal Search Interface Systems and Methods SYSTEMS AND METHODS FOR GENERATING CONCEPT UNITS FROM SEARCH QUERIES	4/5/2004 -
-	WO2004/09067	PCT/US2004/010386	WO	UTL	SYSTEMS AND METHODS FOR MANAGING AND USING MULTIPLE CONCEPT NETWORKS FOR ASSISTED SEARCH PROCESSING	4/2/2004 -
-	-	80/634,022	US	PRV	SYSTEMS AND METHODS FOR MANAGING AND USING MULTIPLE CONCEPT NETWORKS FOR ASSISTED SEARCH PROCESSING	12/6/2004 -
7707201	US-2006-0167896-A1	11/295,166	US	UTL	FOR ASSISTED SEARCH PROCESSING AND USING MULTIPLE CONCEPT NETWORKS	12/5/2005 4/27/2010
-	-	60/180,379	US	PRV	Systems and Methods for Predicting Traffic on Internet Sites	2/4/2000 -
6801945	-	09/773,471	US	UTL	Systems and Methods for Predicting Traffic on Internet Sites	1/31/2001 10/5/2004
7558865	2005-0050215 A1	10/956,662	US	UTL	Systems and Methods for Predicting Traffic on Internet Sites	10/1/2004 7/7/2009

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-	-	PCT/US2001/03708	WO	UTL	Systems and Methods for Predicting Traffic on Internet Sites	2/2/2001 -
-	-	60/571,025	US	PRV	SYSTEMS AND METHODS FOR PROVIDING NOTIFICATION AND FEEDBACK BASED ON ELECTRONIC PAYMENT TRANSACTIONS	5/14/2004 -
-	US 2005-0256809 A1	10/391,539	US	UTL	Systems and Methods For Providing Notification And Feedback Based On Electronic Payment Transactions	11/17/2004 -
1678639	-	602004045364	DE	UTL	Systems and Methods for Search Processing Using SuperUnits	10/7/2004 6/25/2014
1678639	1678639	4794443	EP	UTL	Systems and Methods for Search Processing Using SuperUnits	10/7/2004 6/25/2014
1678639	-	4794443	GB	UTL	Systems and Methods for Search Processing Using SuperUnits	10/7/2004 6/25/2014
10-0651706	-	10-2006-7008727	KR	UTL	Systems and Methods for Search Processing Using SuperUnits	10/7/2004 8/5/2008
1066766	-	93130562	TW	UTL	Systems and methods for search processing using units	10/8/2004 6/21/2012
-	-	60/510,220	US	PRV	Systems and Methods for Search Processing Using Clustering of Units	10/9/2003 -
7346629	US 2005-0080795 A1	10/797,614	US	UTL	Systems and methods for search processing using superunits	3/9/2004 3/18/2008
-	WO 2005/036351	PCT/US04/033097	WO	UTL	Systems and Methods for Search Processing Using SuperUnits	10/7/2004 -
-	-	60/517,614	US	PRV	Techniques for establishing a trusted email database and assign universal trust for email addresses	11/4/2003 -
7155738	2005-0097319 A1	10/886,891	US	UTL	System and Method fo Managing a Trusted Email Database	7/8/2004 12/26/2006
-	-	60/524,096	US	PRV	Techniques for Selectively Performing Searches against Data and Providing Search Results	11/20/2003 -
7747638	-	10/964,980	US	UTL	Techniques for Selectively Performing Searches against Data and Providing Search Results	10/13/2004 6/29/2010
-	-	60/284,353	US	PRV	Use of Network Traffic Logs for Search Enhancement	4/16/2001 -
7398271	-	10/124,509	US	UTL	Using Network Traffic Logs for Search Enhancement	4/16/2002 7/6/2008
8203952	US-2008-0270484-A1	12/168,797	US	UTL	Using Network Traffic Logs For Search Enhancement	7/7/2008 6/19/2012
7996397	US-2008-0270404-A1	12/168,813	US	UTL	Using Network Traffic Logs For Search Enhancement	7/7/2008 8/9/2011
8509266	US 2012-0254144 A1	13/492,508	US	UTL	Using Network Traffic Logs For Search Engine Index Updates	8/8/2012 8/13/2013
-	-	60/471,822	US	PRV	Mapping Method and System	5/20/2003 -
-	2006-0026170 A1	11/137,603	US	UTL	Mapping Method and System	5/25/2005 -

SCHEDULE OF ASSETS

10-1393839	-	10-2007-7013104	KR	UTL	Search System Presenting Active Abstracts Including Linked Terms	11/10/2005	5/2/2014
-	-	60/627,254	US	PRV	Search System Presenting Active Abstracts Including Linked Terms	11/11/2004	-
7606794	-	11/169,521	US	UTL	Active Abstracts	6/28/2005	10/20/2009
-	-	60/627,189	US	PRV	Document Navigation by Active Abstracts	11/11/2004	-
-	WO 2006/053167	PCT/US2005/40831	WO	UTL	Search System Presenting Active Abstracts Including Linked Terms	11/10/2005	-
-	-	60/544,880	US	PRV	Integrated Instant Messaging, Routing and Telephone Services Billing System	2/13/2004	-
7634072	2005-0259798	11/056,212	US	UTL	Integrated Instant Messaging, Routing and Telephone Services Billing System	2/10/2005	12/15/2009
-	1730650	5713547	EP	UTL	A Predictive Communication Routing Scheme Using Instant Messaging Preferences and/or Settings for Routing Packet Traffic for Voice, Video or Other Multimedia Communications	2/11/2005	-
10-0901909	-	10-2006-7016206	KR	UTL	A Predictive Communication Routing Scheme Using Instant Messaging Preferences and/or Settings for Routing Packet Traffic for Voice, Video or Other Multimedia Communications	2/11/2005	6/2/2009
-	-	60/544,914	US	PRV	A Predictive Communication Routing Scheme Using Instant Messaging Preferences and/or Settings for Routing Packet Traffic for Voice, Video or Other Multimedia Communications	2/13/2004	-
8223747	US 2006-0023695 A1	11/056,485	US	UTL	Predictive communication routing scheme using instant messaging preferences and/or settings for routing packet traffic for voice, video and other multimedia communications	2/10/2005	7/17/2012
-	WO 2005/079393	PCT/US2005/004700	WO	UTL	A Predictive Communication Routing Scheme Using Instant Messaging Preferences and/or Settings for Routing Packet Traffic for Voice, Video or Other Multimedia Communications	2/11/2005	-
-	1 782 380	5774750	EP	UTL	Search Systems and Methods using in-line Contextual Queries	7/21/2005	-
10-1191531	-	10-2007-7005011	KR	UTL	Search Systems and Methods Using In-Line Contextual Queries	7/21/2005	10/9/2012
10-1303468	-	10-2011-7031087	KR	UTL	Search Systems and Methods using in-line Contextual Queries	7/21/2005	8/28/2013
7956115	US 2006-0028013 A1	10/903,283	US	UTL	Search Systems and Methods using in-line Contextual Queries	7/29/2004	6/7/2011
7603349	20060098026	11/033,417	US	UTL	User Interface for Search Systems and Methods using in-line Contextual Queries	1/10/2005	10/13/2009
7856441	-	11/033,100	US	UTL	Search Systems and Methods using in-line Contextual Queries	1/10/2005	12/21/2010
7451152	20060098026	11/129,096	US	UTL	Systems and Methods for Contextual Transaction Proposals	5/12/2005	11/11/2008

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8655872	US-2009-0070328-A1	12/251,638	US	UTL	Search Systems and Methods using In-Line Contextual Queries	10/15/2008	2/18/2014
8108385	US-2010-0070484-A1	12/553,636	US	UTL	User Interface for Search Systems and Methods using In-Line Contextual Queries	9/3/2009	1/31/2012
8301614	2012-0110009	13/345,686	US	UTL	User Interfaces For Search Systems Using In-Line Contextual Queries	1/7/2012	10/30/2012
8812540	2013-0024474-A1	13/631,663	US	UTL	User Interfaces For Search Systems Using In-Line Contextual Queries	9/28/2012	8/19/2014
-	2014-0324814 A1	14/327,500	US	UTL	User Interfaces For Search Systems Using In-Line Contextual Queries	7/9/2014	-
-	wo 2006/014835 A2	PCT/US2005/026184	WO	UTL	Search Systems and Methods using In-Line Contextual Queries	7/21/2005	-
-	-	PCT/US2006/013389	WO	UTL	Systems and Methods for Contextual Transaction Proposals	4/11/2006	-
7278111	US-2004125137-A1	10/330,898	US	UTL	Systems and Methods for Selecting a Date or Range of Dates	12/26/2002	10/2/2007
7496857	20040212636-A1	10/424,073	US	UTL	Systems and Methods for Relating Events to a Date or Date Range Selection	4/25/2003	2/24/2009
-	-	60/512,066	US	PRV	Search-Based Email Client	10/17/2003	-
7620624	-	10/966,265	US	UTL	Systems and Methods for Indexing Content for Fast and Scalable Retrieval	10/15/2004	11/17/2009
7849063	US2005-0198076-A1	10/966,566	US	UTL	Systems and Methods for Indexing Content for Fast and Scalable Retrieval	10/15/2004	12/7/2010
-	2013-0246938-A1	13/854,904	US	UTL	Systems And Methods For A Search-Based Email Client	4/1/2013	-
7720845	-	10/917,742	US	UTL	Systems and Methods for Updating Query Results Based on Query Delays	8/13/2004	5/18/2010
-	-	3759455	EP	UTL	ONLINE SOFTWARE RENTING	9/16/2003	-
10-0979770	-	10-2006-7004429	KR	UTL	ONLINE SOFTWARE RENTING	9/16/2003	8/27/2010
-	A1 20040128250	60/411,279	US	PRV	ON-LINE SOFTWARE RENTAL	9/16/2002	-
7523071	A1 20040128250	10/667,129	US	UTL	ON-LINE SOFTWARE RENTAL	9/16/2003	4/21/2009
8583558	2009-0210317	12/426,910	US	UTL	On-Line Software Rental	4/20/2009	11/12/2013
-	-	PCT/US03/30085	WO	UTL	ONLINE SOFTWARE RENTING	9/16/2003	-
-	-	60/567,316	US	PRV	METHOD AND APPARATUS FOR PERFORMING A SEARCH	4/30/2004	-
7519581	-	11/119,697	US	UTL	METHOD AND APPARATUS FOR PERFORMING A SEARCH	5/2/2005	4/14/2009
7844589	US 2005-0108210 A1	60/520,845	US	PRV	Method and Apparatus for Performing a Search	11/18/2003	-
9201963	2011-0179005 A1	10/725,197	US	UTL	Method and Apparatus for Performing a Search	12/1/2003	11/30/2010
-	-	12/941,181	US	UTL	Method and Apparatus for Performing a Search	11/8/2010	12/1/2015
-	-	14/954,042	US	UTL	Method and Apparatus for Performing a Search	11/30/2015	-
1157349	2007-0110868	10-2007-7020803	KR	UTL	Re-Ranking and Increasing the Relevance of the Results of Searches	3/10/2006	6/11/2012
7574436	US-2006-0208476-A1	11/078,665	US	UTL	Re-Ranking Search Results Increasing the Relevance of the Results of Internet Searches	3/10/2005	6/11/2009

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-	W/O 2006/099331	PCT/US2006/008961	W/O	UTL	Re-Ranking Search Results Increasing the Relevance of the Results of Internet Searches METHOD AND SYSTEM OF PROVIDING BROWSER FUNCTIONALITY THROUGH A BROWSER BUTTON	3/10/2006 -
-	-	60,516,196	US	PRV	Method And System Of Providing Browser Functionality Through A Browser Button	10/31/2003 -
7506260	US 2005-0198220 A1	10/794,705	US	UTL	Search Processing with Automatic Categorization of Queries	3/5/2004 3/17/2009
10-1211800	-	10-2007-7014770	KR	UTL	Search Processing with Automatic Categorization of Queries	11/29/2005 12/6/2012
7620628	US-2006-0122979-A1	11/006,466	US	UTL	Search Processing with Automatic Categorization of Queries	12/6/2004 11/17/2009
-	W/O 2006/062772	PCT/US05/043196	W/O	UTL	Automatic Generation of Taxonomies for Categorizing Queries and Search Query Processing Using Taxonomies	11/29/2005 -
7428533	US-2006-0122994-A1	11/006,463	US	UTL	CLICK THROUGH RANKING OF IMAGES AND OTHER DATA	12/6/2004 9/23/2008
7634472	US-2005-0120311-A1	10/729,621	US	UTL	COUNTRY TAGGING	12/5/2003 12/15/2009
7441044	US 2005-0097202 A1	10/705,181	US	UTL	METHOD AND SYSTEM FOR GENERATING A SET OF SEARCH TERMS	11/10/2003 10/21/2008
2398769	-	2398769	CA	UTL	Method and System for Generating a Set of Search Terms	1/5/2001 5/5/2009
-	-	190902	EP	UTL	METHOD AND SYSTEM FOR GENERATING A SET OF SEARCH TERMS	1/5/2001 -
2375860	-	220223	GB	UTL	METHOD AND SYSTEM FOR GENERATING A SET OF SEARCH TERMS	1/5/2001 4/21/2004
7266561	2004-0230574 A1	10/795,556	US	UTL	METHOD AND SYSTEM FOR GENERATING A SET OF SEARCH TERMS	3/5/2004 9/4/2007
6704727	-	09/494,818	US	UTL	METHOD AND SYSTEM FOR GENERATING A SET OF SEARCH TERMS	1/31/2000 3/9/2004
-	W/O 01/65836	US01/00332	W/O	UTL	DATABASE SEARCH SYSTEM AND METHOD OF DETERMINING A VALUE OF A KEYWORD IN A SEARCH	1/5/2001 -
10-1245089	-	10-2006-7005369	KR	UTL	DATABASE SEARCH SYSTEM AND METHOD OF DETERMINING A VALUE OF A KEYWORD IN A SEARCH	7/8/2005 3/12/2013
7716219	US 2006-0010105 A1	10/887,457	US	UTL	DATABASE SEARCH SYSTEM AND METHOD OF DETERMINING A VALUE OF A KEYWORD IN A SEARCH	7/8/2004 5/11/2010
-	-	PCT/US2005/024148	W/O	UTL	Efficiently spaced and used advertising in network-served multimedia documents	7/8/2005 -
-	-	11/320,556	US	UTL	System and Method for Detecting and Verifying Digitized Content over a Computer Network	12/27/2005 -
2002236974	-	2002236974	AU	UTL	System and Method for Detecting and Verifying Digitized Content over a Computer Network	2/8/2002 1/4/2008
1395923	-	2703947	EP	UTL	Digitized Content over a Computer Network	2/8/2002 6/2/2010

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-	-	9013333	EP	UTL	System and Method for Detecting and Verifying Digitized Content over a Computer Network	2/8/2002 -
1395923	-	2703347	FR	UTL	System and Method for Detecting and Verifying Digitized Content over a Computer Network	2/8/2002 6/2/2010
1395923	-	2703347	GB	UTL	System and Method for Detecting and Verifying Digitized Content over a Computer Network	2/8/2002 6/2/2010
10-0874893	-	10-2003-7010512	KR	UTL	System and Method for Detecting and Verifying Digitized Content over a Computer Network	2/8/2002 12/11/2008
7406529	2002-0111993 A1	09/780,962	US	UTL	System and Method for Detecting and Verifying Digitized Content Over a Computer Network	2/9/2001 7/29/2008
7853670	2008-0270570 A1	12/139,660	US	UTL	System and Method for Detecting and Verifying Digitized Content Over a Computer Network	6/16/2008 12/14/2010
-	-	PCT/US2002/03504	WO	UTL	System and Method for Detecting and Verifying Digitized Content over a Computer Network	2/8/2002 -
7689575	US-2008-0143208-A1	11/027,208	US	UTL	Bitmask Access for Managing Blog Content	12/29/2004 3/30/2010
8186014	US-2004-0220915-A1	10/429,209	US	UTL	Detection of improper search queries in a wide area network search engine	5/2/2003 4/24/2012
-	WO2004/100045	PCT/US04/13228	WO	UTL	DETECTION OF IMPROPER SEARCH QUERIES IN A WIDE AREA NETWORK SEARCH ENGINE	4/30/2004 -
7555485	US 2004-0039733 A1	10/226,103	US	UTL	SYSTEM AND METHOD FOR CONDUCTING AN AUCTION-BASED RANKING OF SEARCH RESULTS ON A COMPUTER NETWORK	8/22/2002 6/30/2009
7702672	US-2009-0240600-A1	12/473,663	US	UTL	System and Method for Conducting an Auction-Based Ranking of Search Results on a Computer Network	5/28/2009 4/20/2010
-	WO/2004/019171	PCT/US03/25258	WO	UTL	SYSTEM AND METHOD FOR AN AUCTION OF SEARCH RESULTS ON A NETWORK	8/21/2003 -
2001263275	2001-63227501	2001263275	AU	UTL	Method and apparatus for identifying related searches in a database search system	5/18/2001 11/4/2005
2409642	2409642	2409642	CA	UTL	METHOD AND APPARATUS FOR IDENTIFYING RELATED SEARCHES IN A DATABASE SEARCH SYSTEM	5/18/2001 11/2/2010
1297453	-	1937557	CH	UTL	Method and Apparatus for Identifying Related Searches in a Database Search System	5/18/2001 4/21/2010
60141905	-	1937557	DE	UTL	Method and Apparatus for Identifying Related Searches in a Database Search System	5/18/2001 4/21/2010
1297453	1297453	1937557	EP	UTL	Method and Apparatus for Identifying Related Searches in a Database Search System	5/18/2001 4/21/2010
1297453	-	1937557	FR	UTL	Method and Apparatus for Identifying Related Searches in a Database Search System	5/18/2001 4/21/2010
2388678	-	229483	GB	UTL	RELATED SEARCHES IN A DATABASE SEARCH SYSTEM	5/18/2001 12/1/2004
1297453	-	1937557	IE	UTL	Method and Apparatus for Identifying Related Searches in a Database Search System	5/18/2001 4/21/2010

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10-0698977	10-2003-0003739	10-2002-7015584	KR	UTL	METHOD AND APPARATUS FOR IDENTIFYING RELATED SEARCHES IN A DATABASE SEARCH SYSTEM	5/18/2001	3/20/2007
10-0719009	-	10-2005-7010269	KR	UTL	Apparatus for Identifying Related Searches in a Database Search System	5/18/2001	5/10/2007
6876997	-	09/575,894	US	UTL	METHOD AND APPARATUS FOR IDENTIFYING RELATED SEARCHES IN A DATABASE SEARCH SYSTEM	5/22/2000	4/5/2005
7657555	US-2005-0240557-A1	11/092,182	US	UTL	METHOD AND APPARATUS FOR IDENTIFYING RELATED SEARCHES IN A DATABASE SEARCH SYSTEM	3/29/2005	2/2/2010
-	WO 2001/90947	US01/18161	WO	UTL	METHOD AND APPARATUS FOR IDENTIFYING RELATED SEARCHES IN A DATABASE SEARCH SYSTEM	5/18/2001	-
7408465	US-2006-0129534-A1	11/013,298	US	UTL	System and Methods for Ranking the Relative Value of Terms in a Multi-Term Search Query Using Deletion Prediction	12/14/2004	7/29/2008
-	WO 2006/065944	PCT/US2005/045329	WO	UTL	System and Methods for Ranking the Relative Value of Terms in a Multi-Term Search Query Using Deletion Prediction	12/14/2005	-
7203747	US 2003-0037093 A1	09/865,988	US	UTL	Load Balancing System and Method in a Multiprocessor System	5/25/2001	4/10/2007
2003204327	-	2003204327	AU	UTL	Method and Apparatus for Categorizing and Presenting Documents of a Distributed Database	5/23/2003	5/29/2008
2429338	-	2429338	CA	UTL	METHOD AND APPARATUS FOR CATEGORIZING AND PRESENTING DOCUMENTS OF A DISTRIBUTED DATABASE	5/22/2003	1/16/2007
-	EP1367509	3253259	EP	UTL	METHOD AND APPARATUS FOR CATEGORIZING AND PRESENTING DOCUMENTS OF A DISTRIBUTED DATABASE	5/23/2003	-
306287	-	306287	FR	UTL	METHOD AND APPARATUS FOR CATEGORIZING AND PRESENTING DOCUMENTS OF A DISTRIBUTED DATABASE	5/7/2003	5/13/2008
10-852034	10-2003-0091751	10-2003-0032717	KR	UTL	Method and Apparatus for Categorizing and Presenting Documents of a Distributed Database	5/23/2003	8/6/2008
7231395	US 2003-0220912 A1	10/155,290	US	UTL	METHOD AND APPARATUS FOR CATEGORIZING AND PRESENTING DOCUMENTS OF A DISTRIBUTED DATABASE	5/24/2002	6/12/2007
8260786	2005/0251496 A1	11/061,974	US	UTL	Method and Apparatus for Categorizing and Presenting Documents of a Distributed Database	2/17/2005	9/4/2012
7792818	US-2006-0285400-A1	11/413,627	US	UTL	METHOD AND APPARATUS FOR CATEGORIZING AND PRESENTING DOCUMENTS OF A DISTRIBUTED DATABASE	4/28/2006	9/7/2010
-	WO 2006/088718	PCT/US2006/004551	WO	UTL	METHOD AND APPARATUS FOR CATEGORIZING AND PRESENTING DOCUMENTS OF A DISTRIBUTED DATABASE	2/9/2006	-

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-	-	60/229,721	US	PRV	System and method of sending chunks of data over wireless devices	8/31/2000 -
7143181	-	09/938,939	US	UTL	System and Method for Sending Chunks of Data over Wireless Devices	8/24/2001 11/28/2006
-	-	60/592,799	US	PRV	Methods and Systems for Use in a Computerized Search-Based Advertising Market	7/30/2004 -
-	2006-0026064 A1	11/026,517	US	UTL	Platform for advertising data integration and aggregation	12/30/2004 -
-	US 2006-0026061 A1	11/026,505	US	UTL	PLATFORM FOR ENABLING AN ONLINE ADVERTISING MARKETPLACE	12/30/2004 -
-	2006-0026060 A1	11/026,496	US	UTL	System and method for provision of advertiser services including client application	12/30/2004 -
-	-	PCT/US2005/027332	WO	UTL	PLATFORM FOR ADVERTISING DATA INTEGRATION AND AGGREGATION	7/29/2005 -
772525	-	49370/99	AU	UTL	A search system and method for retrieval of data, and the use thereof in a search engine	7/9/1999 8/12/2004
P18912015-1	-	P18912015-1	BR	UTL	Search System and Method for Retrieval of Data, and the Use Thereof in a Search Engine	7/9/1999 12/13/2011
2337079	-	2337079	CA	UTL	Search System and Method for Retrieval of Data, and the use Thereof in a Search Engine	7/9/1999 7/4/2006
69930855	-	99933297	DE	UTL	A SEARCH SYSTEM AND METHOD FOR RETRIEVAL OF DATA, AND THE USE THEREOF IN A SEARCH ENGINE	7/9/1999 1/30/2002
1095326	1095326 A1	99933297	EP	UTL	Search System and Method for Retrieval of Data, and the Use Thereof in a Search Engine	7/9/1999 1/30/2002
1095326	-	23754BE/2002	ES	UTL	Search System and Method for Retrieval of Data, and the Use Thereof in a Search Engine	7/9/1999 1/30/2002
1095326	-	99933297	FR	UTL	Search System and Method for Retrieval of Data, and the Use Thereof in a Search Engine	7/9/1999 1/30/2002
1095326	-	99933297	GB	UTL	Search System and Method for Retrieval of Data, and the Use Thereof in a Search Engine	7/9/1999 1/30/2002
202355	-	IN/PCT/2001/144/CHE	IN	UTL	Search System and Method for Retrieval of Data, and the Use Thereof in a Search Engine	7/9/1999 11/3/2006
1095326	-	23754BE/02	IT	UTL	Search System and Method for Retrieval of Data, and the Use Thereof in a Search Engine	7/9/1999 12/20/2001
10-0414236	-	10-2001-700436	KR	UTL	A Search System and Method for Retrieval of Data Search System and Method for Retrieval of Data, and the Use Thereof in a Search Engine	7/9/1999 12/23/2003
77793	-	200006935-1	SG	UTL	Search System and Method for Retrieval of Data, and the Use Thereof in a Search Engine	7/9/1999 12/31/2001
6377945	-	09/486,726	US	UTL	Search System and Method for Retrieval of Data, and the Use Thereof in a Search Engine	3/9/2000 4/23/2002
-	WO 2000/03315	PCT/NO99/00233	WO	UTL	Search System and Method for Retrieval of Data, and the Use Thereof in a Search Engine	7/9/1999 -
7184972	US 2003-0115152 A1	10/022,149	US	UTL	RETAIL COUPON DISTRIBUTION APPARATUS AND METHOD	12/14/2001 2/27/2007
-	-	60/546,693	US	PRV	Computerized Advertising Offer Exchange	2/20/2004 -

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-	2005-0167818 A1	10/783,323	US	UTL	Computerized advertising offer exchange Concept Valuation in A Term-Based Connect Market	2/20/2004 -
-	2014-0122313 A1	14/010,361	US	UTL	Method and System For Blending Search Engine Results From Disparate Sources into One Search Result	8/26/2013 -
10-0776159	-	10-2005-7520296	KR	UTL	Method and System For Blending Search Engine Results From Disparate Sources into One Search Result	4/23/2004 - 11/14/2007
7219090	US-2004-0215807-A1	10/424,171	US	UTL	Method and System For Blending Search Engine Results From Disparate Sources into One Search Result	4/25/2003 - 5/15/2007
-	WO2004/087570	PCT/US2004/012615	WO	UTL	METHOD AND APPARATUS FOR MACHINE LEARNING A DOCUMENT RELEVANCE FUNCTION	4/23/2004 -
7197497	US-2004-0215806 A1	10/424,170	US	UTL	METHOD AND APPARATUS FOR MACHINE LEARNING A DOCUMENT RELEVANCE FUNCTION	4/25/2003 - 3/27/2007
-	US-2004-0215806 A1	PCT/US2004/012613	WO	UTL	METHOD AND APPARATUS FOR EFFICIENT TRAINING OF SUPPORT VECTOR MACHINES	4/25/2004 -
7440944	-	10/949,821	US	UTL	Automated Processing of Appropriateness Determination of Content for Search Listings in Wide Area Network Searches	9/24/2004 - 10/21/2008
2003270465	-	2004270465	AU	UTL	AUTOMATED PROCESSING OF APPROPRIATENESS DETERMINATION OF CONTENT SEARCH LISTINGS IN WIDE AREA NETWORK SEARCHES	9/9/2003 - 1/8/2009
10-0741580	-	10-2005-7004359	KR	UTL	AUTOMATED PROCESSING OF APPROPRIATENESS DETERMINATION OF CONTENT SEARCH LISTINGS IN WIDE AREA NETWORK SEARCHES	9/9/2003 - 7/13/2007
6983280	US-2004-0054661 A1	10/244,051	US	UTL	AUTOMATED PROCESSING OF APPROPRIATENESS DETERMINATION OF CONTENT SEARCH LISTINGS IN WIDE AREA NETWORK SEARCHES	9/13/2002 - 1/3/2008
-	WO/2004/025516	PCT/US03/28323	WO	UTL	System and Method for Influencing a Position on a Search Result List Generated by a Computer Network Search Engine	9/9/2003 -
769955	-	5/171400	AU	UTL	AUTOMATIC FLIGHT MANAGEMENT IN AN ONLINE MARKETPLACE	5/26/2000 - 5/22/2008
2003280436	-	2003280436	AU	UTL	Automatic flight management in an on-line marketplace	1/31/2003 - 5/8/2008
2008229720	-	2008229720	AU	UTL	SYSTEM AND METHOD FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	2/10/2000 - 2/24/2011
2375132	-	2375132	CA	UTL	SEARCH ENGINE	5/26/2000 - 3/22/2011

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2418105	-	2418105	CA	UTL	RECOMMENDING SEARCH TERMS USING COLLABORATIVE FILTERING AND WEB SPIDERING	11/18/2002	7/7/2003
-	-	-	CN	UTL	A algorithm to auto-generate new bidding keyword for advertiser in curveball and moneyball	-	-
215627	2833377	215627	FR	UTL	Recommending Search Terms Using Collaborative Filtering and Web Splicing	12/11/2002	8/19/2013
10-0908754	-	10-2008-30640	KR	UTL	Recommending Search Terms Using Collaborative Filtering and Web Splicing	4/2/2008	7/14/2009
273051	-	PA/2/2010/012340	MX	UTL	System and Method for Influencing a Position on a Search Result List Generated By a Computer Network Search Engine	5/26/2010	1/6/2010
515534	-	515534	NZ	UTL	SYSTEM AND METHOD FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	5/26/2009	12/8/2003
85291	-	200107346-9	SG	UTL	SYSTEM AND METHOD FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	5/26/2009	5/31/2005
6269361	-	09/022,677	US	UTL	SYSTEM AND METHOD FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	5/26/1999	7/31/2001
7092301	2001-0042034	09/311,674	US	UTL	SYSTEM AND METHOD FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	7/24/2001	8/15/2006
8978263	US 2001-0051940 A1	09/672,737	US	UTL	SYSTEM AND METHOD FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	6/1/2001	12/23/2005
7110993	US 2003-0208474 A1	09/316,801	US	UTL	SYSTEM AND METHOD FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	7/25/2001	9/15/2006
6983272	US 2001-0047354 A1	09/318,241	US	UTL	SYSTEM AND METHOD FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	7/30/2001	1/3/2006
7835343	US 2002-0169760 A1	09/322,026	US	UTL	System and Method for Providing Place and Price Protection in a Search Result List Generated by a Computer Network Search Engine	8/3/2001	11/18/2010

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7065500	US 2002-0165849 A1	09/963,855	US	UTL	AUTOMATIC ADVERTISER NOTIFICATION FOR A SYSTEM FOR PROVIDING PLACE AND PRICE PROTECTION IN A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	9/26/2001	6/20/2006
7225182	US 2003-0055816 A1	10/020,712	US	UTL	RECOMMENDING SEARCH TERMS USING COLLABORATIVE FILTERING AND WEB SPIDERING	12/11/2001	5/29/2007
7231358	US 2003-0149622 A1	10/072,220	US	UTL	AUTOMATIC FLIGHT MANAGEMENT IN AN ONLINE MARKETPLACE	2/8/2002	6/12/2007
7499874	2006-0190326 A1	11/318,243	US	UTL	Automatic Flight Management in an Online Marketplace	12/23/2005	3/3/2009
7464079	US-2006-0198404-A1	11/323,729	US	UTL	System and Method for Influencing a Position on a Search Result List Generated by a Computer Network Search Engine	12/19/2005	12/9/2008
7783540	US-2006-0143096-A1	11/359,737	US	UTL	System and Method for Influencing a Position On a Search Result List Generated by a Computer Network Search Engine	2/22/2006	8/24/2010
7702537	2006-0190354 A1	11/409,786	US	UTL	SYSTEM AND METHOD FOR ENABLING MULTI-ELEMENT BIDDING FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	4/24/2006	4/20/2010
7363300	US-2006-0212447-A1	11/438,378	US	UTL	System and Method For Influencing a Position on a Search Result List Generated by a Computer Network Search Engine	5/22/2006	4/22/2008
7603294	20060247981	11/454,751	US	UTL	Automatic Advertiser Notification for a System for Providing Place and Price Protection in a Search Result List Generated by a Computer Network Search Engine	6/15/2006	10/13/2009
7036812	US 2003-0033292 A1	10/061,388	US	UTL	System & Method for Enabling Multi-Element Bidding for Influencing a Position on a Search Result List Generated by a Computer Network Search Engine	2/1/2002	4/25/2006
8015063	2010-0161428 A1	12/713,060	US	UTL	SYSTEM AND METHOD FOR ENABLING MULTI-ELEMENT BIDDING FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	2/25/2010	9/6/2011
8527533	2011-0022623	12/842,541	US	UTL	Keyword Suggestion System for a Computer Network Search Engine	7/23/2010	9/3/2013
-	2013-0346190 A1	13/960,201	US	UTL	System And Method For Influencing A Position On A Search Result List Generated By A Computer Network Search Engine	8/6/2013 -	

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-	WO 2000/73960	US00/14/753	WO	UTL	SYSTEM AND METHOD FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	5/26/2000 -	
-	WO 2003/014865	US02/23502	WO	UTL	SYSTEM AND METHOD FOR PROVIDING PLACE AND PRICE PROTECTION IN A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	7/24/2002 -	
2001/9564	-	2001/9564	ZA	UTL	SYSTEM AND METHOD FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE	5/26/2000	4/30/2003
7251665	-	09/848,982	US	UTL	DETERMINING A KNOWN CHARACTER STRING EQUIVALENT TO A QUERY STRING	5/3/2001	7/31/2007
7162482	-	10/167,807	US	UTL	Information Retrieval Engine	8/11/2002	1/9/2007
7546318	2007-0244890 A1	11/818,297	US	UTL	Determining A Known Character String Equivalent To A Query String	6/14/2007	6/9/2009
7720852	2006-0242193 A1	11/472,792	US	UTL	Information Retrieval Engine	6/22/2006	5/16/2010
8352331	US 2002-0082901 A1	09/846,823	US	UTL	Relationship Discovery Engine	4/30/2001	1/8/2013
8006724	US 2003-0229637 A1	10/401,940	US	UTL	Relationship Discovery Engine	3/26/2003	8/23/2011
-	2013-0317937 A1	13/707,449	US	UTL	Relationship Discovery Engine	12/6/2012 -	
-	-	US01/14072	WO	UTL	Relationship Discovery Engine	5/1/2001 -	
7707221	-	10/406,799	US	UTL	ASSOCIATING AND LINKING COMPACT DISC METADATA	4/2/2003	4/27/2010
7984062	US-2009-0307201-A1	12/480,228	US	UTL	Associating And Linking Compact Disc Metadata	6/8/2009	7/19/2011
-	-	10/730,810	US	UTL	Generating Sequences of Program Items	12/8/2003 -	
-	-	14/527,104	US	UTL	Generating Sequences of Program Items	10/29/2014 -	
8271333	-	10/004,278	US	UTL	Content-Related Wallpaper	10/30/2001	9/18/2012
2466482	-	2466482	CA	UTL	File Splitting, Scalable Coding, And Asynchronous Transmission In Streamed Data Transfer	11/9/2002	8/7/2012
-	2002903194	2803195	EP	UTL	FILE SPLITTING, SCALABLE CODING, AND ASYNCHRONOUS TRANSMISSION IN STREAMED DATA TRANSFER	11/9/2002 -	
-	-	60/337,939	US	PRV	File splitting, scalable coding, and asynchronous transmission in streamed data transfer	11/9/2001 -	
7024485	2003-0177247 A1	10/291,210	US	UTL	SYSTEM FOR CONTROLLING AND ENFORCING PLAYBACK RESTRICTIONS FOR A MEDIA	11/8/2002	4/4/2006
7316899	2005-0187968 A1	11/117,620	US	UTL	A SYSTEM FOR CONTROLLING AND ENFORCING PLAYBACK RESTRICTIONS FOR A MEDIA FILE BY SPLITTING THE MEDIA FILE INTO USABLE AND UNUSABLE PORTIONS FOR PLAYBACK	4/28/2005	1/1/2008

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7975065	2008-0052319 A1	11/932,648	US	UTL	File Splitting, Scalable Coding, and Asynchronous Transmission in Streamed Data Transfer	10/31/2007	7/5/2011
-	WO200342783	PCT/US02/35903	WO	UTL	FILE SPLITTING, SCALABLE CODING, AND ASYNCHRONOUS TRANSMISSION IN STREAMED DATA TRANSFER	11/9/2002 -	
7418390	-	09/717,822	US	UTL	Multi-language System for Online Communications	11/20/2000	8/26/2008
7870001	2008-0270113 A1	12/139,612	US	UTL	Multi-language System for Online Communications	6/16/2006	1/11/2011
7226184	US 2005-0015366 A1	10/633,115	US	UTL	Disambiguation of search phrases using interpretation clusters	7/18/2003	5/29/2007
7734565	US 2004-0141354 A1	10/353,785	US	UTL	QUERY STRING MATCHING METHOD AND APPARATUS	1/28/2003	6/8/2010
8001118	US-2010-0205173-A1	12/765,570	US	UTL	Query String Matching Method and Apparatus	4/22/2010	8/16/2011
7398461	-	10/057,331	US	UTL	METHOD FOR RANKING WEB PAGE SEARCH RESULTS	1/24/2002	7/8/2008
6654813	-	09/374,175	US	UTL	Dynamically categorizing entity information	8/13/1999	11/25/2003
7398266	2004-0267727 A1	10/693,667	US	UTL	Dynamically categorizing entity information	10/24/2003	7/8/2008
6665837	-	09/131,473	US	UTL	Method for identifying related pages in a hyperlinked database	8/10/1998	12/16/2003
7630973	2004-0193636 A1	10/702,116	US	UTL	Method for identifying related pages in a hyperlinked database	11/3/2003	12/8/2009
6701317	-	09/664,617	US	UTL	Web page connectivity server construction	9/19/2000	3/2/2004
7260583	US-2005-0033745-A1	10/737,729	US	UTL	Web Page Connectivity Server Construction	12/16/2003	8/21/2007
7788158	US-2005-0171878-A1	10/770,590	US	UTL	Dynamic Part-Mutual Market	2/3/2004	8/31/2010
-	WO 2005/074557 A2	PCT/US2005/02774	WO	UTL	Dynamic Part-Mutual Market	1/31/2005 -	
6778975	-	09/799,863	US	UTL	Search engine for selecting targeted messages	3/5/2001	8/17/2004
6513032	-	09/429,770	US	UTL	Search and Navigation System and Method Using Category Intersection Pre-Computation	10/28/1999	1/28/2003
-	-	60/847,859	US	PRV	Systems and Methods for Providing Online Protection	1/27/2005 -	
7599966	US-2006-0167852-A1	11/046,501	US	UTL	System and Method for Improving Online Search Engine Results	1/28/2005	10/6/2009
7747648	-	11/058,477	US	UTL	World Modeling Using a Relationship Network With Communication Channels to Entities	2/14/2005	6/29/2010
7702696	-	11/070,724	US	UTL	Database Replication Across Different Database Platforms	3/1/2005	4/20/2010
7630708	US-2006-0205397-A1	11/077,921	US	UTL	Tester for Determining the Validity of a Feature in a Remote Device	3/11/2005	12/8/2009
7536389	20080235567	11/064,278	US	UTL	TECHNIQUES FOR CRAWLING DYNAMIC WEB CONTENT	2/22/2005	5/19/2009
8024384	2009-0198662 A1	12/422,571	US	UTL	Techniques For Crawling Dynamic Web Content	4/13/2009	9/20/2011

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7668808	US-2006-0206474-A1	11/077,968	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	2/23/2010
7792870	US-2007-0112777-A1	11/270,889	US	UTL	Identification and Automatic Propagation of Geo-location Associations to Un-located Documents	11/8/2005	9/7/2010
8412698	-	11/102,185	US	UTL	Customizable Filters for Personalized Search	4/7/2005	4/2/2013
7908249	-	11/105,873	US	UTL	Closed-Loop Feedback Control System for Online Services	4/13/2005	3/15/2011
7577651	US-2006-0248073-A1	11/117,658	US	UTL	Temporal Search Results	4/28/2005	8/18/2009
-	-	60/662,307	US	PRV	Biasing Web Search Results for Topic Familiarity	3/16/2005	-
8095467	US-2006-0212423-A1	11/378,871	US	UTL	System and Method for Biasing Search Results Based on Topic Familiarity	3/16/2006	1/10/2012
7821953	US-2006-0256810	11/129,666	US	UTL	Dynamically Selecting Codecs for Managing an Audio Message	5/13/2005	10/26/2010
7751316	US-2006-0256721-A1	11/128,897	US	UTL	Relay Server for SIP/RTTP Messages with Buffer Management	5/13/2005	7/6/2010
8107495	US-2006-0256818	11/129,668	US	UTL	Integrating Access to Audio Messages and Instant Messaging with VoIP	5/13/2005	1/31/2012
7313133	US-2006-0268828-A1	11/128,519	US	UTL	Selecting a Network Based on Metrics for Real Time Communication	5/12/2005	12/25/2007
7313134	US-2006-0256771	11/128,634	US	UTL	Proxy Server for Relaying VoIP Messages	5/12/2005	12/25/2007
2374699	2374699	215574	GB	UTL	Content collection	12/12/2000	7/14/2004
GB2362974	-	119648	GB	UTL	Web Server Content Replication	1/25/2000	12/17/2003
2363494	-	119649	GB	UTL	Web Server Content Replication	1/25/2000	10/15/2003
10-0729288	-	10-2001-7009535	KR	UTL	Web Server Content Replication	1/25/2000	6/11/2007
10-0729287	-	10-2001-7009528	KR	UTL	Web Server Content Replication	1/25/2000	6/11/2007
-	-	60/117,674	US	PRV	Content Collection	1/28/1999	-
7356569	-	11/197,756	US	UTL	Content Collection	8/4/2005	4/8/2008
7581006	20060031188	09/086,821	US	UTL	web service	5/29/1998	8/25/2009
7035943	US 2003-0041093 A1	09/376,017	US	UTL	Web Server Content Replication	8/19/1999	4/25/2006
6976093	US 2003-0041094 A1	09/377,611	US	UTL	Web Server Content Replication	8/19/1999	12/13/2005
8108347	US-2006-0031188-A1	11/198,923	US	UTL	Web Server Content Replication	8/5/2005	1/31/2012
7143193	-	09/532,483	US	UTL	Content Collection	12/13/1999	11/28/2008
-	WO0142990A2	PCT/US2000/01837	WO	UTL	Web Server Content Replication	1/25/2000	-
-	-	PCT/US2000/42745	WO	UTL	Content Collection	12/12/2000	-
-	-	PCT/US00/01897	WO	UTL	Web Server Content Replication	1/25/2000	-
-	-	60/681,085	US	PRV	ENABLING RENT/BUY REDIRECTION IN AN INVITATION TO AN ONLINE SERVICE	5/13/2005	-
7587502	US-2006-0258460	11/383,180	US	UTL	ENABLING RENT/BUY REDIRECTION IN INVITATION TO AN ONLINE SERVICE	5/12/2006	9/8/2009
8108515	2009-0019154	12/234,532	US	UTL	Enabling Rent/Buy Redirection in Invitation To An Online Service	9/19/2008	1/31/2012

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7778407	US-2006-0256776	11/131,459	US	UTL	STATISTICAL APPROACH TO AUTOMATIC GAIN CONTROL FOR MANAGING AUDIO MESSAGES OVER A NETWORK	5/16/2005	8/17/2010
7685197	US-2006-0253437-A1	11/122,780	US	UTL	System and Methods for Identifying the Potential Advertising Value of Terms Found on Web Pages	5/5/2005	3/23/2010
-	-	60/680,545	US	PRV	SYSTEM, METHOD AND FRAMEWORK FOR UNIVERSAL ACCESS TO CONTENT AND SERVICES	5/11/2005	-
7770229	US-2006-0259982-A1	11/322,661	US	UTL	System and Method for the Propagation of DRM Protected Content	12/30/2005	8/3/2010
7680804	20070156719	11/473,727	US	UTL	System And Method For Navigating And Indexing Content	6/22/2006	3/16/2010
-	-	60/671,642	US	PRV	DISTRIBUTED COMPUTATION FRAMEWORK THE PIPELET APPLICATION PROGRAMMING INTERFACE	4/15/2005	-
-	-	60/671,569	US	PRV	DISTRIBUTED COMPUTATION FRAMEWORK THE PIPELET APPLICATION PROGRAMMING INTERFACE	4/15/2005	-
8151282	US-2007-0011437-A1	11/406,069	US	UTL	System and Method for Pipeline Processing of Data Sets	4/17/2006	4/3/2012
-	-	60/680,348	US	PRV	EFFICIENT METHOD FOR BUILDING SUPPORT VECTOR MACHINES WITH REDUCED CLASSIFIER COMPLEXITY	5/12/2005	-
7630945	US-2007-0011110-A1	11/432,764	US	UTL	EFFICIENT METHOD FOR BUILDING SUPPORT VECTOR MACHINES WITH REDUCED CLASSIFIER COMPLEXITY	5/10/2006	12/8/2009
7828965	US-20060287810-A1	11/156,169	US	UTL	VECTOR MACHINES WITH REDUCED CLASSIFIER COMPLEXITY	5/16/2005	11/2/2010
-	-	60/685,111	US	PRV	SYSTEMS AND METHODS FOR DETERMINING A RELEVANCE RANK FOR A POINT OF INTEREST	5/27/2005	-
7797287	US-2007-0011161-A1	11/444,141	US	UTL	USER INTERFACE FOR NAVIGATING A KEYWORD SPACE	5/30/2006	9/14/2010
8056634	2010-0318513	12/861,382	US	UTL	USER INTERFACE FOR NAVIGATING A KEYWORD SPACE	8/23/2010	11/8/2011
8359295	2012-0041961	13/282,559	US	UTL	User interface for navigating a keyword space	10/27/2011	1/22/2013
-	-	60/685,252	US	PRV	SYSTEMS AND METHODS FOR CREATING AND EDITING A TRAVEL GUIDE	5/27/2005	-
8625370	US-2006-0271277-A1	11/263,623	US	UTL	Interactive Map-Based Travel Guide	10/28/2005	9/2/2014
7594258	US-2006-0294192 A1	11/169,178	US	UTL	Access control systems and methods using webkit tokens with automatic propagation	6/27/2005	9/22/2009
-	52/2006	471/KOL/2005	IN	UTL	RECORD BOUNDARY IDENTIFICATION AND EXTRACTION THROUGH PATTERN MINING	6/3/2005	-
-	-	-	IN	UTL	RECORD BOUNDARY IDENTIFICATION AND EXTRACTION THROUGH PATTERN MINING	-	-

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7606818	US-2007-0027882-A1	11/192,620	US	UTL	Record Boundary Identification And Extraction Through Pattern Mining	7/28/2005	10/20/2009
-	-	60/691,458	US	PRV	System and Method for Providing Features and User Interface in Network Browsing Application	5/17/2005	-
-	US-2006-0266518-A1	11/261,672	US	UTL	Systems and Methods for Improving Access to Syndication Feeds in Network Browsing Applications	10/31/2005	-
7958446	US-2006-0265652-A1	11/261,675	US	UTL	Systems and Methods for Language Translations in Network Browsing Applications	10/31/2005	6/7/2011
7610267	-	11/203,892	US	UTL	Unsupervised, Automated Web Host Dynamically Detection, Dead Link Detection And Prerequisite Page Discovery For Search Indexed Web Pages	8/13/2005	10/27/2009
8384658	US-2009-0077072-A1	12/272,545	US	UTL	User Entertainment And Engagement Enhancements To Search System	11/17/2008	1/29/2013
-	-	60/693,735	US	PRV	DYNAMIC BLOOM FILTER FOR CACHING QUERY RESULTS	6/24/2005	-
7548908	US-2006-0294311-A1	11/475,427	US	UTL	Dynamic Bloom Filter For Caching Query Results	6/26/2006	6/16/2009
7631045	US-2007-0028293-A1	11/182,313	US	UTL	CONTENT ROUTER ASYNCHRONOUS EXCHANGE	7/14/2006	12/8/2009
7788352	US-2007-0016676-A1	11/182,348	US	UTL	SYSTEM AND METHOD FOR SERVICING A USER DEVICE	7/14/2006	8/31/2010
7623515	US-2007-0014300-A1	11/182,268	US	UTL	CONTENT ROUTER NOTIFICATION	7/14/2006	11/24/2009
8112549	US-2007-0014244-A1	11/183,137	US	UTL	An Alert Mechanism for Notifying Multiple User Devices Sharing A Connected-Data-Set	7/14/2005	2/7/2012
8417782	US-2007-0016646-A1	11/182,664	US	UTL	Universal Calendar Event Handling	7/14/2005	4/9/2013
-	-	60/695,239	US	PRV	SEARCH ENGINE WITH AUGMENTED RELEVANCE RANKING BY COMMUNITY PARTICIPATION	6/28/2005	-
8086605	US-2007-0112761-A1	11/478,291	US	UTL	SEARCH ENGINE WITH AUGMENTED RELEVANCE RANKING BY COMMUNITY PARTICIPATION	6/28/2006	12/27/2011
8442978	US-2006-0294134-A1	11/498,637	US	UTL	Trust Propagation Through Both Explicit and Implicit Social Networks	8/2/2006	5/14/2013
7634466	US-2006-0294086-A1	11/498,766	US	UTL	Realtime Indexing and Search in Large, Rapidly Changing Document Collections	8/2/2006	12/15/2009
7647306	20080168117	11/498,862	US	UTL	Using Community Annotations as Anchor text Search engine with augmented relevance ranking by community participation	8/2/2006	1/12/2010
8521734	2012-0223161 A1	12/193,077	US	UTL	Trust Propagation Through Both Explicit and Implicit Social Networks	7/28/2011	8/27/2013
-	2013-02226918 A1	13/859,208	US	UTL	Smart Abstracts In Web Search	4/9/2013	-
-	-	60/411,533	US	PRV	Smart Abstracts In Web Search	9/17/2002	-

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7406458	-	10/365,273	US	UTL	Generating Descriptions Of Matching Resources Based On The Kind, Quality, And Relevance Of Available Sources Of Information About The Matching Resources	2/11/2003	7/29/2008
8745644	US-2008-0270394A1	12/172,185	US	UTL	Generating Descriptions Of Matching Resources Based On The Kind, Quality And Relevance Of Available Sources Of Information About The Matching Resource	7/11/2008	6/3/2014
-	2014-0280229 A1	14/294,515	US	UTL	Generating Descriptions Of Matching Resources Based On The Kind, Quality, And Relevance Of Available Sources Of Information About The Matching Resources	6/3/2014 -	-
-	-	15/040,779	US	UTL	Generating Descriptions Of Matching Resources Based On The Kind, Quality, And Relevance Of Available Sources Of Information About The Matching Resources	2/10/2016 -	-
1264675	-	93111782	TW	UTL	Improved graphical user interface for search and system and method for providing the same	4/27/2004	5/21/2012
-	-	60/466,999	US	PRV	A system and method for providing an improved graphical user interface for web search	4/30/2003 -	-
7337185	US 2005-0050024 A1	10/783,862	US	UTL	A system and method for providing an improved graphical user interface for search	2/20/2004	2/26/2008
7908369	2008-0010607 A1	11/859,357	US	UTL	A System And Method For Providing An Improved Graphical User Interface For Search	9/21/2007	3/15/2011
6873896	2004-0210600 A1	10/417,709	US	UTL	Affinity Analysis Method and Article of Manufacture	4/16/2003	3/29/2005
-	WO 2004/095178	PCT/US2004/011772	WO	UTL	Affinity Analysis Method and Article of Manufacture Apparatus and method for abstracting markup language documents	4/16/2004 -	-
6356633	-	09/232,117	US	UTL	Associating Product Offerings with Product Abstractions	1/15/1999	3/19/2002
8868554	-	10/788,537	US	UTL	Product Data Classification	2/26/2004	10/21/2014
7672877	-	10/789,837	US	UTL	Scoring Mechanism Selection Among Multiple Dimensions	2/26/2004	3/2/2010
7358898	-	10/789,839	US	UTL	AUCTION REDEMPTION SYSTEM AND METHOD	2/26/2004	4/15/2008
7461022	20050267834	09/422,114	US	UTL	AUCTION REDEMPTION SYSTEM AND METHOD	10/20/1999	12/2/2008
-	-	PCT/US00/28816	WO	UTL	Centralized feed manager	10/17/2000 -	-
7177931	2003-0208598 A1	09/872,635	US	UTL	Centralized feed manager	5/31/2001	2/13/2007
7792926	2007-0056779 A1	11/593,365	US	UTL	Centralized feed manager	11/6/2006	9/7/2010
8135805	2011-0153774	12/874,054	US	UTL	Centralized feed manager	9/1/2010	3/13/2012
8392536	2012-0166573	13/415,413	US	UTL	Consistent Data Storage In An Object Cache	3/8/2012	3/5/2013
6128627	-	09/060,974	US	UTL	Delivering Alternate Versions Of Objects From An Object Cache	4/15/1998	10/3/2000
6289358	-	09/060,987	US	UTL	Object Cache	4/15/1999	9/11/2001

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7359893	US-2005-0222966-A1	10/815,450	US	UTL	Delivering Items Based on Links to Resources Associated with Search Results	3/31/2004	4/15/2008
6564208	-	09/513,238	US	UTL	Delivering Non-Default Items in Association with Search Results	2/24/2000	5/13/2003
6711567	US-2003-0120646-A1	10/365,838	US	UTL	Delivering Non-Default Items in Association with Search Results	2/12/2003	3/23/2004
7533414	-	10/803,473	US	UTL	Detecting System Abuse	3/17/2004	5/12/2009
738648	-	69915,98	AU	UTL	Dynamic Page Generator	6/4/1998	1/3/2002
69831904	-	98304652	DE	UTL	Dynamic Page Generator	6/12/1998	10/19/2005
889421	EP0889421	98304652	EP	UTL	Dynamic Page Generator	6/12/1998	10/19/2005
883421	-	98304652	FR	UTL	Dynamic Page Generator	6/12/1998	10/19/2005
889421	-	98304652	GB	UTL	Dynamic Page Generator	6/12/1998	10/19/2005
330448	-	330448	NZ	UTL	Dynamic Page Generator	5/18/1998	5/12/2000
5983227	-	08/873,975	US	UTL	Dynamic Page Generator	6/12/1997	11/9/1999
7171414	-	09/393,718	US	UTL	Dynamic Page Generator	9/10/1999	1/30/2007
7553559	US-2007-0118796A1	11/656,696	US	UTL	Dynamic Page Generator	1/22/2007	7/21/2009
8352954	US-2008-0028295-A1	11/842,095	US	UTL	Dynamic Page Generator	8/20/2007	1/8/2013
-	2008-0046836-A1	11/933,135	US	UTL	Dynamic Page Generator	10/31/2007	-
-	2013-1079277-A1	13/724,453	US	UTL	Dynamic Page Generator	12/21/2012	-
-	WO9857276	PCT/US98/09782	WO	UTL	Dynamic Page Generator	5/12/1998	-
60149446	-	1992942	DE	UTL	Cooperative Management Of Distributed Network Caches	10/31/2001	7/8/2015
1340152	1340152	1992942	EP	UTL	Cooperative Management Of Distributed Network Caches	10/31/2001	7/8/2015
-	-	60/245,007	US	PRV	Methods for Aggregated Management of Distributed Network Cache	11/1/2000	-
7117282	US-2002-0107944-A1	10/017,997	US	UTL	Cooperative Management of Distributed Network Caches	10/30/2001	10/3/2006
7203754	US-2005-0193131-A1	11/071,415	US	UTL	Cooperative Management of Distributed Network Caches	3/2/2005	4/10/2007
-	WO/2002/037296	PCT/US01/45425	WO	UTL	Aggregated Management of Distributed Network Caches	10/31/2001	-
7186935	20030007488	09/887,810	US	UTL	Efficient Data Transmission Based On A Policy	5/17/2002	11/14/2006
6209003	-	09/061,136	US	UTL	Garbage Collection in An Object Cache	7/17/1998	3/27/2001
60235666	-	2250510	DE	UTL	High Performance Client-Server Communication System	1/25/2002	3/17/2010
1227638	EP1227638	2250510	EP	UTL	High Performance Client-Server Communication System	1/25/2002	3/17/2010
1227638	-	2250510	FR	UTL	High Performance Client-Server Communication System	1/25/2002	3/17/2010
1227638	-	2250510	GB	UTL	High Performance Client-Server Communication System	1/25/2002	3/17/2010
10-0856515	-	10-2002-0004145	KR	UTL	High Performance Client-Server Communication System	1/24/2002	8/28/2008
7325030	US-2002-0099768-A1	09/770,762	US	UTL	High Performance Client-Server Communication System	1/25/2001	1/29/2008

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7103671	US 2003-0177233 A1	10/100,517	US	UTL	PROXY CLIENT-SERVER COMMUNICATION SYSTEM Automatically Generating A Search Result in A Separate Window For A Displayed Symbol That Is Selected With A Drag And Drop Control	3/14/2002	9/5/2006
7827503	US-2007-0028284-A1	11/190,685	US	UTL	Intelligent Text-to-Speech Synthesis	7/27/2005	11/2/2010
BR9911315A	-	P19911315-5	BR	UTL	Intelligent text-to-speech synthesis	6/14/1999	12/25/2012
699302820	-	1086450	DE	UTL	Intelligent text-to-speech synthesis	6/14/1999	8/16/2006
1086450	-	99930238	EP	UTL	Intelligent text-to-speech synthesis	6/14/1999	8/16/2006
1086450	-	99930238	FR	UTL	Intelligent text-to-speech synthesis	6/14/1999	8/16/2006
1086450	-	99930238	GB	UTL	Intelligent text-to-speech synthesis	6/14/1999	8/16/2006
10-759651	-	10-2000-7014411	KR	UTL	Intelligent Text-to-Speech Synthesis	6/14/1999	9/11/2007
6446040	-	09/098,659	US	UTL	Intelligent text-to-speech synthesis	6/17/1998	9/3/2002
-	WO 1999/066496	PCT/US99/13329	WO	UTL	Intelligent text-to-speech synthesis	6/14/1999	-
6556563	-	09/658,781	US	UTL	Intelligent Voice Bridging	9/11/2000	4/29/2003
6567419	-	09/658,802	US	UTL	Intelligent Voice Converter	9/11/2000	5/20/2003
7327696	-	10/402,637	US	UTL	Intelligent Voice Converter	3/27/2003	2/5/2008
6676830	US20050198068-A1	10/794,006	US	UTL	Keyword Recommendation for Internet Search Engines	3/4/2004	3/18/2014
7840646	US-2005-008080872	10/882,636	US	UTL	Learned Upload Time Estimate Module	10/8/2003	11/23/2010
6676161	-	09/305,684	US	UTL	Managing Changes to a Directory of Electronic Documents	5/4/1999	1/6/2004
6941302	-	10/841,483	US	UTL	Managing Changes to a Directory of Electronic Documents	8/14/2003	9/6/2005
6980786	-	09/659,233	US	UTL	Message Store Architecture	9/11/2000	6/17/2003
7228317	-	10/174,795	US	UTL	Method and Apparatus for Accelerating and Improving Access to Network Files	6/18/2002	6/5/2007
60296427	-	2736934	DE	UTL	Method and Apparatus for Accessing Targeted, Personalized Voice/ Audio Web Content Through Wireless Devices	5/15/2002	5/19/2010
1389096	WO 2002/093431	2736934	EP	UTL	Method and Apparatus for Accessing Targeted, Personalized Voice/ Audio Web Content Through Wireless Devices	5/15/2002	5/19/2010
1386096	-	2736934	GB	UTL	Method and Apparatus for Accessing Targeted, Personalized Voice/ Audio Web Content Through Wireless Devices	5/15/2002	5/19/2010
10-0837985	-	10-2003-7014909	KR	UTL	Method and Apparatus for Accessing Targeted, Personalized Voice/ Audio Web Content Through Wireless Devices	5/15/2002	6/5/2008
6728731	-	09/858,853	US	UTL	Method and Apparatus for Accessing Targeted, Personalized Voice/ Audio Web Content Through Wireless Devices	5/15/2001	4/27/2004
7206745	20040225685	10/796,829	US	UTL	Method and Apparatus for Accessing Targeted, Personalized Voice/ Audio Web Content Through Wireless Devices	3/8/2004	4/17/2007

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-	-	PCT/US02/15633	WO	UTL	Method and Apparatus for Accessing Targeted, Personalized Voice/ Audio Web Content Through Wireless Devices	5/15/2002 -	
7673062	-	10/715,694	US	UTL	Method and Apparatus for Assisting with Playback of Remotely Stored Media Files	11/19/2003	3/2/2010
7590711	US-2007-0192445-A1	11/787,581	US	UTL	Method and Apparatus for Assisting with Playback of Remotely Stored Media Files	4/17/2007	9/15/2009
8775659	2010-0185729 A1	12/701,089	US	UTL	Method And Apparatus For Assisting With Playback Of Remotely Stored Media Files	2/5/2010	7/8/2014
-	2014-0297808 A1	14/170,379	US	UTL	Method And Apparatus For Assisting With Playback Of Remotely Stored Media Files	1/31/2014 -	
8442606	-	09/374,315	US	UTL	Method and Apparatus For Identifying Spoof Documents	8/12/1999	8/27/2002
6990626	-	09/333,121	US	UTL	Method and Apparatus for Measuring Similarity Among Electronic Documents	6/14/1999	1/24/2006
-	-	60/685,660	US	PRV	A matching pursuit approach to sparse gaussian process regression	5/26/2005 -	
7486549	US-2006-0271532-A1	11/282,306	US	UTL	A matching pursuit approach to sparse gaussian process regression	11/18/2005	2/24/2009
6360215	-	09/166,058	US	UTL	Method and Apparatus for Retrieving Documents Based on Information Other Than Document Content	11/3/1998	3/19/2002
1231719	200422878	92121381	TW	UTL	Method and Apparatus for Search Ranking Using Human Input and Automated Ranking	8/5/2003	10/11/2010
7599911	US 20040024752 A1	10/213,353	US	UTL	Method and Apparatus for Search Ranking Using Human Input and Automated Ranking	8/5/2002	10/6/2009
68833565	-	98860236	DE	UTL	Method and Apparatus to connect a General Purpose Computer to a Special Purpose System	11/16/1998	2/22/2006
1029294	-	98860236	EP	UTL	Method and Apparatus to connect a General Purpose Computer to a Special Purpose System	11/16/1998	2/22/2006
1029294	-	98860236	ES	UTL	Method and Apparatus to connect a General Purpose Computer to a Special Purpose System	11/16/1998	2/22/2006
212026	-	4686	MX	UTL	Method and Apparatus to connect a General Purpose Computer to a Special Purpose System	11/16/1998	12/11/2002
6108696	-	08/970,735	US	UTL	Method and Apparatus to connect a General Purpose Computer to a Special Purpose System	11/14/1997	8/22/2000
6216157	-	09/098,670	US	UTL	Method and Apparatus for a Client-Server System with Heterogenous Clients	6/17/1998	4/10/2001
-	1999/26169	PCT/US98/24480	WO	UTL	Method and Apparatus to connect a General Purpose Computer to a Special Purpose System	11/16/1998 -	
-	1999/66673	PCT/US99/12955	WO	UTL	Method and Apparatus for a Client-Server System with Heterogenous Clients	6/11/1999 -	
-	2000/67149	PCT/US00/11780	WO	UTL	Method and Apparatus for Reformatting Web Pages	5/1/2000 -	

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7051119	US-2003-0014479 A1	09/904,300	US	UTL	METHOD AND SYSTEM FOR ENABLING A SCRIPT ON A FIRST COMPUTER TO COMMUNICATE AND EXCHANGE DATA WITH A SCRIPT ON A SECOND COMPUTER OVER A NETWORK	7/12/2001	5/23/2006
7650378	US-2006-011707-A1	11/337,128	US	UTL	Method And System For Enabling A Script On A First Computer To Communicate And Exchange Data With A Script On A Second Computer Over A Network	1/19/2006	1/19/2010
7016307	US20050201230 A1	10/797,966	US	UTL	Method And System For Finding A Friend In A Social Network	3/11/2004	3/21/2006
6314463	-	09/087,253	US	UTL	Method and System for Measuring Queue Length and Delay	5/29/1998	11/6/2001
-	-	60/494,691	US	PRV	Method and system of providing customizable buttons	8/12/2003	-
7793227	2005-0039144-A1	10/794,435	US	UTL	Method and System for Providing Customizable Buttons	3/5/2004	9/7/2010
7890961	US-2005-0050547 A1	10/652,607	US	UTL	Method and Apparatus for Providing Desktop Application Functionality in a Client/Server Architecture	8/29/2003	2/15/2011
10-0865443	-	10-2007-7009601	KR	UTL	Method for Providing a Clip for Viewing at a Remote Device	11/17/2004	10/20/2008
8112548	US-2006-0085731-A1	10/951,982	US	UTL	Method for Providing a Clip for Viewing at a Remote Device	9/28/2004	2/7/2012
-	WO 2006/036166	PCT/US2004/038699	WO	UTL	Method for Providing a Clip for Viewing at a Remote Device	11/17/2004	-
7584267	2007/0043832	11/209,399	US	UTL	Scalable Specification of Page Flows	8/22/2005	9/1/2009
6993590	-	09/484,581	US	UTL	Method of Creating Data Streams For User-Specific Usage Data Gathering Systems	1/13/2000	1/31/2006
6151624	-	09/017,817	US	UTL	Navigating Network Resources Based on Metadata	2/3/1998	11/21/2000
7424617	20040193489	10/751,038	US	UTL	Offline-Online Incentive Points System and Method Predicting Inventory Availability And Prioritizing The Serving Of Competing Advertisements Based On Contract Value	12/31/2003	9/9/2008
7896077	US-2005-0203796-A1	10/799,046	US	UTL	PROVIDING INSTANT MESSAGING FUNCTIONALITY IN NON-INSTANT MESSAGING ENVIRONMENTS	3/11/2004	2/22/2011
10-953617	-	10-2004-7011385	KR	UTL	PROVIDING INSTANT MESSAGING FUNCTIONALITY IN NON-INSTANT MESSAGING ENVIRONMENTS	1/16/2003	4/12/2010
7369943	20030140103 A1	10/057,735	US	UTL	Providing instant messaging functionality in non-instant messaging environments	1/22/2002	4/15/2008
-	WO 03/063,524	PCT/US03/01572	WO	UTL	PROVIDING INSTANT MESSAGING FUNCTIONALITY IN NON-INSTANT MESSAGING ENVIRONMENTS	1/18/2003	-
7257546	US 2003-0046159 A1	09/246,772	US	UTL	Safe Advertising Campaign Aggregation System	9/4/2001	8/14/2007

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7343374	US-2005-0216633-A1	10/812,719	US	UTL	SEARCH USING PERSONALIZED BOOKMARK PROCESSING	3/29/2004	3/11/2008
8396572	US 2005-0049915 A1	10/648,599	US	UTL	Selecting Among Advertisement Competing for a Slot Associated With Electronic Content Delivered Over a Network	8/25/2003	2/19/2013
6308214	-	09/159,468	US	UTL	Self-Tuning Dataflow I/O Core	9/23/1998	10/23/2001
6848005	-	09/829,873	US	UTL	Self-Tuning Data Flow I/O Core	4/9/2001	1/25/2005
7325204	2005/0060664	10/651,477	US	UTL	Slideout Windows	8/29/2003	1/29/2008
7685041	-	10/935,885	US	UTL	Spike Filter for Financial Data Represented as Discrete-Valued Time Series	9/8/2004	3/23/2010
7546249	US20020133999A1	09/778,666	US	UTL	System and Method for Managing Advertising Inventory to Maximize Advertising Revenue	2/6/2001	6/9/2009
-	WO 02/063433	PCT/US02/03806	WO	UTL	System and Method for Managing Advertising Inventory to Maximize Advertising Revenue	2/6/2002	-
10-0826864	-	10-2004-7013666	KR	UTL	System and Method for Mobile Electronic Messaging	2/26/2003	4/25/2008
-	-	60/361,239	US	PRV	SYSTEM AND METHOD FOR MOBILE ELECTRONIC MESSAGING	3/1/2002	-
6813489	-	10/375,335	US	UTL	SYSTEM AND METHOD FOR MOBILE ELECTRONIC MESSAGING	2/26/2003	11/2/2004
-	WO/2003/075123	PCT/US03/06052	WO	UTL	SYSTEM AND METHOD FOR PROVIDING A WEBPAGE	2/26/2003	-
7111229	US 2005-0022128 A1	10/607,452	US	UTL	System and Method for Providing Automobile Marketing Research Information	6/25/2003	9/19/2006
7739142	US-2005-0256755-A1	10/847,838	US	UTL	System and Method for Search Query Processing Using Trend Analysis	5/17/2004	6/15/2010
10-1031449	2007-0007031	10-2006-7011525	KR	UTL	System and Method for Search Query Processing Using Trend Analysis	11/12/2004	4/19/2011
7240049	20050102259	10/712,307	US	UTL	System and Method for Search Query Processing Using Trend Analysis	11/12/2003	7/3/2007
7562076	US-2007-0226198-A1	11/755,658	US	UTL	System and Method for Search Query Processing Using Trend Analysis	5/30/2007	7/14/2009
-	WO 2005/050367 A2	PCT/US2004/037571	WO	UTL	Using Trend Analysis	11/12/2004	-
-	-	60/469,496	US	PRV	System and method of outdoor advertising	5/9/2003	-
-	-	80/515,322	US	PRV	Display system and method	10/28/2003	-
-	-	80/520,210	US	PRV	Method and System for Serving Advertisements	11/14/2003	-
-	2005-0144073 A1	10/928,532	US	UTL	Method and System for Serving Advertisements EMPLOYING PARTIAL EVALUATION TO PROVIDE A PAGE	8/26/2004	-
8046678	2007/0044016	11/209,249	US	UTL	Systems and Methods for Identifying and Extracting Data from HTML Pages	8/22/2005	10/25/2011
6920609	-	09/645,479	US	UTL	Targeted Advertisements Using Time-Dependent Key Search Terms	8/24/2000	7/19/2005
7007074	US 2003-0050863 A1	09/950,567	US	UTL		9/10/2001	2/28/2006

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7487455	US2005-0235219	10/22/2013	US	UTL	Techniques for Simultaneously Displaying a Background Page and an Interactive Component Page in an Application Program	4/19/2004	2/3/2009
7464020	-	10/27/2006	US	UTL	Visibly Distinguishing Portions of Compound Words	9/24/2003	12/9/2008
7747428	-	10/27/2006	US	UTL	Visibly Distinguishing Portions of Compound Words	9/24/2003	6/29/2010
7095733	-	09/28/2007	US	UTL	Voice Integrated VOIP System	9/11/2000	8/22/2006
7760705	US-2005-011439-A1	10/25/2002	US	UTL	Voice Integrated VOIP System	9/29/2004	7/20/2010
7509397	-	09/24/2006	US	UTL	Web Portals: Using Web Proxies to Capture and Enhance Display Real Estate	4/6/2000	3/24/2009
6912534	20020042823	09/29/2007	US	UTL	Web Service	8/15/2001	6/28/2005
6377984	-	09/23/2004	US	UTL	A Web Crawler System using parallel Queues for Queuing Data Sets Having Common Address and Concurrently Downloading Data Associated with Data Set in Each Queue	11/21/1999	4/23/2002
6735585	-	09/23/2004	US	UTL	METHOD FOR SEARCH ENGINE GENERATING SUPPLEMENTED SEARCH NOT INCLUDED IN CONVENTIONAL SEARCH RESULT	8/12/1999	5/11/2004
6073135	-	09/03/2005	US	UTL	IDENTIFYING ENTITY DATA RELATED TO PORTION OF LOCATED WEB PAGE	3/10/1996	6/6/2000
2002233085	-	2002233085	AU	UTL	CONNECTIVITY SERVER	2/11/2002	11/17/2005
2005229711	-	2005229711	AU	UTL	INFORMATION RETRIEVAL SYSTEM AND METHOD EMPLOYING SPATIALLY SELECTIVE FEATURES	11/4/2005	5/22/2008
2406946	-	2406946	CA	UTL	Information Retrieval System and Method Employing Spatially Selective Features	2/11/2002	6/16/2009
10290956	-	10290956	DE	UTL	INFORMATION RETRIEVAL SYSTEM AND METHOD EMPLOYING SPATIALLY SELECTIVE FEATURES	2/11/2002	6/11/2011
7707140	US 2004-0073538 A1	10/26/2007	US	UTL	INFORMATION RETRIEVAL SYSTEM AND METHOD EMPLOYING SPATIALLY SELECTIVE FEATURES	10/9/2002	4/27/2010
-	-	PCT/CA02/00144	WO	UTL	INFORMATION RETRIEVAL SYSTEM AND METHOD EMPLOYING SPATIALLY SELECTIVE FEATURES	2/11/2002	-
6301614	-	09/23/2008	US	UTL	SYSTEM AND METHOD FOR EFFICIENT REPRESENTATION OF DATA SET ADDRESSES IN A WEB CRAWLER	11/21/1999	10/9/2001
6266006	-	09/30/2007	US	UTL	Method and Apparatus for Finding Mirrored Hosts by Analyzing URLs	5/7/1999	9/4/2001

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5915251	-	09/054,445	US	UTL	Method and Apparatus For Generating And Searching Range-Based Index Of Word Locations	4/3/1996	6/22/1999
6487555	-	09/307,153	US	UTL	Method And Apparatus for Mirrored Host by Analyzing Connectivity And IP Address	5/7/1999	11/26/2002
6560600	-	09/696,922	US	UTL	Method and Apparatus for ranking web page search results	10/25/2000	5/6/2003
6871202	US 2004-011412 A1	10/431,644	US	UTL	Method and apparatus for ranking web page search results	5/6/2003	3/22/2005
7620622	-	09/802,114	US	UTL	Method and system for indexing information and providing results for a search including objects having predetermined attributes	3/8/2001	11/17/2009
8171010	US 2010-0042594-A1	12/561,278	US	UTL	Method and system for indexing information and providing results for a search including objects having predetermined attributes	10/19/2009	5/1/2012
9031942	2012-0246151	13/433,902	US	UTL	Method and System for Indexing Information and Providing Results for a Search Including Objects Having Predetermined Attributes	3/29/2012	5/12/2015
-	2014-0195523 A1	14/205,908	US	UTL	METHOD AND SYSTEM FOR OPTIMUM PLACEMENT OF ADVERTISEMENTS ON A WEBPAGE	3/12/2014	-
6907666	-	09/285,929	US	UTL	METHOD AND SYSTEM FOR OPTIMUM PLACEMENT OF ADVERTISEMENTS ON A WEBPAGE	4/2/1999	6/14/2005
7100111	US 2009-0149937 A1	10/366,802	US	UTL	Method and System for Optimum Placement of Advertisements on a Webpage	2/14/2003	8/29/2006
7373599	US 2003-0149938 A1	10/366,853	US	UTL	Method For Optimum Placement Of Advertisements On A Webpage	2/14/2003	5/13/2008
9076162	2008-0097834 A1	11/963,551	US	UTL	Method For Optimum Placement Of Advertisements On A Webpage	12/21/2007	7/7/2015
-	2011-0264510 A1	13/175,023	US	UTL	Method For Optimum Placement of Advertisements On A Webpage	7/1/2011	-
-	2011-0264509 A1	13/175,014	US	UTL	Method For Optimum Placement of Advertisements On A Webpage	7/1/2011	8/27/2013
8521588	2011-0276411 A1	13/175,037	US	UTL	Method and System for Optimum Placement of Advertisements on a Webpage	9/13/2012	-
-	2013-0041765 A1	13/614,947	US	UTL	Method and System for Optimum Placement of Advertisements on a Webpage	9/14/2012	-
-	2013-0047062 A1	13/616,711	US	UTL	Method and System for Optimum Placement of Advertisements on a Webpage	9/14/2012	-
-	2013-0047063 A1	13/617,588	US	UTL	Method and System for Optimum Placement of Advertisements on a Webpage	9/14/2012	-
-	2013-0047076 A1	13/617,647	US	UTL	Method and System for Optimum Placement of Advertisements on a Webpage	9/14/2012	-

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6119124	-	09/08/650	US	UTL	Method For Clustering Closely-resembling Data Objects	3/26/1998	9/12/2000
6348393	-	09/62,017	US	UTL	Method For Clustering Closely-resembling Data Objects	8/2/2000	2/19/2002
5909677	-	09/695,709	US	UTL	Method For Determining The Resemblance Of Documents	6/16/1996	6/1/1999
6230155	-	09/197,928	US	UTL	Method For Determining The Resemblance Of Documents	11/23/1998	5/8/2001
6005603	-	09/091,692	US	UTL	Method For Encoding And Decoding A List Of Variable Size Integers To Reduce Branch Misprediction	2/27/1998	12/21/1999
5724038	-	08/695,059	US	UTL	Method For Encoding Delta Values	8/9/1996	3/31/998
5914679	-	09/032,826	US	UTL	Method For Encoding Delta Values	2/27/1998	6/22/1999
6711568	-	09/709,003	US	UTL	Method for estimating coverage of web search engines	11/9/2000	3/23/2004
7308445	US 2005-005942 A1	10/761,800	US	UTL	METHOD FOR ESTIMATING COVERAGE OF WEB SEARCH ENGINE	1/21/2004	12/11/2007
5974481	-	08/829,652	US	UTL	Method For Estimating The Probability Of Collisions Of Fingerprints	9/15/1997	10/26/1999
5745982	-	08/695,906	US	UTL	Method For Generating A Compressed Index Of Information Of Records Of A Database	8/9/1996	4/28/1998
6016493	-	09/054,491	US	UTL	Method For Generating A Compressed Index Of Information Of Records Of A Database	4/3/1998	1/18/2000
5745994	-	08/696,408	US	UTL	Method For Generating And Searching A Range-Based Index Of Word-Locations	8/9/1998	4/29/1998
6139113	-	09/131,469	US	UTL	Method for identifying Near Duplicate Pages in A Hypertextual Environment	8/10/1999	10/24/2000
5745900	-	08/711,192	US	UTL	Method For Indexing Duplicate Database Records Using A Full-Record Fingerprint	8/9/1998	4/28/1998
5970497	-	09/086,654	US	UTL	Method For Indexing Duplicate Records Of Information In A Database	4/27/1998	10/19/1999
6230152	-	09/420,960	US	UTL	Method For Indexing Duplicate Records of Information of a Database	10/19/1999	6/8/2001
5745699	-	08/688,541	US	UTL	Method For Indexing Information Of A Database	8/9/1996	4/29/1998
5765188	-	08/696,816	US	UTL	Method For Maintaining An Index	8/9/1996	6/9/1998
5787425	-	08/700,748	US	UTL	Method For Mapping An Index Of A Database Into An Array Of Files	8/9/1996	7/25/1998
5963954	-	08/123,542	US	UTL	Method For Mapping An Index Of A Database Into An Array Of Files	7/29/1998	10/5/1999
6269362	-	09/994,939	US	UTL	System and Method For Monitoring Web Pages by Comparing Generated Abstracts	12/19/1997	7/31/2001
5852870	-	08/689,542	US	UTL	Method for Optimizing Entries for Searching an Index	8/9/1998	12/22/1998
6047286	-	09/132,089	US	UTL	Method for Optimizing Entries for searching an Index	8/21/1998	4/4/2000

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5745889	-	08/694,793	US	UTL	Method for Parsing Information of Databases Records Using Word Location Pairs and metaword Location Pairs	8/9/1996	4/26/1998
5966703	-	09/054,436	US	UTL	Technique For Indexing Information Stored As A Plurality Of Records	4/3/1998	10/12/1999
5864863	-	08/696,406	US	UTL	Method For Parsing, Indexing And Searching World-Wide Web Pages	8/9/1996	1/26/1999
6021409	-	09/149,090	US	UTL	Method for Parsing, Indexing, and Searching World-Wide Web Pages	9/8/1998	2/1/2000
6321220	-	09/207,215	US	UTL	Method for Preventing Topic Drift In Queries in Hyperlinked environments	12/7/1998	11/20/2001
6112203	-	09/058,577	US	UTL	Method For Ranking Documents In A Hyperlinked Environment Using Connectivity And Selective Content Analysis	4/9/1998	8/29/2000
6738678	-	09/007,635	US	UTL	Method for ranking hyperlinked pages using connectivity and content analysis	1/15/1998	5/18/2004
7117206	-	10/429,237	US	UTL	Method for Ranking Hyperlinked Pages Using Content and Connectivity Analysis	5/5/2003	10/3/2006
5765158	-	08/696,409	US	UTL	Method for Sampling a Compressed Index to Create a Summarized Index	8/9/1996	6/9/1998
5832500	-	08/695,060	US	UTL	Method For Searching An Index	8/9/1996	11/3/1998
5966710	-	09/150,349	US	UTL	Method For Searching An Index	9/9/1998	10/12/1999
5765150	-	08/695,905	US	UTL	Method For Statistically Projecting The Ranking Of Information	8/9/1996	6/9/1998
5765149	-	08/695,057	US	UTL	Modified Collection Frequency Ranking Method	8/9/1996	6/9/1998
5809502	-	08/695,904	US	UTL	Object-Oriented Interface For An Index	8/9/1996	9/15/1998
6067543	-	08/135,656	US	UTL	Object Oriented Interface For An Index	8/18/1998	5/23/2000
7043471	US 2003-0029529 A1	10/108,745	US	UTL	SEARCH ENGINE ACCOUNT MONITORING	3/28/2002	5/9/2006
7483886	US-2008-0208355-A1	11/430,411	US	UTL	SEARCH ENGINE ACCOUNT MONITORING	5/9/2006	1/27/2009
-	-	60/507,031	US	PRV	Method and System for Scheduling Electronic Advertising	9/29/2003	-
8527346	US-2007-0174114-A1	10/880,183	US	UTL	Method and System for Scheduling Electronic Advertising	6/28/2004	9/9/2013
-	2014-0025486 A1	14/016,220	US	UTL	Method and System for Scheduling Electronic Advertising	9/2/2013	-
2001264947	-	2001264947	AU	UTL	ONLINE MEDIA EXCHANGE	5/24/2001	6/17/2005
2409995	-	2409995	CA	UTL	ONLINE MEDIA EXCHANGE	5/24/2001	1/12/2010
7962363	US-2010-0082439-A9	10/303,167	US	UTL	Online Media Exchange	11/22/2002	6/14/2011
10-0782200	10-2003-0013338	10-2002-0045961	KR	UTL	Search Engine Account Monitoring	8/3/2002	11/28/2007
7076479	-	09/922,090	US	UTL	Search Engine Account Monitoring	8/3/2001	7/11/2006
5745890	-	08/694,912	US	UTL	Sequential Searching Of A Database Index Using Constraints On Word-Location Pairs	8/9/1996	4/26/1998
6105019	-	09/361,383	US	UTL	CONSTRAINED SEARCHING OF AN INDEX	6/26/1999	8/15/2000
6317741	-	09/634,465	US	UTL	Technique for deleting duplicate records references in an index of a database	8/7/2000	11/13/2001

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6745194	-	09/20, 651	US	UTL	Technique for deleting duplicate records references in an index of a database	8/2/2001	6/1/2004
7406460	2004-0243569 A1	10/627,354	US	UTL	Technique for ranking records of a database System and Method Allowing Advertisers to Manage Search Listings in A Pay For Placement Search System Using Grouping	4/20/2004	7/29/2008
6826572	US 2003-0093285 A1	09/994,912	US	UTL	ADVERTISERS TO MANAGE SEARCH LISTINGS IN A PAY FOR PLACEMENT SEARCH SYSTEM USING GROUPING	11/13/2001	11/30/2004
7043483	US 2004-0260689 A1	10/663,876	US	UTL	System and Method Allowing Advertisers To Manage Search Listings in a Pay For Placement Search System Using Grouping	6/8/2004	5/9/2006
7698315	US-2006-0206508-A1	11/429,738	US	UTL	SYSTEM AND METHOD FOR RAPID COMPLETION OF DATA PROCESSING TASKS DISTRIBUTED ON A NETWORK	5/8/2006	4/13/2010
2001241453	-	2001241453	AU	UTL	System and Method for Rapid Completion of Data Processing Tasks Distributed On A Network	2/6/2001	1/27/2005
2400216	-	2400216	CA	UTL	SYSTEM AND METHOD FOR RAPID COMPLETION OF DATA PROCESSING TASKS DISTRIBUTED ON A NETWORK	2/6/2001	8/28/2012
2392997	2392997	219492	GB	UTL	SYSTEM AND METHOD FOR RAPID COMPLETION OF DATA PROCESSING TASKS DISTRIBUTED ON A NETWORK	2/6/2001	3/30/2005
502878	10/2002-0079849	10-2002-7010416	KR	UTL	SYSTEM AND METHOD FOR RAPID COMPLETION OF DATA PROCESSING TASKS DISTRIBUTED ON A NETWORK	2/6/2001	7/13/2005
6775831	-	09/502,692	US	UTL	SYSTEM AND METHOD FOR RAPID COMPLETION OF DATA PROCESSING TASKS DISTRIBUTED ON A NETWORK	2/11/2000	8/10/2004
-	WO2001/59561	US01/03801	WO	UTL	COMPLETION OF DATA PROCESSING TASKS DISTRIBUTED ON A NETWORK	2/6/2001 -	-
2001238953	-	2001238953	AU	UTL	A System and Method to Determine the Validity of an Interaction on a Network	2/12/2001	1/13/2005
2400199	-	2400199	CA	UTL	A System and Method to Determine the Validity of an Interaction on a Network	2/12/2001	4/12/2011
1275053	-	1908169	EP	UTL	SYSTEM AND METHOD TO DETERMINE THE VALIDITY OF AN INTERACTION ON A NETWORK	2/12/2001	4/5/2006
1275053	-	1909169	GB	UTL	SYSTEM AND METHOD TO DETERMINE THE VALIDITY OF AN INTERACTION ON A NETWORK	2/12/2001	4/5/2006
10-0595786	10-2003-0001357	10-2002-7010554	KR	UTL	SYSTEM AND METHOD TO DETERMINE THE VALIDITY OF AN INTERACTION ON A NETWORK	2/12/2001	6/23/2006
-	-	60/182,147	US	PRV	VALIDITY OF AN INTERACTION ON A NETWORK	2/14/2000 -	-

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7447691	-	11/12/2024	US	UTL	A System and Method to Determine the Validity of an Interaction on a Network	5/11/2005	11/4/2008
7136860	US 2002-0002445 A1	09/765,802	US	UTL	VALIDITY OF AN INTERACTION ON A NETWORK	1/19/2001	11/14/2006
7668861	US-2008-0010307-A1	11/858,509	US	UTL	A SYSTEMS AND METHOD TO DETERMINE THE VALIDITY OF AN INTERACTION ON A NETWORK	9/20/2007	2/23/2010
7933903	US-2010-0125542-A1	12/692,350	US	UTL	A System and Method to Determine the Validity of an interaction on a Network	1/22/2010	4/26/2011
8423543	2011-0145248	13/034,466	US	UTL	System and Method to Determine the Validity of an Interaction on a Network	2/24/2011	4/16/2013
-	2013-0226924 A1	13/858,600	US	UTL	System And Method To Determine The Validity Of An Interaction On A Network	4/8/2013	-
-	WO 2001/61536	US01/04549	WO	UTL	SYSTEM AND METHOD TO DETERMINE THE VALIDITY OF AN INTERACTION ON A NETWORK	2/12/2001	-
2001271980	-	2001271980	AU	UTL	Online playback system with community bias	7/10/2001	11/11/2004
-	1307831	1951044	EP	UTL	Online Playback System With Community Bias	7/10/2001	-
10-0691549	-	10-2003-7000444	KR	UTL	Online playback system with community bias	7/10/2001	2/26/2007
-	-	60/217,594	US	PRV	Online playback system with community bias	7/11/2000	-
7454509	US 2003-0046399 A1	09/903,033	US	UTL	Online Playback System With Community Bias	7/10/2001	11/18/2008
6173287	-	09/037,957	US	UTL	Technique for Ranking Multimedia Annotations of interest	3/11/1998	1/9/2001
6243708	-	09/204,283	US	UTL	Technique for Accessing an Item of Interest Within a Stored Representation of Data	12/3/1998	6/5/2001
6219671	-	09/204,285	US	UTL	Technique For Storing Data Information in a Network	12/3/1998	4/17/2001
6704738	-	09/204,556	US	UTL	Technique for organizing data information in a network	12/3/1998	3/9/2004
6332144	-	09/204,284	US	UTL	Technique for Annotating Media	12/3/1998	12/18/2001
6266657	-	09/427,279	US	UTL	Technique for indexing Data in a Network	10/26/1999	7/24/2001
6311189	-	09/204,286	US	UTL	Technique for Matching a Query to a Portion of Media (as Amended)	12/3/1998	10/30/2001
6799298	-	09/814,213	US	UTL	Technique for locating an item of interest within a stored representation of data	3/22/2001	9/26/2004
8060509	US-2005-0044078-A1	10/935,120	US	UTL	Technique for Processing Data in a Network (As Amended)	9/8/2004	11/15/2011
6275827	-	09/204,287	US	UTL	Technique for Processing Data	12/3/1998	8/14/2001
9122682	2012-0207447 A1	13/089,854	US	UTL	Technique for processing data in a network	4/19/2011	9/1/2015
8504576	US-2012-0209843	13/089,872	US	UTL	Technique for processing data in a network	4/19/2011	8/6/2013
-	2014-0019479 A1	13/929,678	US	UTL	Technique For Processing Data in a Network	6/27/2013	-
-	2015-0317308 A1	14/798,510	US	UTL	Technique for processing data in a network	7/14/2015	-

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2003204104	-	2003204104	AU	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	5/8/2003	1/24/2008
2428076	-	2428076	CA	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	5/7/2003	10/27/2009
305545	-	305545	FR	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	5/7/2003	12/7/2007
HK1065131	-	4107733	HK	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	5/8/2003	7/3/2009
7054857	US-2003-0212648 A1	10/141,395	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	5/8/2002	5/30/2006
7698281	US-2006-0212437-A1	11/440,960	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	5/25/2006	4/13/2010
6351755	-	09/433,006	US	UTL	Web Crawler System and Method for Associating an Extensible Set of Data with Downloaded Documents	11/21/1999	2/26/2002
6321265	-	09/433,005	US	UTL	Web Crawler System and Method for Guaranteeing Politeness	11/21/1999	11/20/2001
6263364	-	09/433,007	US	UTL	A WEB CRAWLER SYSTEM USING PLURALITY OF PARALLEL PRIORITY LEVEL QUEUES	11/21/1999	7/17/2001
6598051	-	09/664,647	US	UTL	HAVING DISTINCT ASSOCIATED DOWNLOAD PRIORITY LEVELS FOR PRIORITIZING	9/19/2000	7/22/2003
7756752	2007/0043626	11/209,595	US	UTL	DOCUMENT DOWNLOADING AND MAINTAINING DOCUMENT FRESHNESS	8/22/2005	7/13/2010
7506029	US-2007-0033255-A1	11/197,056	US	UTL	Web Page Connectivity Server	8/3/2005	3/17/2009
2006275659	-	2006275659	AU	UTL	CUSTOMIZATION OF AN ONLINE SHOPPING EXPERIENCE	7/27/2006	12/16/2010
-	48/2008	998/CHENP/2008	IN	UTL	Establishing Communication Between a Messaging Client and a Remote Device Running a Browsing Application	7/27/2006	-

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10-1009174	-	10-2008-7004983	KR	UTL	System and Method For Displaying Advertiser Defined Groups of Advertisement Campaign Information	7/25/2006	1/11/2011
10-999707	-	10-2008-7004905	KR	UTL	System and Method for Reordering a Result Set SYSTEM AND METHOD FOR REORDERING A RESULT SET	7/27/2006	12/2/2010
184393	-	201005504-4	SG	UTL	System and method allowing information provider access to a networked database search system	7/27/2006	4/15/2011
-	-	60/703,904	US	PRV	Advertiser alerting system and method in a networked database search system	7/29/2005	-
8321274	20070038103	11/413,535	US	UTL	Advertiser reporting system and method in a networked database search system (PANAMA)	4/28/2006	11/27/2012
8321275	20080147498	11/413,699	US	UTL	System and Method For Optimizing The Delivery of Advertisements	4/28/2006	11/27/2012
7685019	US-2007-0027753-A1	11/321,888	US	UTL	System and method for reordering a result set	12/28/2005	3/23/2010
7809731	US-2007-0027869-A1	11/264,741	US	UTL	System and method for discounting of historical click through data for multiple versions of an advertisement	10/31/2005	10/5/2010
7840438	US-2007-0027743-A1	11/281,917	US	UTL	System And Method For Generating Functions To Predict The Clickability Of Advertisements	11/16/2005	11/23/2010
7631008	US-2007-0112840-A1	11/479,186	US	UTL	System and Method For Advertisement Management	6/29/2006	12/8/2009
-	20080103893	11/324,129	US	UTL	Architecture for High Speed Delivery of Advertising Content	12/30/2005	-
-	2007-0027766 A1	11/493,048	US	UTL	System and method for providing scalability in an advertising delivery system	7/25/2006	-
-	2007-0027770 A1	11/506,953	US	UTL	System and Method For Collection of Advertising Usage Information	8/17/2006	-
7949563	20070027768	11/494,304	US	UTL	System and Method for Creating and Providing a User Interface for Optimizing Advertiser Defined Groups of Advertisement Campaign Information (PANAMA)	7/26/2006	5/24/2011
-	20070027762	11/413,539	US	UTL	Application Program Interface for Managing Advertiser Defined Groups of Advertisement Campaign Information (PANAMA)	4/28/2006	-
-	20070027759	11/413,465	US	UTL	System and method for optimizing the selection and delivery of advertisements	4/28/2006	-
8535040	2007-0179857	11/697,928	US	UTL	Architecture for Distribution of Advertising Content and Change Propagation	4/9/2007	9/10/2013
-	2007-0033105 A1	11/490,467	US	UTL	System and Method For Advertisement Management	7/19/2006	-
9159073	2008-0255915 A1	12/145,065	US	UTL	SYSTEM AND METHOD FOR REORDERING A RESULT SET	6/24/2008	10/13/2015
-	WO 2007/016406	PCT/US06/29556	WO	UTL		7/27/2006	-

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-	WO 2007/016042	PCT/US2006/028711	WO	UTL	System and Method for Creating and Providing a User Interface for Managing Advertiser Defined Groups of Advertisement Campaign Information (PANAMA)	7/25/2006 - 8/31/2000 -
6950994	US 2002-0026524 A1	09/938,802	US	PRV	Data list translation and input mapping	8/24/2001 - 9/27/2005
7747614	US-2007-0100822-A1	11/264,740	US	UTL	Data list translation and input mapping	10/31/2005 - 6/29/2010
7634462	US-2007-0038621-A1	11/200,851	US	UTL	System and Method for Determining Alternate Search Queries	8/10/2005 - 12/15/2009
7752220	US-2007-0038602-A1	11/202,388	US	UTL	ALTERNATIVE SEARCH QUERY PROCESSING IN A TERM BIDDING SYSTEM	8/10/2005 - 7/6/2010
8166029	US-2008-0126303-A1	11/516,378	US	UTL	System and Method for Identifying Media Content Items and Related Media Content Items	9/7/2006 - 4/24/2012
7830760	US-2007-0100813-A1	11/261,961	US	UTL	System and method for labeling a document	10/28/2005 - 3/18/2010
8983923	US-2008-0183742-A1	11/626,903	US	UTL	System and method for the retrieval and display of supplemental content	1/25/2007 - 3/17/2015
7877395	US-2008-0147613-A1	11/641,342	US	UTL	Systems And Methods For Identifying Premium Content Items In A Result Set	12/18/2006 - 1/25/2011
8041723	2011-0087649	12/970,164	US	UTL	Systems And Methods For Identifying Premium Content Items In A Result Set	12/16/2010 - 10/18/2011
8096419	-	11/253,056	US	UTL	Search Score For The Determination of Search Quality	10/17/2005 - 1/10/2012
8010529	US-2008-0097955-A1	11/585,288	US	UTL	System and method for determining a relationship between available content and current interest to identify a need for content	10/23/2006 - 8/30/2011
7747686	US-2007-0233614-A1	11/394,745	US	UTL	System and Method for interacting with Data Using Visual Surrogates	3/31/2006 - 6/29/2010
-	-	60/705,735	US	PRV	Music Search Engine	8/3/2005 -
8005827	US-2007-0033199-A1	11/499,057	US	UTL	System And Method For Accessing A Preferred Provider Of Audio Content	8/3/2006 - 8/23/2011
7849070	20070033228	11/499,056	US	UTL	System And Method For Dynamically Ranking Items Of Audio Content	8/3/2006 - 12/7/2010
7702341	2007/0077949	11/242,486	US	UTL	Shortcut For Establishing A Communication Channel With A Remote Device Over A Network	10/3/2005 - 4/20/2010
8370439	US 2007-0214222-A1	11/371,845	US	UTL	ACTIVATING AUTOMATIC MESSAGING SYSTEM	3/9/2006 - 2/5/2013
-	US-2008-0065737-A1	11/462,222	US	UTL	ELECTRONIC DOCUMENT INFORMATION EXTRACTION	8/3/2006 -
-	EP 1938180	6825981	EP	UTL	A Method and System For Selecting Media	10/13/2006 -
10-978669	-	10-2008-7011336	KR	UTL	A System And Method For Selecting Media	10/13/2006 - 6/23/2010
-	2007-0088727 A1	11/250,358	US	UTL	Media device and user interface for selecting media	10/14/2005 -
-	2014-0297656 A1	14/145,079	US	UTL	Media Device and User Interface for Selecting Media	12/31/2013 -

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-	WO 2007/047541	PCT/US2006/040282	WO	UTL	A System And Method For Selecting Media System And Method For Recognizing and Storing Information And Associated Context	10/13/2006 -	
8056007	US-2008-0115086-A1	11/600,667	US	UTL	Business Intelligent Architecture System and Method	11/15/2006	11/6/2011
7580944	US-2008-0027970-A1	11/493,950	US	UTL	Business Intelligent Architecture System and Method	7/27/2006	8/25/2009
9158831	2009-0265375 A1	12/494,867	US	UTL	Method	6/30/2009	10/13/2015
7725927	2007-0101412-A1	11/262,194	US	UTL	Low Code-Footprint Security Solution	10/28/2005	5/25/2010
7873696	2007-0100975-A1	11/262,052	US	UTL	Scalable Software Blade Architecture	10/28/2005	1/18/2011
7870288	US 2007-0101022 A1	11/262,549	US	UTL	Sharing Data in Scalable Software Blade Architecture	10/28/2005	1/11/2011
7779157	2007-010121-A1	11/262,340	US	UTL	Recovering a Blade in Scalable Software Blade Architecture	10/28/2005	6/17/2010
8819051	US-2007-0073669-A1	11/239,708	US	UTL	Tagging Offline Content With Context-Sensitive Search-Enabling Keywords	9/29/2005	6/26/2014
-	31/2009	2918/DEL/2005	IN	UTL	METHOD AND MECHANISM FOR ANALYZING THE TEXTURE OF A DIGITAL IMAGE	10/31/2005 -	
7583839	US-2007-0096259	11/316,728	US	UTL	Method and Mechanism for Analyzing the Texture of a Digital Image	12/22/2005	9/1/2009
-	32/2007	95/DEL/2006	IN	UTL	FAST CONTENT BASED MUSIC SEARCH ENGINE	1/12/2006 -	
8106452	US-2007-0162436-A1	11/370,321	US	UTL	Keyword Based Audio Comparison	3/7/2006	1/31/2012
7860308	US-2007-0127813-A1	11/506,330	US	UTL	Approach for Near Duplicate Image Detection	8/17/2006	12/26/2010
-	28/2007	897/KOL/2005	IN	UTL	IMAGE CLASSIFICATION TO GRAPH/PHOTO	9/28/2005 -	
7627166	US-2007-0076950-A1	11/291,183	US	UTL	Method and Mechanism for Processing Image Data	11/30/2005	12/1/2009
-	31/2009	2918/DEL/2005	IN	UTL	Method and Mechanism for Retrieving Images	10/31/2005 -	
7831111	US-2007-0097420-A1	11/317,952	US	UTL	Method and Mechanism For Retrieving Images	12/22/2005	11/9/2010
-	39356	753/KOL/2005	IN	UTL	UNSUPERVISED LEARNING TOOL FOR FEATURE CORRECTION	8/17/2005 -	
7483903	US-2007-0043707-A1	11/253,023	US	UTL	Unsupervised Learning Tool For Feature Correction	10/17/2005	1/27/2009
-	39630	1396/CH/2006	IN	UTL	SYSTEM AND METHOD FOR DETERMINING CONCEPTS IN A CONTENT ITEM USING CONTEXT	8/4/2006 -	
8856145	US-2008-0039882-A1	11/639,849	US	UTL	System And Method For Determining Concepts In A Content Item Using Context	12/15/2006	10/7/2014
-	2014-0365499 A1	14/467,339	US	UTL	System and Method for Determining Concepts in a Content Item Using Context	8/25/2014 -	
7251578	-	11/373,701	US	UTL	Method and System of Measuring Data Quality	3/10/2006	7/31/2007
7696269	US-2007-0136279-A1	11/288,596	US	UTL	URL Shortening And Authentication With Reverse Hash Lookup	11/29/2005	4/19/2010
7693912	US-2007-0100799-A1	11/264,520	US	UTL	Methods For Navigating Collections Of Information In Varying Levels Of Detail	10/31/2005	4/6/2010
7421441	-	11/231,632	US	UTL	Systems and Methods for Presenting Information Based on Publisher-Selected Labels	9/20/2005	9/2/2008

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8478792	US-2008-0320021-A1	12/15/045	US	UTL	Systems and Methods for Presenting Information Based on Publisher-Selected Labels	7/2/2008	7/2/2013
7409402	-	11/232,270	US	UTL	Systems and Methods for Presenting Advertising Content Based On Publisher Selected Labels	9/20/2005	8/5/2008
8069099	US-2008-0262931-A1	12/147,430	US	UTL	Systems and Methods for Presenting Advertising Content Based On Publisher-Selected Labels	6/26/2008	11/29/2011
7636766	US 2007-0113178-A1	11/274,245	US	UTL	REMOTE SELECTION AND INSTALLATION OF AUXILIARY CONTENT	11/15/2005	12/22/2009
7669579	2007-0133524-A1	11/297,983	US	UTL	SELECTABLE REPLAY OF BUFFERED CONVERSATION IN A VOIP SESSION	12/9/2005	1/11/2011
7584183	US-2007-0179943-A1	11/246,860	US	UTL	Method For Node Classification And Scoring By Combining Parallel Iterative Scoring Calculation	2/1/2006	9/1/2009
8156135	US-2008-0154859-A1	11/644,734	US	UTL	Method and System for Progressive Disclosure of Search Results	12/22/2006	4/10/2012
7555478	US-2008-0133505-A1	11/635,451	US	UTL	SEARCH RESULTS PRESENTED AS VISUALLY ILLUSTRATIVE CONCEPTS	12/5/2006	6/30/2009
7555477	US-2008-0133483-A1	11/635,247	US	UTL	Paid content based on visually illustrative concepts	12/5/2006	6/30/2009
-	US-2008-0155060-A1	11/644,656	US	UTL	EXPORTED OVERLAYS	12/22/2006	-
-	2054812	7811449	EP	UTL	Persistent Saving Portal	8/20/2007	-
-	WO 2008/024325	1401/CHENP/2009	IN	UTL	Persistent Saving Portal	8/20/2007	-
10-1120301	-	10-2009-7005792	KR	UTL	Persistent Saving Portal	8/20/2007	2/17/2012
10-1409673	-	10-2011-7009970	KR	UTL	Persistent Saving Portal	8/20/2007	6/12/2014
8572202	US-2008-0062369-A1	11/508,596	US	UTL	PERSISTENT SAVING PORTAL	8/22/2006	10/29/2013
8745162	US-2008-0052372-A1	11/656,052	US	UTL	Method and System For Presenting Information With Multiple Views	1/19/2007	6/3/2014
-	2008/024325	PCT/US2007/018446	WO	UTL	Persistent Saving Portal	8/20/2007	-
7814097	US 2007/0214128	11/370,314	US	UTL	Discovering Alternative Spellings through Query Co-occurrence	3/7/2006	10/12/2010
-	2007-0089057 A1	11/250,359	US	UTL	Method and system for selecting media	10/14/2005	-
8015085	US-2007-0129997-A1	11/262,011	US	UTL	SYSTEMS AND METHODS FOR ASSIGNING MONETARY VALUES TO SEARCH TERMS	10/28/2005	9/6/2011
8595633	US-2007-0100867-A1	11/264,356	US	UTL	Method and system for displaying contextual rotating advertisements	10/31/2005	11/26/2013
8700586	2007-0100802 A1	11/329,601	US	UTL	Clickable Map Interface	1/12/2006	4/15/2014
-	2014-0143054 A1	14/163,435	US	UTL	System For Identifying And Selecting Advertising Categories	1/24/2014	-
8632713	2009-0012866 A1	12/175,241	US	UTL	System for Selecting Ad Inventory with a Clickable Map Interface	7/17/2008	3/25/2014
-	2007-0250511 A1	11/408,670	US	UTL	Method and System for Entering Search Queries	4/21/2006	-
7536671	U.S. 2007-0115991-A1	11/285,875	US	UTL	MULTI-MODAL AUTO COMPLETE FUNCTION FOR A CONNECTION	11/23/2005	9/1/2009
-	1932300	6816175	EP	UTL	Instant Messaging Interoperability Between Disparate Service Providers	10/3/2006	-
-	2503748	12166788	EP	UTL	Instant Messaging Interoperability Between Disparate Service Providers	10/3/2006	-

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10-1022901	-	10-2008-7010888	KR	UTL	INSTANT MESSAGING INTEROPERABILITY BETWEEN DISPARATE SERVICE PROVIDERS	10/3/2006	3/9/2011
-	-	60/724,577	US	PRV	INSTANT MESSAGING INTEROPERABILITY BETWEEN DISPARATE SERVICE PROVIDERS	10/7/2005 -	
9053461	2007-0083675 A1	11/528,753	US	UTL	Instant messaging interoperability between disparate service providers	9/27/2006	6/9/2015
-	2015-0271129 A1	14/733,591	US	UTL	Instant messaging interoperability between disparate service providers	6/8/2015 -	
-	WO 2007/044371	PCT/US2006/038728	WO	UTL	INSTANT MESSAGING INTEROPERABILITY BETWEEN DISPARATE SERVICE PROVIDERS	10/3/2006 -	
7921109	US-2007-0078828-A1	11/244,261	US	UTL	Customizable Ordering of Search Results and Predictive Query Generation	10/5/2005	4/5/2011
-	2011-0145225 A1	13/034,982	US	UTL	Predictive Query Generation	2/25/2011 -	
8190724	US-2008-0091834-A1	11/580,320	US	UTL	Systems and methods for establishing or maintaining a personalized trusted social network	10/13/2006	5/29/2012
9191456	2012-0203852	13/450,892	US	UTL	Systems and methods for establishing or maintaining a personalized trusted social network	4/19/2012	11/17/2015
-	2016-0050176 A1	14/923,616	US	UTL	Systems and methods for establishing or maintaining a personalized trusted social network	10/27/2015 -	
7827004	2008-0028330-A1	11/496,825	US	UTL	System And Method Of Identifying And Measuring Response To User Interface Design	7/31/2006	11/2/2010
8719715	2010-0275138	12/831,755	US	UTL	System And Method Of Identifying And Measuring Response To User Interface Design	7/7/2010	5/6/2014
6892206	US2002-0026460 A1	60/229,662	US	PRV	Reduction of Meta Data in a Network	8/31/2000 -	
-	-	09/936,799	US	UTL	Reduction of Meta-Data in a Network	8/24/2001	5/10/2005
-	-	60/411,535	US	PRV	Spelling in Web Search	9/17/2002 -	
-	-	60/413,092	US	PRV	Spelling in Web Search	9/23/2002 -	
7440941	20080147637	10/364,078	US	UTL	Suggesting An Alternative To The Spelling of A Search Query	2/10/2003	10/21/2008
7672927	20080147637	10/788,970	US	UTL	Suggesting An Alternative To The Spelling of A Search Query	2/27/2004	3/2/2010
7747613	US-2007-0100821-A1	11/284,666	US	UTL	Presentation of Differences Between Multiple Searches	10/31/2005	6/29/2010
7747612	20070100797	11/264,292	US	UTL	Indication of Exclusive Items in A Result Set	10/31/2005	6/29/2010
7827523	US 2007-0198484 A1	11/360,793	US	UTL	Query Serving Infrastructure Providing Flexible And Expandable Support And Compiling Instructions	2/22/2006	11/2/2010
-	-	60/736,133	US	PRV	Modular Optimized Dynamic Sets	11/9/2005 -	
7962479	US-2008-0140699-A1	11/772,600	US	UTL	System And Method For Generating Substitutable Queries	7/12/2007	6/14/2011
7865863	US-2008-0071602-A1	11/514,429	US	UTL	Methods And Computer Readable Media For Enhancing Product Reviews	8/31/2006	2/8/2011
7711732	US-2007-0250498-A1	11/408,550	US	UTL	Determining Related Term Based on Link Association of Documents Belonging to Search Result Sets	4/21/2006	5/4/2010

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7941436	US-2008-0133503-A1	11/607,299	US	UTL	Keyword Bidding Strategy for Novel Concepts	11/30/2006	5/10/2011
8051087	US-2009-0100007-A1	12/242,148	US	UTL	Customized Geographical Location Indexing	9/30/2008	11/1/2011
-	-	PCT/US09/58310	WO	UTL	Customized Geographical Location Indexing	9/25/2009	-
7729901	US-2007-0136048-A1	11/314,166	US	UTL	System for Classifying Words	12/13/2005	6/1/2010
7681147	US-2007-0136689-A1	11/314,956	US	UTL	SYSTEM FOR DETERMINING PROBABLE MEANINGS OF INPUTTED WORDS	12/13/2005	3/16/2010
8050689	US-2007-0146374-A1	11/314,187	US	UTL	System and Method for Creating Minimum Bounding Rectangles for Use in a Geo-Coding System	12/13/2005	11/1/2011
7606681	US-2007-0135991-A1	11/314,155	US	UTL	SYSTEM AND METHOD FOR PROVIDING GEO-RELEVANT INFORMATION BASED ON A LOCATION	12/13/2005	10/20/2009
7848764	US-2010-0030646-A1	12/555,262	US	UTL	System for Providing Location Predictive Advertising	9/8/2009	12/7/2010
7616864	US-2007-0135993-A1	11/314,948	US	UTL	SYSTEM AND METHOD FOR PROVIDING GEO-RELEVANT INFORMATION BASED ON A MOBILE DEVICE	12/13/2005	11/10/2009
7606682	US-2007-0135992-A1	11/314,192	US	UTL	System and Method for Populating a Geo-Coding Database	12/13/2005	10/20/2009
7853270	US-2010-0029299-A1	12/544,490	US	UTL	System for Geographically Contextualizing Data Items	8/20/2009	12/14/2010
7680658	US-2008-0310291-A1	11/481,734	US	UTL	TECHNIQUES FOR CLUSTERING STRUCTURALLY SIMILAR WEB PAGES	7/5/2006	3/16/2010
8139514	US-2007-0200713-A1	11/361,268	US	UTL	Method and System for Communicating with Multiple Users via a Map over the Internet	2/24/2006	3/20/2012
9014076	2012-0166972	13/414,223	US	UTL	Method and System for Communicating with Multiple User Communities Via a Map	3/7/2012	4/21/2015
7685198	US-2007-0174247-A1	11/339,990	US	UTL	Systems and Method for Collaborative Tag Suggestions	1/25/2006	3/23/2010
8066880	US-2007-0109592-A1	11/280,746	US	UTL	Data Gateway for Jobs Management Based on a Persistent Job Table and a Server Table	11/15/2005	11/22/2011
8700462	US-2007-0157245-A1	11/607,292	US	UTL	System and method for optimizing advertisement campaigns using a limited budget	11/30/2006	4/15/2014
8185524	US-2008-0154912-A1	11/644,851	US	UTL	METHOD AND SYSTEM FOR LOCATING EVENTS IN-CONTEXT	12/22/2006	5/22/2012
10-1004479	-	10-2008-7019068	KR	UTL	Network User Database For A Sidebar	1/2/2007	12/21/2010
8621372	US-2007-0157110-A1	11/328,260	US	UTL	Targeted sidebar advertising	1/5/2006	12/31/2013
9037996	2007-0157113 A1	11/337,373	US	UTL	Sidebar email	1/23/2006	5/19/2015
8732585	US-2007-0157109-A1	11/434,354	US	UTL	Community Information Updates In A Sidebar	5/15/2006	5/20/2014
-	2014-0101599 A1	14/104,148	US	UTL	Targeted sidebar advertising	12/12/2013	-
-	WO 2007/079463	PCT/US2007/060010	WO	UTL	Network User Database For A Sidebar	1/2/2007	-
8429177	US-2007-0198603-A1	11/350,967	US	UTL	Using Exceptional Changes in Webgraph Snapshots Over Time For Internet Entity Marking	2/8/2006	4/23/2013
-	-	4757465	EP	UTL	Method and System of Controlling a Context Menu	7/26/2004	-

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10-0890746	-	10-2006-7002544	KR	UTL	Method and System of Controlling a Context Menu METHOD AND SYSTEM OF CONTROLLING A CONTEXT MENU AND COMPUTER READABLE MEDIUM FOR RECORDING INSTRUCTIONS RELATED THEREWITH	7/26/2004	3/20/2009
1321262	200519628	93123248	TW	UTL		8/3/2004	3/1/2010
-	-	60/493,029	US	PRV	Method and System of Controlling a Context Menu	8/5/2003 -	
7721228	2005-0039141-A1	10/805,668	US	UTL	Method and System of Controlling a Context Menu	3/18/2004	5/16/2010
-	2004-017670	PCT/US2004/024396	WO	UTL	Method and System of Controlling a Context Menu Matching and Ranking of Sponsored Search Listings Incorporating Web Search Technology and Web Content	7/26/2004 -	
10-0932318	-	10-2007-7018836	KR	UTL	Matching and Ranking of Sponsored Search Listings Incorporating Web Search Technology and Web Content	1/18/2006	12/8/2009
-	-	60/645,054	US	PRV	Matching and Ranking of Sponsored Search Listings Incorporating Web Search Technology and Web Content	1/18/2005 -	
7698331	20070112940	11/334,096	US	UTL	Matching and Ranking of Sponsored Search Listings Incorporating Web Search Technology and Web Content	1/18/2006	4/13/2010
-	WO 2006/078794 A3	PCT/US2006/001857	WO	UTL	Learning Retrieval Functions Incorporating Query Differentiation for Information Retrieval	1/18/2006 -	
8250061	US-2007-0179949-A1	11/343,910	US	UTL	Learning Retrieval Functions Incorporating Query Differentiation for Information Retrieval	1/30/2006	8/21/2012
8588371	2012-0271842 A1	13/538,237	US	UTL	Automatic Identification of Event Classification Errors in a Network	6/29/2012	11/19/2013
7698605	US-2008-0034083-A1	11/497,909	US	UTL	Vertical search expansion, disambiguation, and optimization of search queries	8/11/2006	4/6/2010
8832087	US-2007-0208706-A1	11/370,246	US	UTL	Vertical Search Expansion, Disambiguation, and Optimization of Search Queries	3/6/2006	9/9/2014
7805441	US-2007-0208724-A1	11/370,258	US	UTL		3/6/2006	9/28/2010
7734829	20070255736	11/414,442	US	UTL	System and Method Using Hierarchical Clustering for Evolutionary Clustering of Sequential Data Sets	4/29/2006	6/8/2010
8930365	2007-0255737 A1	11/414,448	US	UTL	System and Method for Evolutionary Clustering Of Sequential Data Sets	4/29/2006	1/6/2015
8676961	20080028067	11/495,932	US	UTL	System and method for web destination profiling TECHNIQUES FOR CLUSTERING STRUCTURALLY SIMILAR WEB PAGES BASED ON PAGE FEATURES	7/27/2006	3/18/2014
7678465	US-2008-0010292-A1	11/481,809	US	UTL	IDENTIFYING EXCEPTIONAL WEB DOCUMENTS	7/5/2006	3/9/2010
8563778	-	11/412,360	US	UTL	Content Display and Navigation Interface	4/26/2006	11/12/2013
-	1929398	7754579	EP	UTL		3/30/2007 -	

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265823	13/2006	5935/CHENP/2008	IN	UTL	NAVIGATION INTERFACE FOR DISPLAYING CONTENT CLASSIFIED ACCORDING TO CONTENT PROPERTIES	3/30/2007	3/18/2015
10-1022883	-	10-2008-7027031	KR	UTL	Content Display and Navigation Interface	3/30/2007	3/9/2011
8056444	US-2007-0233377-A1	11/398,386	US	UTL	Content Display and Navigation Interface	4/4/2008	11/8/2011
D624,088	-	29/299,439	US	DES	Graphical User Interface For a Display Screen	12/26/2007	9/21/2010
-	WO 2007/114906	PCT/US2007/008193	WO	UTL	Content Display and Navigation Interface	3/30/2007	-
-	2008-0133346 A1	11/607,296	US	UTL	Human responses and rewards for requests at web scale	11/30/2008	-
8538921	US-2007-0250513-A1	11/410,691	US	UTL	File Caching	4/24/2006	9/17/2013
-	WO 2007/127640	PCT/US2007/66785	WO	UTL	File Caching	4/17/2007	-
8176058	US-2008-0133525	11/565,356	US	UTL	Method and System for Managing Playlists	11/30/2006	5/8/2012
-	2012-0271893 A1	13/465,823	US	UTL	Method and System for Managing Playlists	5/7/2012	-
8135725	US-2008-0040313-A1	11/503,051	US	UTL	System And Method For Providing Tag-Based Relevance Recommendations Of Bookmarks In A Bookmark And Tag Database	8/11/2006	3/13/2012
9104772	2012-0158749 A1	13/339,635	US	UTL	System And Method For Providing Tag-Based Relevance Recommendations Of Bookmarks In A Bookmark And Tag Database	12/29/2011	8/11/2015
8271486	US-2008-0027914-A1	11/495,825	US	UTL	System And Method For Searching A Bookmark And Tag Database For Relevant Bookmarks	7/29/2006	9/18/2012
-	2012-0310933 A1	13/589,255	US	UTL	System And Method For Searching A Bookmark And Tag Database For Relevant Bookmarks	8/20/2012	-
8224788	US-2010-0085853-A1	12/354,562	US	UTL	System and method for bookmarking and auto-tagging a content item based on file type	1/15/2009	7/17/2012
7870475	20070271498	11/435,557	US	UTL	System And Method For Bookmarking And Tagging A Content Item	5/16/2006	1/11/2011
8589782	2011-0078766	12/960,903	US	UTL	System And Method For Bookmarking And Tagging A Content Item	12/6/2010	11/19/2013
-	-	60/765,888	US	PRV	Method and System for Presenting Photos on a Website	2/6/2006	-
8510669	-	11/432,033	US	UTL	Method and System for Presenting Photos on a Website	5/10/2006	8/13/2013
-	2014-0047369 A1	13/964,746	US	UTL	Method and System for Presenting Photos on a Website	8/12/2013	-
7814096	20080077614	10/864,074	US	UTL	Query Based Search Engine	6/8/2004	10/12/2010
-	1856634	6718073	EP	UTL	Reputation Based Search	1/12/2006	-
10-1136197	-	10-2007-7018543	KR	UTL	Reputation Based Search	1/12/2006	4/5/2012
10-1236600	-	10-2010-7006067	KR	UTL	Reputation Based Search	1/12/2006	2/18/2013
7406466	US20060161524-A1	11/036,804	US	UTL	Reputation Based Search	1/14/2005	7/29/2008
-	-	PCT/US06/00957	WO	UTL	Reputation Based Search	1/12/2006	-
7945660	20080028064	11/493,213	US	UTL	Time slicing web based advertisements	7/26/2006	5/17/2011
-	-	7751435	DE	UTL	User-Defined Private Maps	-	-
-	-	-	EP	UTL	User-Defined Private Maps	2/22/2007	-
-	-	-	FR	UTL	User-Defined Private Maps	-	-
-	-	-	GB	UTL	User-Defined Private Maps	-	-

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285759	WO 2007/100632	4984/CHENP/2008	IN	UTL	User-Defined Private Maps	2/22/2007	3/23/2015
10-1058384	-	10-2008-7023195	KR	UTL	User-Provided Private Maps	2/22/2007	8/17/2011
7450003	US-2007-0204218-A1	11/361,236	US	UTL	User-Defined Private Maps	2/24/2008	11/11/2008
-	WO 2007/100632	PCT/US2007/004670	WO	UTL	User-Defined Private Maps	2/22/2007	-
-	34/2007	1201/DEL/2006	IN	UTL	Automatic Relevance Checking for Web and Vertical Search Engines	5/16/2008	-
7558787	US-2008-0010269-A1	11/481,735	US	UTL	Automatic Relevance Checking for Web and Vertical Search Engines	7/5/2006	7/7/2009
7647314	20070255689	11/414,405	US	UTL	System And Method For Indexing Web Content Using Click-Through Features	4/28/2006	1/12/2010
-	-	60/774,924	US	PRV	System and methods for presenting a broad-based digital marketplace	2/17/2006	-
8103590	US-2007-0198364-A1	11/616,202	US	UTL	Method and System for Managing Multiple Catalogs of Files on a Network	1/2/26/2006	1/24/2012
-	-	PCT/US2007/082450	WO	UTL	Method and System for Managing Pricing Structures and Delivery Channels for Rights in Files on a Network	2/20/2007	-
-	1929414	7757547	EP	UTL	System and Method for Identifying Related Queries for Languages With Multiple Writing Systems	2/27/2007	-
10-1098703	-	10-2008-7023584	KR	UTL	System and Method for Identifying Related Queries for Languages With Multiple Writing Systems	2/27/2007	12/19/2011
7689554	US-2007-0203894-A1	11/365,315	US	UTL	System and Method for Identifying Related Queries for Languages With Multiple Writing Systems	2/28/2006	3/30/2010
-	WO 2007/101194	PCT/US07/62876	WO	UTL	System and Method for Identifying Related Queries for Languages With Multiple Writing Systems	2/27/2007	-
1366770	200844778	97104281	TW	UTL	System and Method for Identifying Related Queries for Languages With Multiple Writing Systems	2/4/2008	6/21/2012
7685084	US-2008-0195596-A1	11/673,355	US	UTL	System and method for associative matching	2/9/2007	3/23/2010
-	WO 2008/097746	PCT/US08/52150	WO	UTL	System and method for associative matching	1/28/2008	-
8914729	US-2008-0104521-A1	11/590,045	US	UTL	Methods and systems for providing a customizable guide for navigating a corpus of content	10/30/2006	12/16/2014
8793605	US-2007-0234226-A1	11/393,198	US	UTL	Smart Drag and Drop	3/29/2006	7/29/2014
-	-	14/310,589	US	UTL	Smart drag and drop	6/20/2014	-
7533130	2008-0147731 A1	11/612,994	US	UTL	USER BEHAVIOR REPORTING BASED ON PRE-AGGREGATED ACTIVITY DATA	12/19/2006	5/12/2009
8417573	20080228587	11/717,982	US	UTL	SPONSORED LISTING RECOMMENDATION ENGINE	3/14/2007	4/9/2013
-	2013-0290099 A1	13/647,903	US	UTL	SPONSORED LISTING RECOMMENDATION ENGINE	3/20/2013	-
7849027	20080097820	11/550,709	US	UTL	AUTOMATED CLUSTERING OF RECORDS, BIASED BY SUPERVISED CLASSIFICATION PROCESSING	10/18/2006	12/7/2010

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8051082	US-2008-0147591-A1	11/642,444	US	UTL	System and Method for Facilitating Interactive Selection of Clusters and Presentation of Related Datasets	12/19/2006	11/1/2011
7581193	US-2008-0148168-A1	11/640,333	US	UTL	SYSTEM AND METHOD FOR FACILITATING INTERACTIVE SELECTION AND PRESENTATION OF DATASETS	12/15/2006	8/25/2009
7539945	20080133567	11/564,935	US	UTL	Dynamic Cluster Visualization	11/30/2006	10/6/2009
9270680	2007-0219910 A1	11/450,194	US	UTL	Providing a Limited Use Syndicated Media to Authorized Users	6/9/2006	2/23/2016
-	-	60779,840	US	PRV	SYSTEM FOR SERVING ADS OVER MOBILE DEVICES	3/6/2006	-
7917392	US-2007-0265014-A1	11/830,194	US	UTL	System for separating mobile search traffic FROM web search traffic using keyword separation	7/30/2007	3/29/2011
8660896	US-2007-0270130-A1	11/830,230	US	UTL	System For Creating Separate Data Serving Spaces For Each Mobile Carrier In A Plurality of Mobile Carriers	7/30/2007	2/25/2014
8396405	US-2007-0287458-A1	11/830,344	US	UTL	System for providing for a revenue generator to bid exclusively on mobile search traffic	7/30/2007	3/31/2015
8494906	US-2007-0288317-A1	11/830,406	US	UTL	System for providing for a revenue generator to bid individually on mobile search traffic originating from each mobile carrier in a plurality of mobile carriers	7/30/2007	7/23/2013
8185438	2011-0093332	12/975,041	US	UTL	System for separating mobile search traffic FROM web search traffic using keyword separation	12/21/2010	5/22/2012
-	2014-0108147 A1	14/140,870	US	UTL	System For Creating Separate Data Serving Spaces For Each Mobile Carrier In A Plurality of Mobile Carriers	12/26/2013	-
-	2015-0073905 A1	14/540,884	US	UTL	System for Providing for a Revenue Generator to Bid Exclusively on Mobile Search Traffic	11/13/2014	-
-	WO 2007/103094 A2	PCT/US2007/005217	WO	UTL	System for Serving Advertisements Over Mobile Devices	2/28/2007	-
602007027492	-	7756759	DE	UTL	Platform For Managing Mobile Domains And Keyword Activated Applications	2/8/2007	12/19/2012
2033123	2033123	7756759	EP	UTL	Platform For Managing Mobile Domains And Keyword Activated Applications	2/8/2007	12/19/2012
2033123	-	7756759	FR	UTL	Platform For Managing Mobile Domains And Keyword Activated Applications	2/8/2007	12/19/2012
2033123	-	7756759	GB	UTL	Platform For Managing Mobile Domains And Keyword Activated Applications	2/8/2007	12/19/2012
-	42	587/KOL/2006	IN	UTL	Mobile Interaction Solutions (MINT) for offline and online advertising using mobile short messaging Platform For Managing Mobile Domains And Keyword-Activated Applications	6/14/2006	-
10-1138499	-	10-2008-7032044	KR	UTL	Mobile Interaction Solutions (MINT) for offline and online advertising using mobile short messaging Platform For Managing Mobile Domains And Keyword-Activated Applications	2/8/2007	9/27/2012

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8175623	US-2007-0293247-A1	11/468,645	US	UTL	Platform For Managing Mobile Domains And Keyword-Activated Applications	8/30/2006	5/8/2012
-	WO 2007/148450	PCT/US07/61833	WO	UTL	Platform For Managing Mobile Domains And Keyword-Activated Applications	2/8/2007 -	
7747083	20070244874	11/390,001	US	UTL	System and Method for Good Nearest Neighbor Clustering of Text	3/27/2006	6/29/2010
7904435	US-2007-0214161	11/372,878	US	UTL	System and Method for Resource Look Acquisition and Reclamation in a Network File System Environment	3/10/2006	3/8/2011
7484293	US-2007-0214381	11/373,040	US	UTL	System and Method for Automated Recovery After an Error in a Batch Processing System Caused by Malformatted or Unsupported Data	3/10/2006	12/9/2008
7686838	US-2007-0233708-A1	11/392,092	US	UTL	Providing Event Information To Third Party Event Applications	3/28/2006	2/23/2010
7676449	US-2007-0260636-A1	11/391,933	US	UTL	CREATING AND VIEWING PRIVATE EVENTS IN AN EVENTS REPOSITORY	3/28/2006	3/9/2010
8290980	US-2008-0065599-A1	11/517,971	US	UTL	GENERATING EVENT DATA DISPLAY CODE AUTOMATICALLY GENERATING USER-CUSTOMIZED NOTIFICATIONS OF CHANGES IN A SOCIAL NETWORK SYSTEM	9/8/2006	10/16/2012
7844604	US-2008-0162510-A1	11/647,941	US	UTL	Social Networking For Mobile Devices	12/28/2006	11/30/2010
8843560	US-2007-0255807-A1	11/380,874	US	UTL	Social Networking For Mobile Devices	4/28/2006	9/23/2014
8843551	US-2008-0256170-A1	12/140,217	US	UTL	Determination of user interest from online activity	6/16/2008	9/23/2014
267728	2007/126903	5796/CHENP/2008	IN	UTL	A Behavioral Targeting System	3/29/2007	7/29/2015
10-1104539	-	10-2008-7023526	KR	UTL	Behavioral Targeting System	3/29/2007	1/3/2012
8504575	2007-0260596 A1	11/394,343	US	UTL	Behavioral Targeting System	3/29/2006	8/6/2013
-	2013-0318024 A1	13/953,548	US	UTL	Behavioral Targeting System	7/29/2013 -	
-	-	15/055,944	US	UTL	A Behavioral Targeting System	29-Feb -	
7814109	WO 2007/126903	PCT/US2007/007701	WO	UTL	Automatic Categorization of Network Events	3/29/2007 -	
7809740	US-2007-0233650-A1	11/394,342	US	UTL	A Model for Generating User Profiles in a Behavioral Targeting System	3/29/2006	10/12/2010
8438170	US-2007-0239535-A1	11/394,374	US	UTL	Behavioral Targeting System that Generates User Profiles for Target Objectives	3/29/2006	10/5/2010
9105048	2013-0238429 A1	11/394,332	US	UTL	Behavioral Targeting System that Generates User Profiles for Target Objectives	3/29/2006	5/7/2013
-	2015-0324430 A1	13/862,919	US	UTL	Behavioral Targeting System that Generates User Profiles for Target Objectives	4/15/2013	8/11/2015
-	2015-0324430 A1	14/802,056	US	UTL	Behavioral Targeting System that Generates User Profiles for Target Objectives	7/17/2015 -	
7904448	US 2007/0260624 A1	11/394,358	US	UTL	Incremental Update of Long-Term and Short-Term User Profile Scores in a Behavioral Targeting System	3/29/2006	3/8/2011
7567945	2008-0005052	11/427,722	US	UTL	Aggregation-Specific Confidence Intervals for Fact Set Queries	6/29/2006	7/26/2009
2008210861 -	44/2009	4918/CHENP/2009	AU	UTL	ADVERTISING REFERRAL BASED ON SOCIAL TIES	1/22/2008	1/5/2012
-	4918/CHENP/2009	IN	UTL	SOCIAL TIES	ADVERTISING REFERRAL BASED ON SOCIAL TIES	1/22/2008 -	

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10-1234372	-	10-2009-7018196	KR	UTL	ADVERTISEMENT REFERRAL BASED ON SOCIAL TIES	1/22/2008	4/8/2013
1403966	200844889	97103126	TW	UTL	Advertisement Referral Based On Social Ties	1/28/2008	8/1/2013
-	2008-0189174 A1	11/670,013	US	UTL	Advertisement Referral Based On Social Ties	2/1/2007	-
-	2008/094788	PCT/US08/51661	WO	UTL	ADVERTISEMENT REFERRAL BASED ON SOCIAL TIES	1/22/2008	-
7840538	US-2008-0154877-A1	11/642,135	US	UTL	DISCOVERING QUERY INTENT FROM SEARCH QUERIES AND CONCEPT NETWORKS	12/20/2006	11/23/2010
8135721	2011-0035397	12/909,354	US	UTL	Discovering Query Intent from Search Queries and Concept Networks	10/21/2010	3/13/2012
8707160	US-2008-0040301-A1	11/502,869	US	UTL	System and Method for Inferring User Interest Based on Analysis of User-Generated Metadata	8/10/2006	4/22/2014
-	EP 1929416	7783611	EP	UTL	Search Early Warning	5/10/2007	-
-	HK1135201	9112090	HK	UTL	Search Early Warning	5/10/2007	-
-	34/2009	8868/CHENP/2008	IN	UTL	Search Early Warning	5/10/2007	-
10-1106360	US-2007-0294203-A1	10-2009-7000838	KR	UTL	Search Early Warning	5/10/2007	1/9/2012
7945563	WO 2007/149650	11/424,799	US	UTL	Search Early Warning	6/16/2006	5/17/2011
8655916	US-2008-0077614-A1	11/525,486	US	UTL	System and method for creating user profiles	5/10/2007	-
-	2014-0143360 A1	14/151,549	US	UTL	System and Method for Creating User Profiles	9/22/2006	2/18/2014
-	2126726	8732140	EP	UTL	Browser Interpretable Document For Controlling A Plurality Of Media Players And Systems And Methods Related Thereto	1/9/2014	-
10-1134862	-	10-2009-7019589	KR	UTL	Browser Interpretable Document For Controlling A Plurality Of Media Players And Systems And Methods Related Thereto	3/13/2008	4/2/2012
1388996	200903271	97109436	TW	UTL	Browser interpretable document for controlling a plurality of media players and systems and methods related thereto	3/18/2008	3/11/2013
-	2008-0235588 A1	11/745,863	US	UTL	Media Player Playlist Creation and Editing Within a Browser Interpretable Document	5/8/2007	-
8756505	US-2009-0006953-A1	12/142,994	US	UTL	Browser Interpretable Document For Controlling A Plurality Of Media Players And Systems And Methods Related Thereto	6/20/2008	6/17/2014
-	WO 2008/115763	US2008/056876	WO	UTL	Browser Interpretable Document For Controlling A Plurality Of Media Players And Systems And Methods Related Thereto	3/13/2008	-
9123048	2008-0097863 A1	11/551,698	US	UTL	Systems And Methods For Receiving And Sponsoring Media Content	10/20/2006	9/1/2015
7546929	20080120072	11/432,266	US	UTL	System and method for Determining Semantically Related Terms (PAMMA)	5/11/2006	6/16/2009
-	2008-0004956 A1	11/478,331	US	UTL	Client side counting verification testing	6/29/2006	-
8666699	US 2008/0147480 A1	11/641,278	US	UTL	Transferring Behavioral Profile Anonymously Across Domains For Behavioral Targeting	12/19/2006	2/25/2014

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7809735	20080091841	11/548,640	US	UTL	INFRASTRUCTURE FOR MORE EFFICIENT PROCESSING TO GENERATE OF AD-HOC REPORTS	10/11/2006	10/5/2010
8054756	2008-0069081-A1	11/523,371	US	UTL	Path Discovery and Analytics for Network Data	9/18/2006	11/8/2011
8775416	US-2009-0177645A1	11/971,745	US	UTL	Adapting A Context-Independent Relevance Function For Identifying Relevant Search Results	1/9/2008	7/6/2014
7991769	20080010251	11/483,048	US	UTL	System and Method for Budgeted Generalization Search in Hierarchies	7/7/2008	8/2/2011
7562060	US-2007-0239642-A1	11/394,744	US	UTL	Large Scale Semi-Supervised Linear Support Vector Machines	3/31/2008	7/14/2009
8745183	2008-0104256 A1	11/588,020	US	UTL	System and Method for Adaptively Refreshing a Web Page	10/26/2008	6/3/2014
7949661	20080052263	11/510,412	US	UTL	System and Method for Identifying Web Communities from Seed Sets of Web Pages	8/24/2008	5/24/2011
7577644	US-2008-0091650-A1	11/548,548	US	UTL	Augmented Search With Error Detection and Replacement	10/11/2008	8/18/2009
7912831	20080082481	11/542,079	US	UTL	System and Method for Characterizing a Web Page Using Multiple Anchor Sets	10/3/2008	3/22/2011
7941383	US-2009-0164396A1	11/962,753	US	UTL	Maintaining state transition data for a plurality of users, modeling, detecting, and predicting user states and behavior	12/21/2007	5/10/2011
7921416	US-2008-0096370-A1	11/551,336	US	UTL	Formal Language and Translator for Parallel Processing of Data	10/20/2008	4/5/2011
-	14/2008	2079/DEL/2006	IN	UTL	DETERMINING LOGICALLY-RELATED SUB-STRINGS OF A STRING	9/21/2008	-
7747607	US-2008-0077563-A1	11/592,919	US	UTL	Determining Logically-Related Sub-Strings Of A String	11/2/2008	6/29/2010
7806667	US-2008-0140358-A1	11/635,404	US	UTL	SYSTEM AND METHOD FOR IDENTIFYING TARGET NODE GRAPHS FROM	12/6/2008	9/29/2010
7739275	20070271270	11/437,425	US	UTL	PREDETERMINED SEED NODE SUBSETS	5/19/2006	6/15/2010
8768772	20070067331	11/273,580	US	UTL	System and Method for Selecting Object Metadata Evolving Over Time	11/14/2005	7/1/2014
-	2014-0281861 A1	14/206,987	US	UTL	Social Bookmarking System	3/12/2014	-
-	-	PCT/US2007/082375	WO	UTL	Method And Apparatus For Tagging Data	10/24/2007	-
7822745	2007-0282285 A1	11/444,996	US	UTL	Method and Apparatus for Tagging Data	5/31/2006	10/26/2010
7624104	2008-0010281 A1	11/474,195	US	UTL	Keyword Set and Target Audience Profile	6/22/2008	11/24/2009
-	2010-0023513 A1	12/576,679	US	UTL	Generalization Techniques	10/9/2009	-
8633217	US 2008/0104027-A1	11/590,943	US	UTL	User-Sensitive PageRank	11/1/2008	9/10/2013
8638670	2014-0012873-A1	14/021,809	US	UTL	User-Sensitive PageRank	9/9/2013	4/1/2014
					SYSTEM AND METHOD FOR DYNAMICALLY RETRIEVING DATA SPECIFIC TO A REGION OF A LAYER		
					System and Method for Dynamically Retrieving Data Specific to a Region of a Layer		

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9235597	2014-0172838 A1	14/189,418	US	UTL	System and Method for Dynamically Retrieving Data Specific to a Region of a Layer	2/24/2014	1/12/2016
-	-	14/993,081	US	UTL	System and Method for Dynamically Retrieving Data Specific to a Region of a Layer	1/11/2016 -	
-	2039455	7782146	EP	UTL	PROVIDING AN ACTIONABLE EVENT IN AN INTERCEPTED TEXT MESSAGE FOR A MOBILE DEVICE BASED ON CUSTOMIZED USER INFORMATION	5/11/2007 -	
-	22/2009	15/CHENP/2009	IN	UTL	Providing An Actionable Event In An Intercepted Text Message For A Mobile Device Based On Customized User Information	5/11/2007 -	
10-1022937	-	10-2008-7032036	KR	UTL	Providing An Actionable Event In An Intercepted Text Message For A Mobile Device Based On Customized User Information	5/11/2007	3/9/2011
8170584	US-2007-0282954-A1	11/422,534	US	UTL	PROVIDING AN ACTIONABLE EVENT IN AN INTERCEPTED TEXT MESSAGE FOR A MOBILE DEVICE BASED ON CUSTOMIZED USER INFORMATION	6/5/2006	5/1/2012
-	WO 2007/1465245	PCT/US2007/068796	WO	UTL	PROVIDING AN ACTIONABLE EVENT IN AN INTERCEPTED TEXT MESSAGE FOR A MOBILE DEVICE BASED ON CUSTOMIZED USER INFORMATION	5/11/2007 -	
8977605	2008-0062275 A1	11/511,570	US	UTL	Structured Match In A Directory Sponsored Search System	8/28/2006	3/10/2015
8594702	US-2008-0126861-A1	11/593,869	US	UTL	Context Server for Associating Information Based on Context	11/5/2006	11/26/2013
9251252	2014-0089312 A1	14/087,503	US	UTL	Context Server for Associating Information Based on Context	11/22/2013	2/2/2016
-	2007-0256095 A1	11/414,684	US	UTL	System and Method for the Normalization of Advertising Metrics	4/27/2006 -	
-	2013749	7780794	EP	UTL	Contextual Mobile Local Search Based On Social Network Vitality Information	4/18/2007 -	
266294	13/2009	6414/CHENP/2008	IN	UTL	Contextual Mobile Local Search Based On Social Network Vitality Information	4/18/2007	4/23/2015
10-0979864	-	10-2008-7026557	KR	UTL	Contextual Mobile Local Search Based On Social Network Vitality Information	4/18/2007	8/27/2010
7636779	US-2007-0255831-A1	11/380,868	US	UTL	Contextual Mobile Local Search Based On Social Network Vitality Information	4/28/2006	12/22/2009
8005806	20080208973	12/117,575	US	UTL	Contextual Mobile Local Search Based On Social Network Vitality Information	5/8/2008	8/23/2011
-	WO 2007/127642	PCT/US07/66816	WO	UTL	Contextual Mobile Local Search Based On Social Network Vitality Information	4/18/2007 -	
-	20080103893	11/590,044	US	UTL	System and method for generating forecasted bids for advertisement keywords	10/30/2006 -	
-	2008-0091524 A1	11/580,586	US	UTL	System and method for advertisement price adjustment utilizing traffic quality data	10/13/2006 -	

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7581184	20070283290	11/437,415	US	UTL	SYSTEM AND METHOD FOR VISUALIZING THE TEMPORAL EVOLUTION OF OBJECT METADATA	5/19/2006	8/25/2009
7660862	US-2008-0104111-A1	11/553,783	US	UTL	Recommendation Diversity	10/27/2006	12/28/2010
-	WO 2008/021734	610/CHENP/2009	IN	UTL	CALENDAR EVENT, NOTIFICATION, AND ALERT BAR EMBEDDED WITHIN MAIL	8/2/2007	-
10-1064404	-	10-2009-7002503	KR	UTL	Calendar Event, Notification And Alert Bar Embedded Within Mail	8/2/2007	9/5/2011
8745141	US-2008-0034047-A1	11/530,766	US	UTL	Calendar Event, Notification, and Alert Bar Embedded Within Mail	8/7/2006	6/3/2014
-	WO2008/021734	PCT/US07/75027	WO	UTL	CALENDAR EVENT, NOTIFICATION, AND ALERT BAR EMBEDDED WITHIN MAIL	8/2/2007	-
-	39661	778/KOL/2006	IN	UTL	Agent For Identifying Domains With Content Arranged For Display By A Mobile Device	8/3/2006	-
8041703	US-2008-0033998-A1	11/564,756	US	UTL	AGENT FOR IDENTIFYING DOMAINS WITH CONTENT ARRANGED FOR DISPLAY BY A MOBILE DEVICE	11/29/2006	10/18/2011
-	9288873 2008-0040389 A1	11/611,002	US	UTL	LANDING PAGE IDENTIFICATION, TAGGING AND HOST MATCHING FOR A MOBILE APPLICATION	12/14/2006	2/23/2016
-	-	60/090,477	US	PRV	Internet Site Searching and Listing Service Based on Monetary Ranking of Site Listings	6/24/1998	-
6078866	-	09/153,151	US	UTL	INTERNET SITE SEARCHING AND LISTING SERVICE BASED ON MONETARY RANKING OF SITE LISTINGS	9/14/1998	6/20/2000
-	WO/2000/016218	PCT/US1999/020486	WO	UTL	INTERNET SITE SEARCHING AND LISTING SERVICE BASED ON MONETARY RANKING OF SITE LISTINGS	9/10/1999	-
-	-	60/137,788	US	PRV	SYSTEM AND METHOD FOR MONITORING USER INTERACTION WITH ELECTRONIC DEVICES	6/3/1999	-
-	-	60/139,915	US	PRV	SYSTEM AND METHOD FOR MONITORING USER INTERACTION WITH ELECTRONIC DEVICES	6/17/1999	-
7523191	20070033105	09/587,236	US	UTL	System and Method for Monitoring User Interaction with Web Page	6/2/2000	4/21/2009
7958234	US-2009-0271514-A1	12/397,780	US	UTL	System and Method For Monitoring User Interaction With Web Pages	3/4/2009	6/7/2011
2003226107	-	2003226107	AU	UTL	DISPLAYING PAID SEARCH LISTINGS IN PROPORTION TO ADVERTISER SPENDING	3/31/2003	11/21/2008
10-0908756	-	10-2007-7007092	KR	UTL	DISPLAYING PAID SEARCH LISTINGS IN PROPORTION TO ADVERTISER SPENDING	3/31/2003	7/14/2009
-	-	60/369,460	US	PRV	PROPORTION TO ADVERTISER SPENDING DISPLAYING PAID SEARCH LISTINGS IN	4/1/2002	-
7454409	US 2003-0220918 A1	10/403,823	US	UTL	Displaying Paid Search Listings in Proportion to Advertiser Spending	3/31/2003	11/18/2008

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8001103	US-2008-0288356-A1	12/18,4,004	US	UTL	Displaying Paid Search Listings in Proportion to Advertiser Spending	7/31/2008	8/16/2011
-	-	US03/09528	WO	UTL	DISPLAYING PAID SEARCH LISTINGS IN PROPORTION TO ADVERTISER SPENDING	3/31/2003 -	
7761805	US-2008-0066017-A1	11/519,563	US	UTL	DISPLAYING ITEMS USING A REDUCED PRESENTATION	9/11/2006	7/20/2010
7630970	US-2008-0126308-A1	11/605,763	US	UTL	Wait Timer For Partially Formed Query	11/28/2006	12/8/2009
7680786	US-2008-0104026-A1	11/590,354	US	UTL	Optimization of Targeted Advertisements Based on User Profile Information	10/30/2006	3/16/2010
8060520	US-2010-0169175-A1	12/722,420	US	UTL	Optimization of Targeted Advertisements Based on User Profile Information	3/11/2010	11/15/2011
-	WO 2008/054991	PCT/US07/81565	WO	UTL	On User Profile Information	10/16/2007 -	
-	-	60/102,191	US	PRV	Traffic Bypassing in a Network Server	9/28/1998 -	
6687732	-	03/369,659	US	UTL	Adaptive Traffic Bypassing in an Intercepting Network Driver	8/5/1999	2/3/2004
7707198	US-2008-0140712-A1	11/609,884	US	UTL	HARVESTING OF MEDIA OBJECTS FROM SEARCHED SITES WITHOUT A USER HAVING TO ENTER THE SITES	12/12/2006	4/27/2010
7941416	2010-0211645-	12/722,504	US	UTL	Harvesting of Media Objects From Searched Sites Without a User Having to Enter the Sites	3/11/2010	5/10/2011
-	-	7871484	EP	UTL	Methods, Systems and Apparatus for Delivery of Media	11/15/2007 -	
-	34/2009	2826/CHENP/2009	IN	UTL	Methods, Systems and Apparatus for Delivery of Media	11/15/2007 -	
10-1097693	-	10-2009-7012882	KR	UTL	Methods, Systems and Apparatus for Delivery of Media	11/15/2007	12/15/2011
8402356	US-2008-0117202-A1	11/562,979	US	UTL	Methods, Systems and Apparatus for Delivery of Media	11/22/2006	3/19/2013
-	2009-0024452 A1	12/237,709	US	UTL	Methods, Systems and Apparatus for Delivery of Media	9/25/2008 -	
-	WO 2008/064071 A2	PCT/US2007/084807	WO	UTL	Methods, Systems and Apparatus for Delivery of Media	11/15/2007 -	
-	2007-0239634 A1	11/394,248	US	UTL	Method and Apparatus for Selecting Advertisements to Serve Using User Profiles, Performance Scores, and Advertisement Revenue Information	3/29/2006 -	
-	2008-0134235 A1	11/566,916	US	UTL	Telepresence Via Wireless Streaming Multicast	12/5/2008 -	
8386232	US-2007-0282591-A1	11/445,587	US	UTL	Predicting Results For Input Data Based On A Model Generated From Input Data Based On A	6/1/2008	2/26/2013
-	2007/142982 A1	PCT/US2007/012762	WO	UTL	Model Generated From Clusters	5/30/2007 -	
8301616	US-2008-0016034-A1	11/486,818	US	UTL	Search Equalizer	7/14/2006	10/30/2012
7664744	US-2008-0016046-A1	11/881,503	US	UTL	Query Categorizer	7/26/2007	2/16/2010
8868539	2013-0054555A1	13/629,410	US	UTL	Search Equalizer	9/27/2012	10/21/2014

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2001290363	-	2001290363	AU	UTL	A method for searching and analysing information in data networks	9/11/2001	5/19/2006
-	-	P10113882-0	BR	UTL	Method for searching and analysing information in data networks	9/11/2001 -	
2420382	-	2420382	CA	UTL	Method for searching and analysing information in data networks	9/11/2001	4/19/2011
60126798	-	1970363	DE	UTL	Method for searching and analysing information in data networks	9/11/2001	2/21/2007
1325434	-	1970363	EP	UTL	Method for searching and analysing information in data networks	9/11/2001	2/21/2007
1325434	-	1970363	FR	UTL	Method for searching and analysing information in data networks	9/11/2001	2/21/2007
1325434	-	1970363	GB	UTL	Method for searching and analysing information in data networks	9/11/2001	2/21/2007
200456	-	503/CHENP/2003	IN	UTL	A Method for searching and analysing information in data networks	9/11/2001	5/24/2006
10-0514149	-	10-2003-7003774	KR	UTL	System and Method for Enhancing Crawling by Extracting Requests for Webpages in an Information Flow	9/11/2001	9/3/2005
7093012	US 2002-0032772 A1	09/950,883	US	UTL	Method for searching and analysing information in data networks	9/13/2001	8/15/2006
-	-	PCT/NO01/00371	WO	UTL	BRILLIANT QUERY SYSTEM	9/11/2001 -	
6546386	-	09/703,006	US	UTL	Targeted e-commerce system	10/31/2000	4/8/2003
7702541	US 2002-0016741 A1	09/738,471	US	UTL	METATAG-BASED DATAMINING	12/15/2000	4/20/2010
7464086	US 2002-0035573 A1	09/952,827	US	UTL	System and Method for Providing Web System Services for Storing Data and Context of Client Applications on the Web	9/14/2001	12/9/2008
8041761	20060229251	11/724,719	US	UTL	System and Method of Providing Context Information for Client Application Data Stored on the Web	3/16/2007	10/18/2011
8046436	20060228806	11/724,716	US	UTL	System and Method of Storing Data and Context of Client Applications on the Web	3/16/2007	10/25/2011
8046437	20060228807	11/724,730	US	UTL	System and Method of Restoring Data and Context of Client Applications Stored on the Web	3/16/2007	10/25/2011
8046438	20060228837	11/724,732	US	UTL	System and Method of Providing a User Interface for Client Applications to Store Data and Context Information on the Web	3/16/2007	8/9/2011
7996779	20060228806	11/724,718	US	UTL	System and method for automatically organizing bookmarks through the use of tag data	12/27/2007	9/1/2012
1371696	200844772	96150648	TW	UTL	System and method for automatically organizing bookmarks through the use of tag data	1/17/2007	8/30/2011
8010532	US-2008-0172399-A1	11/624,072	US	UTL	Method and System for Creating, Serving and Tracking Advertisements	10/28/2002 -	
-	-	60/421,762	US	PRV			

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8000999	US 2004-0117259 A1	10/696,295	US	UTL	Method and System for Creating, Serving and Tracking Advertisements	10/28/2003	6/16/2011
-	WO/2004/040418	PCT/US2003/034305	WO	UTL	METHOD AND SYSTEM FOR CREATING, SERVING AND TRACKING ADVERTISEMENTS	10/28/2003	-
7596587	2008-0021859 A1	11/489,885	US	UTL	Multi-tiered Storage	7/19/2006	9/29/2009
-	-	60/106,002	US	PRV	BROWSER INTERFACE OVERLAY TECHNOLOGY	10/28/1998	-
7107548	2004-0165007 A1	09/429,585	US	UTL	METHOD OF CONTROLLING AN INTERNET BROWSER INTERFACE AND A CONTROLLABLE BROWSER INTERFACE	10/28/1999	9/12/2006
-	-	60/331,565	US	PRV	Method and system of facilitating automatic login to a web site using an internet browser	11/16/2001	-
-	2006-0106680 A1	11/322,529	US	UTL	Method And System Of Facilitating On-Line Shopping Using A Downloadable Toolbar	12/30/2005	-
7788603	-	11/322,469	US	UTL	Method And System Of Facilitating Automatic Login To A Web Site Using An Internet Browser	12/30/2005	8/31/2010
7676762	2006-0136843 A1	11/362,237	US	UTL	Method of controlling an internet browser interface and a controllable browser interface	2/24/2006	3/9/2010
7712033	2006-0112341 A1	11/347,149	US	UTL	Method Of Controlling An Internet Browser Interface And A Controllable Browser Interface	2/2/2006	5/4/2010
7186333	-	09/687,075	US	UTL	A METHOD AND SYSTEM FOR MANAGING THE RESOURCES OF AN APPLICATION PROGRAM	6/2/2000	2/27/2007
-	WO 2000/025329	PCT/US99/25332	WO	UTL	A METHOD OF CONTROLLING AN INTERNET BROWSER INTERFACE AND A CONTROLLABLE BROWSER INTERFACE	10/28/1999	-
-	2003/038554	PCT/US02/34509	WO	UTL	METHOD AND SYSTEM OF FACILITATING ON-LINE SHOPPING USING AN INTERNET BROWSER	10/28/2002	-
-	-	PCT/US01/16993	WO	UTL	A METHOD AND SYSTEM FOR MANAGING THE RESOURCES OF AN APPLICATION PROGRAM	5/24/2001	-
-	-	PCT/US02/34510	WO	UTL	Method and system of facilitating automatic login to a web site using an internet browser	10/28/2002	-
6457005	-	60/139,627	US	PRV	Referral Management System	8/17/1999	-
6317786	-	09/474,379	US	UTL	Method and System for Referral Management	12/29/1999	9/24/2002
6279001	-	09/086,836	US	UTL	Web Service	5/29/1998	11/13/2001
7693865	US-2008-0059508 A1	09/086,874	US	UTL	Web Service	5/29/1998	8/21/2001
-	14/2008	11/514,076	IN	UTL	Techniques For Navigational Query Identification	8/30/2006	4/6/2010
9087507	2008-0086303 A1	2005/DEL/2006	US	UTL	AURAL SKIMMING AND SCROLLING	9/15/2006	-
-	US-2008-0027798 A1	11/600,346	US	UTL	Aural Skimming And Scrolling	11/15/2006	7/21/2015
-	-	11/492,387	US	UTL	Serving Advertisements Based on Keywords Related to a Webpage Determined Using External Metadata	7/25/2006	-

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7974966	US-2008-0021904-A1	1/1491,309	US	UTL	Authenticating A Site While Protecting Against Security Holes By Handling Common Web Server Configurations	7/21/2006	7/5/2011
8112703	US-2008-0034279-A1	1/1491,438	US	UTL	Aggregate Tag Views Of Website Information Technique For Providing A Reliable Trust Indicator To A Webpage	7/21/2006	2/7/2012
8301728	US-2008-0021981-A1	1/1491,365	US	UTL	Providing A Reliable Trust Indicator For Content	7/21/2006	10/30/2012
855370	2013-0018737 A1	13/625,581	US	UTL	Confusion Matrix for Classification Systems	9/24/2012	11/26/2013
8611675	20080154807	1/1644,172	US	UTL	System and Method for Tracking Purchases Related to Digital Advertisements	12/22/2006	12/17/2013
-	US-2008-0103888-A1	1/1588,047	US	UTL	Method and Apparatus for Reconstructing a Search Query	10/26/2006	-
7716201	US-2008-0040323-A1	1/1502,202	US	UTL	Search Query	8/10/2006	5/11/2010
8046347	2010-0287149	12/765,676	US	UTL	Method and Apparatus for Reconstructing A Search Query	4/22/2010	10/25/2011
8209317	2012-0030186	13/270,933	US	UTL	Method and Apparatus for Reconstructing A Search Query	10/11/2011	6/26/2012
7953775	US-2008-0109881-A1	1/1594,520	US	UTL	SHARING TAGGED DATA ON THE INTERNET	11/7/2006	5/31/2011
-	20080201218	11/708,272	US	UTL	Methods of Dynamically Creating Personalized Internet Advertisements Based on Content	2/20/2007	-
-	2014-0310100 A1	14/318,049	US	UTL	Methods of Dynamically Creating Personalized Internet Advertisements Based on Content	6/27/2014	-
8550265	20060201220	11/708,396	US	UTL	Methods of Dynamically Creating Personalized Internet Advertisements Based on Advertiser Input	2/20/2007	2/11/2014
1451275	200917070	97/125193	TW	UTL	System And Method To Facilitate Matching of Content to Advertising Information In A Network	7/4/2008	9/1/2014
-	-	108125976	TW	UTL	System and Method to Facilitate Matching of Content to Advertising Information in a Network	7/30/2014	-
8588521	US-2009-0024468-A1	11/781,147	US	UTL	System and Method to Facilitate Matching of Content to Advertising Information in a Network	7/20/2007	4/1/2014
-	W/O 2009/014837	PCT/US08/67938	WO	UTL	System and Method to Facilitate Matching of Content to Advertising Information in a Network	6/23/2008	-
7991806	US-2009-0024649-A1	11/781,183	US	UTL	System and Method to Facilitate Matching of Content to Advertising Information in a Network	7/20/2007	8/2/2011
8668819	2009-0024469 A1	11/781,170	US	UTL	Data Taxonomies within a Network	7/20/2007	3/4/2014
-	2084617	7812037	EP	UTL	System and Method to Facilitate Classification and Storage of Events in a Network	7/20/2007	-
-	34/2009	2832/CHENP/2009	IN	UTL	Determining Mobile Content For A Social Network	6/6/2007	-
10-1073751	-	10-2009-7011168	KR	UTL	Determining Mobile Content For A Social Network	6/6/2007	10/7/2011
7917154	US-2008-0102856-A1	11/555,675	US	UTL	Based On Location And Time	11/1/2006	3/29/2011
8108501	US-2008-0104227-A1	11/555,672	US	UTL	Determining Mobile Content For A Social Network Based On Location And Time	11/1/2006	1/31/2012

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8260315	2011-0159890	13/042,251	US	UTL	Determining Mobile Content For A Social Network Based On Location And Time	3/7/2011	9/4/2012
-	WO 2008/054882	PCT/US07/70520	WO	UTL	Determining Mobile Content For A Social Network Based On Location And Time	6/6/2007 -	
8566205	2009-0024510	11/879,940	US	UTL	System and method of making markets for a finite subset of orders placed across continuous and countably infinite outcome spaces	7/18/2007	10/22/2013
-	2095270	7855179	EP	UTL	Techniques for including Collection Items in Search Results	12/14/2007 -	
-	1192339	14/105437	HK	UTL	Techniques for including Collection Items in Search Results	12/14/2007 -	
-	34/2009	3165/CHENP/2009	IN	UTL	Techniques for including Collection Items in Search Results	12/14/2007 -	
10-1298334	-	10-2009-7012474	KR	UTL	Techniques for including Collection Items in Search Results	12/14/2007	8/13/2013
7956126	US-2008-0147640-A1	11/642,178	US	UTL	TECHNIQUES FOR INCLUDING COLLECTION ITEMS IN SEARCH RESULTS	12/19/2006	6/7/2011
-	2011-0238675	13/154,424	US	UTL	Techniques For Including Collection Items In Search Results	6/6/2011 -	
-	2015-0161264 A1	14/618,548	US	UTL	Techniques For Including Collection Items In Search Results	2/10/2015 -	
-	WO 2008/076920	PCT/US07/87635	WO	UTL	TIME-BASED ANALYSIS OF RELATED SEARCH RESULTS	12/14/2007 -	
7937403	2008-0104050-A1	11/554,514	US	UTL	KEYWORD SEARCHING	10/30/2006	5/3/2011
8171237	US-2008-0104649-A1	11/555,249	US	UTL	AUTOMATIC ASSOCIATION OF REFERENCE DATA WITH PRIMARY PROCESS DATA BASED ON TIME AND SHARED IDENTIFIER	10/31/2006	5/1/2012
8397037	2012-0191755	13/437,866	US	UTL	AUTOMATIC ASSOCIATION OF REFERENCE DATA WITH PRIMARY PROCESS DATA BASED ON TIME AND SHARED IDENTIFIER	4/2/2012	3/12/2013
8621162	2013-0151545 A1	13/764,518	US	UTL	AUTOMATIC ASSOCIATION OF REFERENCE DATA WITH PRIMARY PROCESS DATA BASED ON TIME AND SHARED IDENTIFIER	2/11/2013	12/31/2013
7797295	US-2008-0168048-A1	11/650,194	US	UTL	USER CONTENT FEEDS FROM USER STORAGE DEVICES TO A PUBLIC SEARCH ENGINE	1/4/2007	9/14/2010
-	2008-0141138 A1	11/567,335	US	UTL	APPARATUS AND METHODS FOR PROVIDING A PERSON'S STATUS	12/6/2006 -	
7921092	US-2008-0133482-A1	10/633,762	US	UTL	Topic-Focused Search Result Summaries	12/4/2006	4/5/2011
-	WO 2008/070470	PCT/US07/085520	WO	UTL	Topic-Focused Search Result Summaries	11/26/2007 -	
8041303	US-2008-0148160-A1	11/612,339	US	UTL	AUTO SNIFFING OF CARRIER PERFORMANCE USING REVERSE ROUND TRIP TIME	12/18/2006	10/18/2011
7814086	US-2008-0120072-A1	11/600,698	US	UTL	System and Method for Determining Semantically Related Terms Based on a Sequences of Search Queries	11/16/2006	10/12/2010

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7552112	20080071740	11/522,638	US	UTL	Discovering Associative Item Queries From Search Web Logs	9/18/2005	6/23/2009
9002296	2008-0155425 A1	11/613,913	US	UTL	Browser Renderable Toolbar	12/20/2006	4/7/2015
10-1057925	-	10-2009-7008890	KR	UTL	Rights Engine	11/8/2007	8/11/2011
-	2008-0114688 A1	11/735,395	US	UTL	Systems and Methods for Providing Bundles of Rights	4/13/2007	-
-	WO 2008/060946	PCT/US2007/084091	WO	UTL	Rights Engine	11/8/2007	-
8132151	US-2008-0021876-A1	11/489,738	US	UTL	Action Tags	7/18/2006	3/6/2012
8166058	US-2008-0162431-A1	11/647,938	US	UTL	IDENTIFYING INTEREST TWINS IN AN ONLINE COMMUNITY	12/28/2006	4/24/2012
-	2012-0197922 A1	13/443,758	US	UTL	Asymmetric Identification of Interest Twins in an Online Community	4/10/2012	-
8046248	US-2008-0155465-A1	11/644,848	US	UTL	Identifying Items That Have Experienced Recent Interest Bursts	12/21/2006	10/25/2011
8554869	US-2008-0034059-A1	11/498,540	US	UTL	Providing An Interface To Browse Links Or Redirects To A Particular Webpage	8/2/2006	10/6/2013
-	US-2008-008496-A1	11/544,789	US	UTL	Communal Tagging	10/5/2006	-
7756867	20080201317	11/707,733	US	UTL	RANKING DOCUMENTS	2/8/2007	7/13/2010
7958111	2010-0256874	12/832,009	US	UTL	Ranking Documents	7/7/2010	6/7/2011
2008327678	-	2008327678	AU	UTL	Federated Search Implemented Across Multiple Search Engines	2/12/2008	10/6/2011
-	1187711	14100676	HK	UTL	Federated Search Implemented Across Multiple Search Engines	2/12/2008	-
-	45/2009	4917/CHENP/2009	IN	UTL	Federated Search Implemented Across Multiple Search Engines	2/12/2008	-
10-1145083	-	10-2009-7019267	KR	UTL	Federated Search Implemented Across Multiple Search Engines	2/12/2008	5/3/2012
10-1242917	-	10-2011-7028147	KR	UTL	Federated Search Implemented Across Multiple Search Engines	2/12/2008	3/6/2013
10-1340747	-	10-2012-7027515	KR	UTL	Federated Search Implemented Across Multiple Search Engines	2/12/2008	12/5/2013
1463337	200842624	97102683	TW	UTL	Method And System For Federated Search Implemented Across Multiple Search Engines	1/24/2008	12/1/2014
7930286	US-20080201304-A1	11/707,884	US	UTL	Federated Searches Implemented Across Multiple Search Engines	2/16/2007	4/19/2011
-	WO 2009/0086140	PCT/IB08/002738	WO	UTL	Federated Search Implemented Across Multiple Search Engines	2/12/2008	-
7695304	20080140861	11/567,375	US	UTL	Web Services Multi-Protocol Support	12/6/2006	3/23/2010
7523123	20080120314	11/560,523	US	UTL	Map-reduce with merge to process multiple relational datasets	11/16/2006	4/21/2009
8190610	2008-0086442	11/539,090	US	UTL	Mapreduce For Distributed Database Processing	10/5/2006	5/29/2012
-	2008-0103884 A1	11/552,812	US	UTL	Inserting Advertisements into A Slide Show	10/25/2006	-
-	2008-0103899 A1	11/747,114	US	UTL	Inserting advertisements into a ticker	5/10/2007	-
9037576	2009-0049051 A1	11/839,674	US	UTL	Systems And Methods For Providing Media Access Patterns In A Geographic Area	6/16/2007	5/19/2015

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8599203	US-2009-0160859-A1	11/961,013	US	UTL	Systems and Methods for Presenting Visualizations of Media Access Patterns	12/20/2007	12/3/2013
0586,361	-	29/305,572	US	DES	USER INTERFACE FOR A COMPUTER DISPLAY	3/24/2008	2/10/2009
D586,362	-	29/305,573	US	DES	USER INTERFACE FOR A COMPUTER DISPLAY	3/24/2008	2/10/2009
8744883	20080147575	11/642,392	US	UTL	System and Method for Labeling a Content Item Based on a Posterior Probability Distribution	12/19/2008	6/3/2014
1420378	-	97105802 TW	US	UTL	Method for customizing a user interface	2/19/2008	12/21/2013
-	2015-0039983 A1	14/515,572	US	UTL	System and method for customizing a user interface	10/16/2014 -	
7917489	20080228720	11/724,637	US	UTL	Implicit Name Searching	3/14/2007	3/29/2011
8015189	US-2008-0126368-A1	11/557,899	US	UTL	CUSTOMIZABLE CONNECTIONS BETWEEN MEDIA AND META-DATA VIA FEEDS	11/8/2006	9/6/2011
8825625	20080189247	11/670,317	US	UTL	Method and system for improved categorical searching	2/1/2007	9/2/2014
7685119	US-2008-0154856-A1	11/642,207	US	UTL	SYSTEM AND METHOD FOR QUERY EXPANSION	12/20/2006	3/23/2010
1373226	200840268	97100810	TW	UTL	Collecting Implicit Information for Determining Context of Event Actions	1/9/2008	9/21/2012
8599801	2008-0270586	11/670,400	US	UTL	Collecting Implicit Information for Determining Context of Event Actions	2/1/2007	12/3/2013
7865306	20080235084	11/688,749	US	UTL	EMPLOYING MATCHING OF EVENT CHARACTERISTICS TO SUGGEST ANOTHER INSTANT CONTACT SEARCHING AND PRESENTATION BY CATEGORY	3/20/2007	1/4/2011
8370349	20080208812	11/712,855	US	UTL	System and Method for Learning A Weighted Index To Categorize Objects	2/28/2007	2/5/2013
7756645	20080162385	11/648,323	US	UTL	System and Method for Generating a Maximum Utility State of Advertisements for Online Advertisement Auctions	12/28/2006	7/13/2010
7962465	US-2008-0098025-A1	11/584,403	US	UTL	System and Method for Determining Web Page Quality Using Collective Inference Based on Local and Global Information	10/19/2006	6/14/2011
8719096	20080154662	11/642,433	US	UTL	Academic Filter	12/20/2006	5/6/2014
7809705	20080195631	11/706,025	US	UTL	Techniques For Searching Future Events	2/13/2007	10/5/2010
8024280	US-2008-0154833-A1	11/644,288	US	UTL	USER QUERY DATA MINING AND RELATED TECHNIQUES	12/21/2006	9/20/2011
7668813	2008-0040321 A1	11/463,976	US	UTL	System and method for generating substitutable queries on the basis of one or more features	8/11/2006	2/23/2010
7617208	US-2008-0065631-A1	11/531,245	US	UTL	Method and user interface tool for navigation through grid of scheduled items	9/12/2006	11/10/2009
7739664	US-2008-0114721-A1	11/600,603	US	UTL	System and Method for Enhanced Text Matching	11/15/2006	6/15/2010
8381130	US-2008-0126989-A1	11/606,647	US	UTL		11/29/2006	2/19/2013
7783660	US-2008-0086488-A1	11/539,040	US	UTL		10/5/2006	8/24/2010

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-	2008-0140504 A1	11/609,107	US	UTL	Systems And Methods For Providing A Relevant Link Destination	12/11/2008 -
8160925	US 2008/0140524 A1	11/638,314	US	UTL	SYSTEM FOR GENERATING A SMART ADVERTISEMENT BASED ON A DYNAMIC FILE	12/12/2008 4/17/2012
-	WO 2008/073549 A1	PCT/US07/78194	WO	UTL	AND A CONFIGURATION FILE	9/11/2007 -
-	US-2008-0133344-A1	11/567,176	US	UTL	Smart Advertisement Generating System	12/5/2008 -
7590615	US-2008-0140711	11/609,294	US	UTL	CROSS-VERTICAL ADVERTISEMENT SYSTEMS AND METHODS FOR PROVIDING	12/11/2008 9/15/2009
7844588	US-2009-0299826-A1	12/636,188	US	UTL	Systems And Methods For Providing Cross-Vertical Profiling And Searching	8/5/2009 11/30/2010
7827166	US-2008-0091685-A1	11/580,443	US	UTL	Vertical Profiling And Searching	10/13/2006 11/2/2010
-	2008-0109422 A1	11/558,088	US	UTL	Handling Dynamic Urls In Crawl For Better Coverage Of Unique Content	11/2/2006 -
8534622	US-2008-0148108-A1	11/612,004	US	UTL	Personalized search	12/18/2006 10/8/2013
8655724	2014-0006145 A1	14/018,873	US	UTL	EVALUATING PERFORMANCE OF BINARY CLASSIFICATION SYSTEMS	9/5/2013 2/18/2014
-	US-2008-0097813-A1	11/962,920	US	UTL	Evaluating Performance of Click Fraud Detection Systems	12/21/2007 -
7949662	US-2007-0028263-A1	11/321,729	US	UTL	System and method for optimizing advertisement campaigns according to advertiser specified business objectives	12/28/2005 5/24/2011
7630878	US-2008-0147637-A1	11/639,492	US	UTL	System and Method For Optimizing Advertisement Campaigns Using a Limited Budget	12/14/2008 12/8/2009
-	200907840	97112792	TW	UTL	QUERY REWRITING WITH SPELL CORRECTION SUGGESTIONS USING A GENERATED SET OF QUERY FEATURES	4/9/2008 -
-	US-2008-0114607-A1	11/595,585	US	UTL	A Method and System for Bidding on Advertisements	11/9/2008 -
-	US-2008-0114672-A1	11/773,294	US	UTL	System For Generating Advertisements Based on Search Intent	4/12/2007 -
-	WO 2008/127869	PCT/US08/59041	WO	UTL	Method and System for Bidding on Advertisements	4/1/2008 -
381279	-	97134494	TW	UTL	Method and apparatus for using shortcut sets in performing computer-based searches	9/9/2008 1/1/2013
7752285	US-2009-0077200-A1	11/924,863	US	UTL	Open Shortcut Sets for Controlled Environments and Social Groups	10/26/2007 7/6/2010
8586424	US-2010-0185752-A1	12/732,156	US	UTL	Shortcut Sets For Controlled Environments	9/17/2007 -
8694614	-	14/056,831	US	UTL	Shortcut Sets For Controlled Environments	3/25/2010 10/22/2013
7822734	US-2008-0140637-A1	11/638,057	US	UTL	SELECTING AND PRESENTING USER SEARCH RESULTS BASED ON AN ENVIRONMENT TAXONOMY	10/17/2013 4/8/2014
						12/12/2006 10/26/2010

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8341144	2011-0071999	12/903,345	US	UTL	Selecting and Presenting User Search Results Based on User Information	10/13/2010	12/29/2012
7895175	US-2008-0114731-A1	11/600,345	US	UTL	Client-Side Federated Search	11/15/2006	2/22/2011
-	US-2008-0147617-A1	11/642,177	US	UTL	Providing System Configuration Information To A Search Engine	12/19/2006	-
8380706	2008-0133477-A1	11/567,099	US	UTL	Sponsored Search Coverage Expansion	12/5/2006	2/19/2013
-	2013-0198000 A1	13/750,895	US	UTL	Sponsored search coverage expansion	1/25/2013	-
7627172	20080228750	11/724,539	US	UTL	QUERY LOG MATCH RELEVANCE FEATURES	3/14/2007	11/2/2010
7752191	20080133497	11/567,139	US	UTL	INCREMENTAL-CLICK ANALYSIS OF KEYWORD SEARCHING	12/5/2006	7/6/2010
8010996	US-2008-0046968-A1	11/627,161	US	UTL	AUTHENTICATION SEAL FOR ONLINE APPLICATIONS	1/25/2007	8/30/2011
7900145	US-2008-0126387 A1	11/557,720	US	UTL	System and Method for Synchronizing Data	11/8/2006	3/1/2011
8045802	US-2008-0134251-A1	11/566,032	US	UTL	End of Program Pattern Detector	12/1/2006	10/25/2011
-	2008-0072150 A1	11/470,583	US	UTL	Event-based Display and Methods Therefor	9/6/2006	-
7680939	2008-0155440 A1	11/613,960	US	UTL	Graphical User Interface To Manipulate Syndication Data Feeds	12/20/2006	3/16/2010
-	WO 2008/048926	PCT/US2007/081383	WO	UTL	Supplemental Display Matching Using Syndication Information	10/15/2007	-
8356039	US-2008-0154955-A1	11/614,936	US	UTL	Providing Multiple Media Items To A Consumer Via A Simplified Consumer Interaction	12/21/2006	1/15/2013
-	2013-0132409 A1	13/736,562	US	UTL	Media Items To A Consumer Via A Simplified Consumer Interaction	1/10/2013	-
8686707	20080147780	11/611,648	US	UTL	Intervention Processing Of Requests Relative To Syndication Data Feed Items	12/15/2006	11/11/2014
8224889	20080147729	11/611,668	US	UTL	MODERATED SYNDICATION DATA FEED	12/15/2006	7/17/2012
9178793	-	11/537,444	US	UTL	Engine for Processing Content Rules Associated with Locations in a Page	9/29/2006	11/3/2015
-	-	14/929,651	US	UTL	Engine for Processing Content Rules Associated with Locations in a Page	11/2/2015	-
7996000	-	11/537,003	US	UTL	MANAGING PAGE SIZES FOR A MOBILE DEVICE USING ESTIMATION OF CONTENT CUSTOMIZER TECHNIQUES	9/29/2006	8/9/2011
8224308	-	11/537,324	US	UTL	Mobile Device Catalog Registration Based on User Agents and Customer Snapshots of Capabilities	9/29/2006	7/17/2012
8620315	-	11/536,975	US	UTL	Multi-tiered anti-stripe registration for a mobile device user	9/29/2006	12/31/2013
-	2074571	7784252	EP	UTL	MOBILE MONETIZATION	5/31/2007	-
-	-	2105/CHENP/2009	IN	UTL	MOBILE MONETIZATION	5/31/2007	-
10-1366426	-	10-2012-7033652	KR	UTL	Mobile Monetization	5/31/2007	2/17/2014
8521832	-	11/538,780	US	UTL	MOBILE MONETIZATION	10/4/2006	8/27/2013
-	2013-0332266 A1	13/967,561	US	UTL	Mobile Monetization	8/15/2013	-
-	WO 2008/042474	PCT/US07/70137	WO	UTL	MOBILE MONETIZATION	5/31/2007	-

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8331096	200802226905	US	11/686,794	US	UTL	MANAGING LIST TAILORING FOR A MOBILE DEVICE	3/15/2007	2/19/2013
8010087	2008-00523359	US	11/894,493	US	UTL	MOBILE CARRIER CAPABILITY	8/20/2007	8/30/2011
7769786	2008-0063267 A1	US	11/849,924	US	UTL	Mobile Intelligence Tasks	9/4/2007	-
7996897	20080147476	US	11/612,758	US	UTL	Propensity-to-Click Targeting and Modeling	12/19/2006	8/3/2010
8635203	2009-0187987	US	12/011,114	US	UTL	Learning Framework for Online Applications	1/23/2008	8/9/2011
8713192	US 2008-0120276-A1	US	11/560,690	US	UTL	Systems and Methods for Using Query Patterns to Disambiguate Query Intent	11/16/2006	1/21/2014
8106390	US-2008-0235142-A1	US	11/745,847	US	UTL	System and Methods for Obtaining Rights in Playlist Entries	5/8/2007	-
-	US-2008-0140850-A1	US	11/608,649	US	UTL	System and Method for Routing Streaming Data Requests	12/8/2006	4/29/2014
7636713	US 2008/0154858-A1	US	11/644,176	US	UTL	System for Targeting Data to Sites Referenced on a Page	12/21/2006	1/31/2012
-	37/2008	IN	194/DEL/2007	IN	UTL	USING ACTIVATION PATHS TO CLUSTER PROXIMITY QUERY RESULTS	11/31/2007	-
6280871	US-2008-0183695-A1	US	11/729,203	US	UTL	Using activation paths to cluster proximity query results	3/27/2007	12/22/2009
10-1214713	31/2008	IN	2836/DEL/2006	IN	UTL	IDENTIFYING OFFENSIVE CONTENT USING USER CLICK DATA	12/29/2006	-
10-1301316	US-2008-0162540-A1	US	11/713,212	US	UTL	Identifying Offensive Content Using User Click Data	3/2/2007	10/2/2012
8423603	US 2008/0270921 A1	US	10-2009-7014984	KR	UTL	Providing Real Time Information in a Visual Information Unit	12/17/2007	12/14/2012
-	-	KR	10-2012-7009535	KR	UTL	Providing Real Time Information in a Visual Information Unit	12/17/2007	8/22/2013
7877317	20080120123	US	12/169,578	US	UTL	Providing Real Time Information in a Visual Information Unit	7/8/2008	4/16/2013
8065667	20080235671	US	PCT/US2007/025906	WO	UTL	Providing Real Time Information in a Visual Information Unit	12/17/2007	-
7886042	US-2008-0147616-A1	US	11/603,853	US	UTL	Method and System for Finding Similar Charts for Financial Analysis	11/21/2006	1/25/2011
-	2015-0033577 A1	US	11/726,082	US	UTL	INJECTING CONTENT INTO THIRD PARTY DOCUMENTS FOR DOCUMENT PROCESSING	3/20/2007	11/22/2011
8006928	2009-0198644-A1	US	11/642,176	US	UTL	Dynamically Constrained, Forward Scheduling Over Uncertain Workloads	12/19/2006	2/8/2011
7853721	US-2008-0114897-A1	US	14/514,515	US	UTL	System and method for generating revenue for publishers of multimedia content over a network	10/15/2014	-
8108555	2011-0055349	US	12/026,376	US	UTL	Learning Query Rewrite Policies	2/5/2008	8/23/2011
8458025	US 2008/0154866-A1	US	11/595,220	US	UTL	System and method for transmission of DNS beacons	11/9/2006	12/14/2010
-	-	US	12/942,676	US	UTL	System and method for transmission of DNS beacons	11/9/2010	1/31/2012
-	-	US	11/698,507	US	UTL	SYSTEM FOR GENERATING SCORES RELATED TO INTERACTIONS WITH A SERVICE PROVIDER PARTNER	1/26/2007	6/4/2013

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-	2013-0282479 A1	13/902,408	US	UTL	System for Generating Scores Related to Interactions with a Revenue Generator	5/24/2013 -
1366797	-	97117129	TW	UTL	System and method for displaying advertisements in media players	5/9/2008 6/21/2012
-	US-2008-0281869-A1	11/746,414	US	UTL	Embedded video player advertisement display	5/9/2007 -
-	WO 2008-141031	PCT/US2008/062872	WO	UTL	Embedded video player advertisement display	5/7/2008 -
8965783	20080082905	11/541,082	US	UTL	Content-embedding code generation in digital media benefit attachment mechanism	9/29/2006 2/24/2015
8943401	20080082904	11/540,849	US	UTL	Script-Based Content-Embedding Code Generation in Digital Media Benefit Attachment Mechanism	9/29/2006 1/27/2015
8781892	20080082405	11/529,814	US	UTL	Digital media benefit attachment mechanism	9/29/2006 7/15/2014
-	-	80/848,585	US	PRV	Digital Media Benefit Attachment System	9/29/2006 -
-	2084924	7884446	EP	UTL	Methods, Systems and Apparatus for Delivery of Media	11/15/2007 -
-	34/2009	2824/CHENP/2009	IN	UTL	Methods, Systems and Apparatus for Delivery of Media	11/15/2007 -
10-1136686	-	10-2009-7012865	KR	UTL	Methods, Systems and Apparatus for Delivery of Media	11/15/2007 4/6/2012
10-1312123	-	10-2011-7028209	KR	UTL	Methods, Systems and Apparatus for Delivery of Media	11/15/2007 9/17/2013
9110903	2008-0117201 A1	11/562,973	US	UTL	Method, System and Apparatus for Using User Profile Electronic Device Data in Media Delivery	11/22/2006 8/18/2015
-	WO 2008/064065 A1	PCT/US2007/084797	WO	UTL	Methods, Systems and Apparatus for Delivery of Media	11/15/2007 -
-	2008-0205619 A1	11/677,977	US	UTL	Caller Initiated Communications Interruption	2/22/2007 -
8769099	US-2008-0162586 A1	11/617,451	US	UTL	Methods and Systems for Pre-Caching Information on a Mobile Computing Device	12/28/2006 7/1/2014
-	2014-0280735 A1	14/299,565	US	UTL	Methods and Systems for Pre-Caching Information on a Mobile Computing Device	6/9/2014 -
-	2008-0120308 A1	11/562,976	US	UTL	Methods, Systems and Apparatus for Delivery of Media	11/22/2006 -
8117256	US-2008-0168117-A1	11/621,326	US	UTL	Methods and systems for exploring a corpus of content	1/9/2007 2/14/2012
8510377	2012-0124130 A1	13/356,759	US	UTL	Methods and systems for exploring a corpus of content	1/24/2012 8/13/2013
10-0885772	-	10-2007-17019	KR	UTL	METHOD AND SYSTEM FOR REGISTERING AND RETRIEVING PRODUCT INFORMATION	2/20/2007 2/19/2009
7626657	20080201368	11/693,268	US	UTL	Product Information	3/29/2007 11/17/2009
7603348	US-2008-0183685-A1	11/693,408	US	UTL	System For Classifying A Search Query	1/26/2007 10/13/2009
-	2069967	87/80502	EP	UTL	System for Scoring Click Traffic	4/1/2008 -
10-1166616	-	10-2009-7019980	KR	UTL	System for Scoring Click Traffic	4/1/2008 7/11/2012
-	391867	97113571	TW	UTL	Method for scoring user click and click traffic	4/15/2008 4/1/2013
-	US-2008-0270154-A1	11/789,729	US	UTL	scoring system thereof	4/25/2007 -
-	-	-	-	-	System for Scoring Click Traffic	-

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396991	200848963	PCT/US08/59015	WO	UTL	System for Scoring Click Traffic	4/1/2008 -
7979067	20080201638	97104165	TW	UTL	Context Avatar	2/4/2008
-	WO 2008/100380	11/707,789	US	UTL	Context Avatar	2/15/2007
7610277	US-2008-0243810-A1	PCT/US2008/091224	WO	UTL	Context Avatar	1/29/2008 -
8055552	20080154739	11/893,448	US	UTL	METHOD AND SYSTEM FOR LAUNCHING A BROWSER	3/29/2007
7647316	20080222130	11/615,574	US	UTL	Social Network Commerce Model	10/27/2009
-	-	11/692,233	US	UTL	LINK OPTIMIZATION	12/22/2006
10-0987880	-	10-2008-7019764	KR	UTL	Method, Computer Readable Medium and System for Editing a Low-Resolution Media Asset to Generate a High-Resolution Edited Media Asset	11/8/2011
10-0976887	-	10-2008-7019765	KR	UTL	Method and System for Creating and Applying Dynamic Media Specification Creator and Applicator	3/5/2007
10-0987862	-	10-2008-7019766	KR	UTL	Method and System for Recording Edits to Media Content	1/12/2007
10-0991583	-	10-2008-7019762	KR	UTL	Method, Computer-Readable Storage Medium and System for Combining Edit Information with Media Content	10/7/2010
-	-	60/790,569	US	PRV	Online remixing of digital multimedia	1/12/2007
-	-	60/758,684	US	PRV	Dynamic media specification creator and applicator	10/27/2010
8868465	US-2009-0106093-A1	11/622,962	US	UTL	Method and System for Publishing Media Content	1/13/2008 -
8411758	-	11/622,920	US	UTL	Method and System for Online Remixing of Digital Multimedia	1/12/2007
-	WO 2007/084871	PCT/US2007/060525	WO	UTL	Method and System for Online Remixing of Digital Multimedia	4/2/2013
-	WO 2007/084869	PCT/US2007/060528	WO	UTL	Method and System for Creating and Applying Dynamic Media Specification Creator and Applicator	1/12/2007 -
-	WO 2007/084870	PCT/US2007/060530	WO	UTL	Method and System for Recording Edits to Media Content	1/12/2007 -
-	WO 2007/084871	PCT/US2007/060531	WO	UTL	Method and System for Combining Edit Information with Media Content	1/12/2007 -
-	2007/120696	PCT/US2007/008917	WO	UTL	Video Generation Based On Aggregate User Data	4/9/2007 -
-	WO 2008/054505	PCT/US2007/08916	WO	UTL	Topic Specific Generation and Editing of Media Assets	4/9/2007 -
9105049	2008-0183558 A1	11/701,330	US	UTL	System and Method for Automatically Determining an Advertisement Type of a Digital Advertisement	1/31/2007
-	HK1138655	10104153	HK	UTL	Dynamic Pricing Models for Digital Content	8/11/2015
-	32/2009	4219/CHENP/2009	IN	UTL	Dynamic Pricing Models for Digital Content	12/18/2007 -
10-1084841	-	10-2009-7015297	KR	UTL	Dynamic Pricing Models for Digital Content	12/18/2007
-	-	-	-	-	-	11/11/2011

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9076148	2008-0154798 A1	11/615,602	US	UTL	Dynamic Pricing Models for Digital Content	12/22/2006	7/7/2015
-	-	PCT/US2007/067938	WO	UTL	Dynamic Pricing Models for Digital Content	12/18/2007 -	
7696329	US-2008-0168053-A1	11/652,356	US	UTL	Method For Improving Quality Of Search Results	1/10/2007	4/13/2010
8510813	20080146377	11/611,357	US	UTL	By Avoiding Indexing Sections Of Pages	12/15/2008	8/13/2013
7974880	US-2008-0183675-A1	11/701,275	US	UTL	Management of Network Login Identities	1/31/2007	7/5/2011
-	EP2095319	7865376	EP	UTL	System for Updating Advertisement Bids		
-	-	3424/CHENP/2009	IN	UTL	BID OPTIMIZATION IN SEARCH ENGINE	12/7/2007 -	
10-1413347	-	10-2011-7028735	KR	UTL	MARKETING	12/7/2007 -	
8712832	20080140489	11/609,782	US	UTL	BID Optimization in Search Engine Marketing	12/7/2007	6/23/2014
-	2014-0249914 A1	14/201,514	US	UTL	Bid optimization in search engine marketing	12/12/2008	4/29/2014
-	WO 2008/073821	PCT/US2007/086775	WO	UTL	Bid optimization in search engine marketing	3/7/2014 -	
8386310	20080235089	11/726,005	US	UTL	BID OPTIMIZATION IN SEARCH ENGINE	12/7/2007 -	
-	2008-0235089 A1	11/752,741	US	UTL	MARKETING	12/7/2007 -	
-	2008-0249855 A1	11/732,688	US	UTL	BID Optimization in Search Engine Marketing	12/7/2007	6/23/2014
8190572	20080201390	11/675,368	US	UTL	Bid optimization in search engine marketing	12/12/2008	4/29/2014
8050693	US-2008-0242323-A1	11/695,340	US	UTL	BID OPTIMIZATION IN SEARCH ENGINE	3/7/2014 -	
7779133	20080168177	11/619,849	US	UTL	MARKETING	12/7/2007 -	
7805450	US 2008/0243783-A1	11/729,104	US	UTL	SYSTEM FOR MEASURING WEB TRAFFIC	12/7/2007 -	
8185538	US-2010-0281011	12/834,659	US	UTL	RELATED TO AN OFFLINE ADVERTISING	3/20/2007	2/26/2013
8601008	2012-0221548 A1	13/460,188	US	UTL	CAMPAIGN	5/23/2007 -	
9282439	2014-0089286 A1	14/094,309	US	UTL	System for Serving Advertisements Based on	4/4/2007 -	
-	-	15/043,051	US	UTL	Offline Advertising Campaigns	2/15/2007	5/29/2012
7788252	US 2008/0243611-A1	11/729,096	US	UTL	System for generating advertising creatives	4/2/2007	11/1/2011
7753314	20080288640	11/748,837	US	UTL	HIGH-AVAILABILITY AND DATA PROTECTION	1/4/2007	8/17/2010
7822755	20080222284	11/714,502	US	UTL	OF OLTP DATABASES	2/15/2007	5/29/2012
-	2085324	7869445	EP	UTL	Employing the SMS Protocol as a Transport Layer	4/2/2007	11/1/2011
-	33/2009	4218/CHENP/2009	IN	UTL	Protocol	1/4/2007	8/17/2010
-	2008-0154951 A1	11/615,654	US	UTL	Estimation of Web Client Response Time	12/2/2013	2/16/2016
-	-	-	-	-	SYSTEM FOR DETERMINING THE	2/12/2016 -	
-	-	-	-	-	GEOGRAPHIC RANGE OF LOCAL INTENT IN A	3/28/2007	8/31/2010
-	-	-	-	-	SEARCH QUERY	5/15/2007	7/6/2010
-	-	-	-	-	System for Determining the Geographic Range of	3/5/2007	10/26/2010
-	-	-	-	-	Local Intent in a Search Query	12/18/2007 -	
-	-	-	-	-	System for Determining the Geographic Range of	12/18/2007 -	
-	-	-	-	-	Local Intent in a Search Query	12/22/2006 -	
-	-	-	-	-	System for Determining Local Intent in a Search		
-	-	-	-	-	Query		
-	-	-	-	-	System for Determining Local Intent in a Search		
-	-	-	-	-	Query		
-	-	-	-	-	SYSTEM FOR DETERMINING LOCAL INTENT IN		
-	-	-	-	-	A SEARCH QUERY		
-	-	-	-	-	AUTOMATED TAGGING OF SYNDICATION		
-	-	-	-	-	DATA FEEDS		
-	-	-	-	-	Methods of Processing and Segmenting Web		
-	-	-	-	-	Usage Information		
-	-	-	-	-	Link Refactoring of Digital Media Objects		
-	-	-	-	-	Link Refactoring of Digital Media Objects		
-	-	-	-	-	Link Refactoring of Digital Media Objects		

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-	-	PCT/US2007/087948	WO	UTL	Link Retrofitting of Digital Media Objects METHOD AND APPARATUS FOR DISCOVERING AND CLASSIFYING POLYSEMIOUS WORD INSTANCES IN WEB DOCUMENTS	12/18/2007 -
7957957	US-2009-0157390 A1	11/957,190	US	UTL	Method And Apparatus For Discovering And Classifying Polysemous Word Instances In Web Documents	12/14/2007 6/7/2011
8135715	US-2009-0157647-A1	11/957,234	US	UTL	Method And Apparatus For Discovering And Classifying Polysemous Word Instances In Web Documents	12/14/2007 3/13/2012
7917496	US-2009-0157648-A1	11/957,272	US	UTL	Word Pluralization Handling In Query for Web Search	12/14/2007 3/29/2011
7996410	20080189262	11/7701,736	US	UTL	System and method for enabling parallel access to serially compressed files	2/1/2007 8/9/2011
7756817	-	11/773,663	US	UTL	EXTRACTION OF LOGICAL EVENTS FROM NETWORK DATA	7/5/2007 7/13/2010
7849051	20080196636	11/673,880	US	UTL	Navigation Using A Search Engine And Phonetic Voice Recognition	2/12/2007 12/7/2010
8380512	2009-0228277-A1	12/045,365	US	UTL	Efficient Estimation Of Events With Rare Occurrence Rates Using Taxonomies	3/10/2008 2/19/2013
7680746	US-2008-0294577-A1	11/752,871	US	UTL	Detection of abnormal user click activity in a search results page	5/23/2007 3/16/2010
7880870	2008-0301090	11/755,972	US	UTL	METHOD AND SYSTEM FOR TIME-SLICED AGGREGATION OF DATA	5/31/2007 12/28/2010
7940523	20080222653	11/684,479	US	UTL	System for storing event data using a sum calculator that sums the cubes and squares of events	3/9/2007 11/23/2010
7908239	2011-0029980	12/906,663	US	UTL	Methods And Systems For Merging Data Sets	10/18/2010 3/15/2011
8108411	20090077078	11/855,356	US	UTL	Methods And Systems For Merging Data Sets	9/14/2007 1/31/2012
-	2012-0131022 A1	13/361,000	US	UTL	Methods of Processing and Segmenting Web Usage Information	1/30/2012 -
-	2008-0294495 A1	11/752,831	US	UTL		5/23/2007 -
7644098	-	11/739,318	US	UTL	System and method for identifying advertisements responsive to historical user queries	4/24/2007 1/5/2010
-	2013-0104159 A1	13/446,971	US	UTL	Television Audience Targeting Online CLUSTERED QUERY SUPPORT FOR A DATABASE QUERY ENGINE	4/13/2012 -
-	-	60/870,368	US	PRV	CLUSTERED QUERY SUPPORT FOR A DATABASE QUERY ENGINE	12/15/2006 -
7844608	US-2008-0147627-A1	11/615,899	US	UTL	System and method for extrapolating data from a sample set	12/22/2006 11/30/2010
8150849	US-2008-0256018-A1	11/734,544	US	UTL	TRAFFIC PRODUCTION INDEX AND RELATED METRICS FOR ANALYSIS OF A NETWORK OF RELATED WEB SITES	4/12/2007 4/3/2012
7885942	20080235622	11/669,343	US	UTL		3/21/2007 2/8/2011

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602005036333	-	5752601	DE	UTL	A METHOD AND A COMMUNICATION PLATFORM FOR PACKET COMMUNICATION BETWEEN A SERVICE PROVIDER IN A FIRST NETWORK AND A RADIO COMMUNICATION DEVICE IN A SECOND NETWORK	6/15/2005	2/27/2013
1766861	1766861	5752601	EP	UTL	A METHOD AND A COMMUNICATION PLATFORM FOR PACKET COMMUNICATION BETWEEN A SERVICE PROVIDER IN A FIRST NETWORK AND A RADIO COMMUNICATION DEVICE IN A SECOND NETWORK	6/15/2005	2/27/2013
1766861	-	5752601	FR	UTL	A METHOD AND A COMMUNICATION PLATFORM FOR PACKET COMMUNICATION BETWEEN A SERVICE PROVIDER IN A FIRST NETWORK AND A RADIO COMMUNICATION DEVICE IN A SECOND NETWORK	6/15/2005	2/27/2013
1766861	-	5752601	GB	UTL	A METHOD AND A COMMUNICATION PLATFORM FOR PACKET COMMUNICATION BETWEEN A SERVICE PROVIDER IN A FIRST NETWORK AND A RADIO COMMUNICATION DEVICE IN A SECOND NETWORK	6/15/2005	2/27/2013
7848233	US 2010-0135199 A1	11/571,391	US	UTL	A METHOD AND A COMMUNICATION PLATFORM FOR PACKET COMMUNICATION BETWEEN A SERVICE PROVIDER IN A FIRST NETWORK AND A RADIO COMMUNICATION DEVICE IN A SECOND NETWORK	9/13/2007	12/7/2010
8477664	2013-0058509 WO2006/004488	12/891,114 PCT/SE2005/000921	US WO	UTL UTL	A METHOD AND A COMMUNICATION PLATFORM FOR PACKET COMMUNICATION BETWEEN A SERVICE PROVIDER AND A RADIO COMMUNICATION DEVICE IN A SECOND NETWORK	9/13/2010	7/2/2013
1766862	-	5752674	DE	UTL	Communication Platform Communication platform and method for packet communication between a service provider and a radio communication device	6/15/2005	3/27/2013
1766862	1766862	5752674	EP	UTL	Communication platform and method for packet communication between a service provider and a radio communication device	6/15/2005	3/27/2013
1766862	-	5752674	FR	UTL	Communication platform and method for packet communication between a service provider and a radio communication device	6/15/2005	3/27/2013
1766862	SE528406	5752674 SE0401684-6	GB SE	UTL UTL	radio communication device Communication Platform	6/15/2005 6/30/2004	3/27/2013 11/7/2006

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8009610	US-2008-0045203-A1	11/571,386	US	UTL	COMMUNICATION PLATFORM AND METHOD FOR PACKET COMMUNICATION BETWEEN A SERVICE PROVIDER AND A RADIO	9/6/2007	8/30/2011
-	WO2008/004487	PCT/SE2005/000920	WO	UTL	COMMUNICATION DEVICE	6/15/2005 -	6/15/2005 -
381324	-	97120895	TW	UTL	Communication Platform	6/5/2008	1/1/2013
7921069	US-2009-0008363-A1	11/770,413	US	UTL	Granular Data for Behavioral Targeting	6/28/2007	4/5/2011
8364627	2011-0131160	13/018,303	US	UTL	Granular Data for Behavioral Targeting Using Predictive Models	1/31/2011	1/29/2013
-	2014-0200999 A1	13/739,400	US	UTL	Method and System for Generating a Linear Machine Learning Model for Predicting Online User Input Actions	1/11/2013 -	1/11/2013 -
-	WO 2009/005905	PCT/US08/84268	WO	UTL	Granular Data for Behavioral Targeting	5/20/2008 -	5/20/2008 -
7702772	20080209028	11/678,030	US	UTL	DISCOVERING AND DETERMINING CHARACTERISTICS OF NETWORK PROXIES	2/22/2007	4/20/2010
8266167	US-2008-0256462-A1	11/733,576	US	UTL	System and method for scenario based content delivery	4/10/2007	9/11/2012
-	2009-0048915 A1	11/837,653	US	UTL	Method And System For Wirelessly Accessing A Network	8/13/2007 -	8/13/2007 -
7941420	US-2009-0049062-A1	11/838,351	US	UTL	Method for Organizing Structurally Similar Web Pages from a Web Site	8/14/2007	5/10/2011
8301782	20080212768	11/713,330	US	UTL	Stateless Gateways Having Remote Dialog Store	3/12/2007	10/30/2012
-	2008-0270412	11/741,010	US	UTL	TRACKING USER CLICKS USING AJAX BASED BEACONS	4/27/2007 -	4/27/2007 -
7895177	2009-0006533	11/754,855	US	UTL	Enabling searching of user ratings and reviews using user profile location, and social networks	5/29/2007	2/22/2011
7908656	US-2008-0313570-A1	11/763,391	US	UTL	METHOD AND SYSTEM FOR MEDIA LANDMARK IDENTIFICATION	6/14/2007	3/15/2011
1386060	-	97119975	TW	UTL	Method and System For Media-Based Event Generation	5/30/2008	2/11/2013
-	2008-0313227 A1	11/763,383	US	UTL	Method and System For Media-Based Event Generation	6/14/2007 -	6/14/2007 -
-	WO 2008/156953	PCT/US2008/064325	WO	UTL	Method and System For Media-Based Event Generation	5/21/2008 -	5/21/2008 -
-	2132701	8744500	EP	UTL	Point of Presence Distribution Mechanism for Digital Content Objects	3/27/2008 -	3/27/2008 -
10-1312144	-	10-2012-7007974	KR	UTL	Point Of Presence Distribution Mechanism For Digital Content Objects	3/27/2008	9/17/2013
1488049	200903265	97108480	TW	UTL	Point of Presence Distribution Mechanism for Digital Content Objects	3/11/2008	6/11/2015
-	2008-0244038 A1	11/694,638	US	UTL	Point of Presence Distribution Mechanism for Digital Content Objects	3/30/2007 -	3/30/2007 -
-	-	PCT/US2008/058502	WO	UTL	Point of Presence Distribution Mechanism for Digital Content Objects	3/27/2008 -	3/27/2008 -
-	-	3656/CHENP/2009	IN	UTL	Method and System for Unauthorized Content Detection and Reporting	12/17/2007 -	12/17/2007 -

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10-1196097	-	10-2009-7012770	KR	UTL	Method and System for Unauthorized Content Detection and Reporting	12/17/2007	10/24/2012
-	2008-0155701 A1	11/615,673	US	UTL	Method and System for Unauthorized Content Detection and Reporting	12/22/2006	-
-	WO 2008/079768	PCT/US2007/087750	WO	UTL	Method and System for Unauthorized Content Detection and Reporting	12/17/2007	-
7904062	20080220747	11/683,912	US	UTL	Scrolling mobile advertisements	3/8/2007	3/8/2011
8799249	US-2008-0306998-A1	11/760,583	US	UTL	METHOD AND SYSTEM FOR RENDERING A COLLECTION OF MEDIA ITEMS	6/8/2007	8/5/2014
-	2008-0288342 A1	11/748,305	US	UTL	SYSTEM AND METHOD FOR DISPLAYING ADVERTISEMENTS USING A TOOLBAR	5/14/2007	-
-	2008266286 -	2008266286 AU	AU	UTL	Mobile Contextual SMS Advertising	6/10/2008	3/8/2012
-	2174278	8770565 EP	EP	UTL	Mobile Contextual SMS Advertising	6/10/2008	-
-	29/2010	228/CHENP/2010	IN	UTL	Mobile Contextual SMS Advertising	6/10/2008	-
1420409	200917145	97121992 TW	TW	UTL	Device, media and method for mobile contextual sms advertising	6/12/2008	12/21/2013
-	2008-0311934 A1	11/763,320	US	UTL	Mobile Contextual SMS Advertising	6/14/2007	-
-	WO 2008/157127	PCT/US08/66397	WO	UTL	Mobile Contextual SMS Advertising	6/10/2008	-
7968341	US-2009-0043748-A1	11/834,616	US	UTL	ESTIMATING THE DATE RELEVANCE OF A QUERY FROM QUERY LOGS	8/6/2007	6/21/2011
8108800	US-2009-0024964-A1	11/778,378	US	UTL	Calculating Cognitive Efficiency Score For Navigational Interfaces Based On Eye Tracking Data	7/16/2007	1/31/2012
-	2008-0249854 A1	11/697,452	US	UTL	MONETIZING LOW VALUE CLICKERS	4/6/2007	-
7689627	US-20080243905 A1	11/731,136	US	UTL	ATTRIBUTE EXTRACTION USING LIMITED TRAINING DATA	3/30/2007	3/30/2010
-	2008-0270359 A1	11/789,779	US	UTL	System for Serving Data that Matches Content Related to a Search Results Page	4/25/2007	-
7679937	US 2008-0255935-A1	11/786,238	US	UTL	TEMPORAL TARGETING OF ADVERTISEMENTS	4/11/2007	3/2/2010
8126766	US-2008-0126175-A1	11/606,520	US	UTL	INTERACTIVE USER INTERFACE FOR COLLECTING AND PROCESSING NOMENCLATURE AND PLACEMENT METRICS FOR WEBSITE DESIGN	11/29/2006	2/28/2012
7987417	2008-0276901	11/800,236	US	UTL	System and Method for Detecting a Web Page Template	5/4/2007	7/26/2011
8850035	-	11/804,232	US	UTL	GEOGRAPHICALLY DISTRIBUTED REAL TIME COMMUNICATIONS PLATFORM	5/16/2007	9/30/2014
7786284	-	11/768,273	US	UTL	System and Method For Knowledge Based Search System	6/28/2007	8/31/2010
8290986	US-2009-0006357-A1	11/769,641	US	UTL	DETERMINING QUALITY MEASURES FOR WEB OBJECTS BASED ON SEARCHER BEHAVIOR	6/27/2007	10/16/2012

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10-0996327	-	10-2008-0024319	KR	UTL	Method of Registering Advertisements on an Electronic Map at an Advertisement Registration Server and Displaying the Advertisement on a User Terminal	3/17/2008	11/17/2010
10-1024149	-	10-2008-0069873	KR	UTL	METHOD OF REGISTERING ADVERTISEMENTS ON AN ELECTRONIC MAP USING ADVERTISEMENT REGISTRATION REFERENCE INFORMATION	9/11/2008	3/15/2011
-	2009-0234736	12/106,489	US	UTL	Method of Registering Advertisements on an Electronic Map	4/21/2008	-
10-1121280	-	10-2009-7026817	KR	UTL	Dynamic Layout for Search Engine Results Page Based on Implicit User Feedback	5/30/2008	2/21/2012
8015502	US-2009-0295006-A1	11/752,001	US	UTL	DYNAMIC LAYOUT FOR A SEARCH ENGINE RESULTS PAGE BASED ON IMPLICIT USER FEEDBACK	5/22/2007	9/6/2011
8633379	2011-0289079	13/193,362	US	UTL	Dynamic layout for a search engine results page based on implicit user feedback	7/29/2011	3/25/2014
-	WO/2008/147685	PCT/US08/63535	WO	UTL	Dynamic Layout for Search Engine Results Page Based on Implicit User Feedback	5/30/2008	-
10-1077739	-	10-2009-7013753	KR	UTL	User Initiated Invite For Automatic Conference Participation By Invitee	11/26/2007	10/21/2011
-	-	60/868,321	US	PRV	USER INITIATED INVITATION THAT INCLUDES A LINK TO AUTOMATICALLY PARTICIPATE IN A CONVERSATION OR SERVICE	12/1/2006	-
8081958	US-2008-0132215-A1	11/944,248	US	UTL	USER INITIATED INVITE FOR AUTOMATIC CONFERENCE PARTICIPATION BY INVITEE	11/21/2007	12/20/2011
8396461	2012-0066326	13/297,153	US	UTL	User Initiated Invite for Automatic Conference Participation by Invitee	11/15/2011	3/12/2013
-	WO 2008/070471 A2	PCT/US07/85524	WO	UTL	User Initiated Invite For Automatic Conference Participation By Invitee	11/26/2007	-
-	-	60/868,529	US	PRV	PERSONALIZED SOCIAL DISTRIBUTIONS OF CONTENT FOR MOBILE DEVICES	12/4/2006	-
-	-	11/866,601	US	UTL	Bootstrapping Social Networks Using Augmented Peer to Peer Distributions of Social Networking Services	10/3/2007	-
8224696	2007/0244749	11/405,209	US	UTL	Automated Reward Management for Network Based Contests	4/17/2006	7/17/2012
-	2008-0249852 A1	11/696,152	US	UTL	Systems and Methods for Creating Advertisements	4/3/2007	-
7836407	US-2008-0278193-A1	11/799,567	US	UTL	Smart Fields	5/2/2007	11/16/2010
8621383	2010-0281314	12/834,836	US	UTL	Smart Fields	7/12/2010	12/31/2013
10-0996311	-	10-2007-0097401	KR	UTL	Method and System for Detecting Spam User Created Content(UCC)	9/27/2007	11/17/2010
8095547	2009-0089279-A1	11/966,388	US	UTL	Method and Apparatus for Detecting Spam User Created Content	12/29/2007	1/10/2012

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8867185	2009-0019467-A1	1/16/73,150	US	UTL	Method and System for Providing Virtual Co-Presence to Broadcast Audiences in an Online Broadcasting System	10/16/2007	11/11/2014
-	2015-0052540 A1	14/531,053	US	UTL	Method and System for Providing Virtual Co-Presence to Broadcast Audiences in an Online Broadcasting System	11/3/2014	-
-	2008-0235589 A1	11/687,940	US	UTL	Identifying Popular Segments Of Media Objects	3/19/2007	-
2007342252	-	2007342252	AU	UTL	Clustered Search Processing	12/10/2007	6/2/2011
-	2116778	7871669	EP	UTL	Clustered Search Processing	12/10/2007	-
-	45/2009	4570/CHEMP/2009	IN	UTL	Clustered Search Processing	12/10/2007	11/29/2012
10-1208799	-	10-2009-7016294	KR	UTL	Clustered Search Processing	12/10/2007	8/6/2013
10-1296653	-	10-2012-7011298	KR	UTL	Clustered Search Processing	12/10/2007	3/16/2014
10-1377799	-	10-2013-7016005	KR	UTL	Clustered Search Processing	12/10/2007	3/1/2012
1359366	200836079	96148389	TW	UTL	CLUSTERED SEARCH PROCESSING	12/18/2007	12/8/2009
7630972	2008-0168052	11/651,102	US	UTL	CLUSTERED SEARCH PROCESSING	10/30/2009	3/27/2012
8145637	-	12/609,865	US	UTL	Clustered Search Processing	10/11/2011	12/4/2012
8328841	20120102044	13/271,198	US	UTL	Clustered Search Processing	12/10/2007	-
-	W/O 2008/085637	PCT/US07/86990	WO	UTL	Clustered Search Processing	3/27/2007	8/3/2010
7769716	20080243949	11/691,922	US	UTL	Divided Backup Of Data Warehouse	4/10/2007	11/2/2010
7827184	US-2008-0256050-A1	11/733,585	US	UTL	System and method for modeling user selection feedback in a search result page	4/27/2007	4/13/2010
7698410	2008-0267207-A1	11/741,301	US	UTL	CONTEXT-SENSITIVE, SELF-ADJUSTING TARGETING MODELS	9/18/2008	5/24/2012
-	2008307247 -	2008307247 AU	AU	UTL	System and method for inclusion of interactive elements on a search results page	9/18/2008	11/21/2013
-	2012202541 -	2012202541 AU	AU	UTL	System and method for inclusion of interactive elements on a search results page	9/18/2008	-
-	EP2193463	8835740 EP	EP	UTL	System and method for inclusion of interactive elements on a search results page	9/18/2008	8/14/2012
-	43/2010	2479/CHEMP/2010	IN	UTL	System and method for inclusion of interactive elements on a search results page	9/18/2008	12/15/2014
10-1175858	-	10-2010-7008974	KR	UTL	System and method for inclusion of interactive elements on a search results page	9/18/2008	12/21/2013
10-1475126	-	10-2012-7010038	KR	UTL	System and method for inclusion of interactive elements on a search results page	9/18/2008	2/23/2016
1420331	-	97135779 TW	TW	UTL	System and method for editing history in a search results page	9/28/2007	1/31/2012
-	9286856 2009-0089312	11/863,384	US	UTL	System and method for contextual commands in a search results page	9/28/2007	3/20/2012
8108379	US-2009-0089267-A1	11/863,397	US	UTL	System and method for contextual commands in a search results page	9/28/2007	3/20/2012
8140608	US-2009-0089245-A1	11/863,388	US	UTL	System and method for contextual commands in a search results page	9/28/2007	3/20/2012

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9222895	2009-0089652 A1	11/863,355	US	UTL	SYSTEM AND METHOD FOR CONTEXTUAL COMMANDS IN A SEARCH RESULTS PAGE	9/28/2007	12/29/2015
8850358	US-2009-0089415-A1	11/863,427	US	UTL	System and method for keyboard navigation in a search results page	9/28/2007	9/30/2014
7747792	-	11/764,549	US	UTL	Relative typing waiting time before submit or disambiguation aids	6/18/2007	6/29/2010
7882111	US-2008-0301118-A1	11/757,286	US	UTL	User Interface Precision Targeting Principle	6/1/2007	2/1/2011
8412608	20080235121	11/697,775	US	UTL	CURRENCY SYSTEM TO REWARD CONSTRUCTIVE BEHAVIOR	3/19/2007	4/2/2013
10-1097632	-	10-2009-7018384	KR	UTL	Dynamic Bid Pricing for Sponsored Search	3/7/2008	12/15/2011
1432980	200907717	97109294	TW	UTL	Dynamic Bid Pricing for Sponsored Search	3/17/2008	4/1/2014
7556433	US-2008-0248991-A1	11/784,481	US	UTL	DYNAMIC BID PRICING FOR SPONSORED SEARCH	4/6/2007	12/21/2010
7939899	2011-0055018-	12/899,387	US	UTL	Dynamic Bid Pricing For Sponsored Search	10/5/2010	4/26/2011
-	WO 2008/124232 A1	PCT/US2008/056159	WO	UTL	Dynamic Bid Pricing for Sponsored Search	3/7/2008	-
7359952	US 2004-0088363 A1	10/647,832	US	UTL	Content Delivery Frequency Capping Method	8/25/2003	4/15/2008
8418244	US-2008-0271137-A1	11/741,278	US	UTL	INSTANT COMMUNICATION WITH TLS VPN TUNNEL MANAGEMENT	4/27/2007	4/9/2013
1482046	-	97113927	TW	UTL	System for Displaying Advertisements Associated with Search Results	4/17/2008	11/21/2014
-	2008-0270228	11/739,242	US	UTL	System For Displaying Advertisements Associated With Search Results	4/24/2007	-
-	WO 2008/134218 A1	PCT/US2008/059865	WO	UTL	System for Displaying Advertisements Associated with Search Results	4/10/2008	-
6972019	-	10/126,320	US	UTL	Phonetic self-improving search engine	4/19/2002	12/13/2005
7716235	-	11/282,429	US	UTL	Phonetic self-improving search engine	11/18/2005	5/11/2010
8060075	US-2008-0242281-A1	11/695,520	US	UTL	MOBILE ADDRESSABILITY WITH MAPPING OF PHONE NUMBERS TO DYNAMIC IP ADDRESSES	4/2/2007	11/15/2011
1397858	200837286	97141210	TW	UTL	Method and computer readable medium for multimedia enhanced browser interface	10/27/2008	6/1/2013
7899808	US-2009-0112874-A1	11/925,186	US	UTL	Text Enhancement Mechanism	10/26/2007	3/1/2011
-	WO 2009/055689 A2	PCT/US2008/081140	WO	UTL	Text Enhancement Mechanism	10/24/2008	-
-	WO 2009/055692 A2	PCT/US2008/081144	WO	UTL	Multimedia Enhanced Browser Interface	10/24/2008	-
7898317	-	11/788,505	US	UTL	Techniques For Detecting Duplicate Web Pages	4/20/2007	4/13/2010
8290929	US-2009-0112839-A1	11/925,280	US	UTL	Media Enhancement Mechanism Using Embed Code	10/26/2007	10/16/2012
-	2013-0103795 A1	13/651,898	US	UTL	Media Enhancement Mechanism	10/15/2012	-
-	-	2012200799	AU	UTL	In-Page Installer	3/13/2008	-
-	2126743	8732148	EP	UTL	In-Page Installer	3/13/2008	-
-	21/2010	4919/CHEMP/2009	IN	UTL	In-Page Installer	3/13/2008	-
10-1134849	-	10-2009-7019600	KR	UTL	In-Page Installer	3/13/2008	4/2/2012
1402751	-	97109434	TW	UTL	In-Page Installer	3/18/2008	7/21/2013
8065676	20080235680	11/689,469	US	UTL	In-Page Installer	3/21/2007	11/22/2011
-	WO 2008/115764	PCT/US2008/056885	WO	UTL	In-Page Installer	3/13/2008	-
8849855	2008-0288454	11/804,123	US	UTL	Context-directed search	5/16/2007	9/30/2014

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1399552	200925894	97129233	TW	UTL	Systems and Methods for Comments Aggregation and Carryover in Word Pages	8/1/2008	6/21/2013
8972458	US-2009-0043814-A1	11/836,723	US	UTL	Systems and methods for comments aggregation and carryover in word pages	8/9/2007	3/3/2015
-	WO 2009/023129	PCT/US08/09511	WO	UTL	Systems and Methods for Comments Aggregation and Carryover in Word Pages	8/8/2008	-
8595183	US-2009-0043754-A1	11/836,721	US	UTL	Systems And Methods For Providing Enhanced Content Portability In A Word Page Module	8/9/2007	11/26/2013
-	2009-0043737 A1	11/836,719	US	UTL	Systems and Methods for Providing A Multi-Function Search Box for Creating Word Pages	8/9/2007	-
7930645	US-2009-0044142-A1	11/836,717	US	UTL	SYSTEMS AND METHODS FOR PROVIDING A PERSISTENT NAVIGATION BAR IN A WORD PAGE	8/9/2007	4/19/2011
8001001	2009-0063377	11/897,787	US	UTL	System and Method Using Sampling for Allocating Web Page Placements in Online Publishing of Content	8/30/2007	8/16/2011
7844605	US-2008-0263025-A1	11/738,195	US	UTL	Use of Natural Search Click Events to Augment Online Campaigns	4/20/2007	11/30/2010
8712944	US-2008-0281700-A1	11/801,024	US	UTL	Use of Natural Query Events to Improve Online Advertising Campaigns	5/8/2007	4/29/2014
-	2014-0229282 A1	14/256,577	US	UTL	Use of Natural Query Events to Improve Online Advertising Campaigns	4/18/2014	-
7899815	US-2008-0275882-A1	11/743,623	US	UTL	APPARATUS AND METHODS FOR PROVIDING SEARCH BENCHMARKS	5/2/2007	3/1/2011
8881052	20080235602	11/689,477	US	UTL	Methods and Systems for Managing Widgets Through A Widget Dock User Interface	3/21/2007	11/4/2014
7921073	US-2008-0250033-A1	11/696,944	US	UTL	System and method for determining an event occurrence rate	4/5/2007	4/5/2011
7818320	US-2008-0301089-A1	11/755,835	US	UTL	Enhanced search results based on user feedback relating to a search result abstracts	5/31/2007	10/19/2010
8046881	US-2008-0072140-A1	11/945,749	US	UTL	Techniques For Indexing High Quality Structural Templates For Electronic Documents	11/27/2007	10/25/2011
7685141	US-2009-0027392-A1	11/781,685	US	UTL	CONNECTION SUB-GRAPHS IN ENTITY RELATIONSHIP GRAPHS	7/23/2007	3/23/2010
7692536	-	11/770,584	US	UTL	System and Method of Generating Recommendations Using an RFID-Enabled Recommendation System	6/28/2007	4/6/2010
10-1144999	-	10-2010-7004575	KR	UTL	Textual and Visual Interactive Advertisements in Videos	7/18/2008	5/3/2012
1498835	200923816	97128173	TW	UTL	SYSTEMS AND METHODS OF PROVIDING TEXTUAL AND VISUAL INTERACTIVE ADVERTISEMENTS IN VIDEOS	7/24/2008	9/1/2015
-	2009-0037263 A1	11/830,171	US	UTL	System for the insertion and control of advertisements in video	7/30/2007	-
-	US-2009-0037262-A1	11/830,164	US	UTL	System for Contextual Matching of Videos with Advertisements	7/30/2007	-

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7707127	WO 2009/017969 A2	PCT/US08/79408	WO	UTL	Textual and Visual Interactive Advertisements in Videos	7/19/2008 -
8275722	US-2008-0270333-A1	11/742,062	US	UTL	SYSTEM AND METHOD FOR DETERMINING SEMANTICALLY RELATED TERMS USING AN ACTIVE LEARNING FRAMEWORK	4/30/2007 4/27/2010
7992804	US-2010-0189249-A1	12/721,358	US	UTL	SYSTEM AND METHOD FOR DETERMINING SEMANTICALLY RELATED TERMS USING AN ACTIVE LEARNING FRAMEWORK	3/10/2010 8/25/2012
8060491	2009-0163536	11/847,848	US	UTL	Automatic Extraction of Semantics from User-Specified Tags	3/30/2007 3/1/2011
7512836	2011-0126761	13/016,874	US	UTL	Automatic extraction of semantics from text information	1/27/2011 11/16/2011
-	WO/2010/064521	09/837,505	US	UTL	Global Network of Web Card Systems and Method Thereof	4/18/2001 3/31/2009
-	US-2009-0089141-A1	11/883,187	US	UTL	Global Network of Web Card Systems and Method Thereof	4/18/2002 -
8290882	US-2009-0089310-A1	11/883,204	US	UTL	Methods for Cross-Market Brand Advertising, Content Metric Analysis, and Placement Recommendations	9/27/2007 -
7747602	2009-0337454-A1	11/831,770	US	UTL	Methods for Managing Content for Brand Related Media	9/27/2007 10/16/2012
-	US-2009-0183036-A1	11/803,689	US	UTL	Comment Faces	7/31/2007 6/29/2010
7638000	2009-0160309	12/001,992	US	UTL	System and Method for an Online Auction with Optimal Reserve Price	9/24/2007 -
8001117	20080286490	11/750,871	US	UTL	System and Method for Training a Multi-class Support Vector Machine to Select a Common Subset of Features for Classifying Objects	12/10/2007 11/16/2010
7974976	US-2008-0114759-A1	11/750,512	US	UTL	Efficient Online Computation Of Diverse Query Results	5/18/2007 8/16/2011
7863397	US-2008-0813030-A1	11/783,502	US	UTL	Deriving User Intent From A User Query	5/18/2007 7/5/2011
8881186	2009-0018486	11/777,187	US	UTL	Category-based Advertisement	8/13/2007 1/4/2010
-	2015-0012925-A1	14/230,588	US	UTL	Method And System For Improved Media Distribution	7/12/2007 11/4/2014
8010394	US-2009-0136301-A1	11/946,660	US	UTL	Method and System for Improved Media Distribution	7/14/2014 -
8955006	2009-0288142	12/123,261	US	UTL	System and Method to Facilitate Inventory Yearly Forecasting for Network Based Entities	11/29/2007 8/30/2011
7665078	US-2009-0301069-A1	11/755,134	US	UTL	Authentication Detection	5/19/2008 1/8/2013
8037424	US-2008-0285006-A1	11/753,527	US	UTL	System and method for learning balanced relevance functions from expert and user judgments	5/30/2007 3/23/2010
9048385	2012-0030629-A1	13/268,219	US	UTL	Visual Browsing System and Method	5/24/2007 10/11/2011
-	2009-0003182-A1	11/771,823	US	UTL	Visual Browsing System and Method	10/7/2011 8/2/2015
-	2009-0138330-A1	11/946,498	US	UTL	Point of Presence Sponsorship Mechanism for Digital Content Objects	8/29/2007 -
-	-	-	US	UTL	Time-Varying Media Object Sponsorship	11/28/2007 -

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1490706	200937233	97136765	TW	UTL	Playlist Resolver	10/8/2008	7/1/2015
8959085	2009-0100062-A1	11/869,923	US	UTL	Playlist Resolver	10/10/2007	2/17/2015
-	2015-0161119 A1	14/621,546	US	UTL	Playlist Resolver	2/13/2015	-
-	WO 2009/048923 A2	PCT/US2008/079159	WO	UTL	Playlist Resolver	10/8/2008	-
1477991	200941255	97136764	TW	UTL	Method to facilitate access to media object and memory for storing index of media object	10/8/2008	3/21/2015
8145727	2009-100151-A1	11/869,967	US	UTL	Network Accessible Media Object Index	10/10/2007	3/27/2012
-	WO 2009/048919 A2	PCT/US2008/079154	WO	UTL	Network Accessible Media Object Index	10/8/2008	-
-	200910242	9716723	TW	UTL	Media with embedded advertising	5/7/2008	-
-	2008-0281685	11/745,248	US	UTL	Media with Embedded Advertising	5/7/2007	-
-	WO 2008/136846 A1	PCT/US07/80038	WO	UTL	Media with Embedded Advertising and Network Services (MEANS)	10/1/2007	-
-	WO 2008/136847 A1	PCT/US07/80040	WO	UTL	Media with Embedded Network Services	10/1/2007	-
-	2009-0063250 A1	11/849,962	US	UTL	Controlled Targeted Experimentation	9/4/2007	-
-	2009-0063268 A1	11/849,986	US	UTL	Targeting Using Historical Data	9/4/2007	-
-	-	15/063,154	US	UTL	Targeting Using Historical Data	3/7/2016	-
7756906	2008-0294595 A1	11/752,048	US	UTL	VISUAL INTERFACE TO INDICATE CUSTOM BINNING OF ITEMS	5/22/2007	7/13/2010
8122056	20080288445	11/804,186	US	UTL	Interactive Aggregation of Data on a Scatter Plot METHOD AND SYSTEM FOR CREATING A BULLETIN BOARD SYSTEM (BBS) MESSAGE INCLUDING A MAP THROUGH A COMMUNICATION NETWORK	5/17/2007	2/21/2012
10-1391009	-	10-2010-0094213	KR	UTL	Method and System for Creating a Bulletin Board System (BBS) Message Including a Map Through a Communication Network	8/20/2007	4/24/2014
8621043	2008/0055509-A1	11/875,568	US	UTL	Exporting Aggregated and Un-Aggregated Data System and Method for Online Advertising	10/19/2007	12/31/2013
7739229	20080294671	11/752,036	US	UTL	Optimized by User Segmentation	5/22/2007	6/15/2010
-	2009-0112690 A1	11/978,792	US	UTL	Estimating Backend Processing Time For Retrieving And Processing Data And Displaying Appropriate Supplemental Content	10/29/2007	-
-	2009-0049211 A1	11/638,807	US	UTL	Dynamic Headline Switcher	8/14/2007	-
8275760	US-2009-0606325-A1	11/770,296	US	UTL	Real-Time Search Term Popularity Determination, By Search Origin Geographic Location	6/28/2007	9/25/2012
7428522	-	11/862,967	US	UTL	Real-Time Search Term Popularity Determination, By Search Origin Geographic Location	9/27/2007	9/23/2008
-	2009-0089280 A1	12/189,723	US	UTL	Real-Time Search Term Popularity Determination, By Search Origin Geographic Location	8/11/2008	-
7877335	2009-0106022	11/975,483	US	UTL	Categories Using Prediction SYSTEM FOR GENERATING QUERY SUGGESTIONS USING A NETWORK OF USERS AND ADVERTISERS	10/18/2007	1/25/2011
7921107	US 2008-0258059-A1	11/830,679	US	UTL		7/30/2007	4/5/2011

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7849080	US 2008-0256061-A1	1/1830,753	US	UTL	System for Generating Query Suggestions by Integrating Valuable Query Suggestions with Experimental Query Suggestions Using a Network of Users and Advertisers	7/30/2007	12/7/2010
8458599	US-2008-0282169-A1	11/801,203	US	UTL	MULTI-USER INTERACTIVE WEB-BASED SEARCHES	5/8/2007	6/4/2013
8621367	2013-0246387A1	13/871,136	US	UTL	Multi-User Interactive Web-Based Searches	4/26/2013	12/31/2013
					PREDICTIVE STEMMING FOR WEB SEARCH WITH STATISTICAL MACHINE TRANSLATION		
7788276	US-2009-0055380-A1	11/843,560	US	UTL	MODELS	8/22/2007	8/31/2010
1478079	200912774	97110696	TW	UTL	A Distributed Collaborative Knowledge Generation System	3/26/2008	3/21/2015
-	-	60/920,679	US	PRV	A Distributed Collaborative Learning System	3/28/2007	-
7885913	US-2008-0243727-A1	11/932,562	US	UTL	A Distributed Collaborative Knowledge Generation System	10/31/2007	2/6/2011
9171258	2011-0125757 A1	13/021,290	US	UTL	Distributed Collaborative Knowledge Generation System	2/4/2011	10/27/2015
-	-	PCT/US2008/058062	WO	UTL	A Distributed Collaborative Knowledge Generation System	3/24/2008	-
2008260461	-	2008260481	AU	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	2/17/2011
2679469	-	2679469	CA	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	9/24/2013
2156268	-	8744501	CH	UTL	COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM	3/27/2008	2/15/2012
-	-	-	CN	UTL	Secure Service For Receiving Sensitive Information Through Nested Iframes	-	-
101681187	-	200880018851	CN	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	12/5/2012
ZL 200880118545.5	101884041A	200880118546	CN	UTL	Enabling Searching On Abbreviated Search Terms Via Messaging	10/31/2008	7/30/2014
200980104486	-	200980104488	CN	UTL	Social Network Search	1/15/2009	3/6/2013
ZL 200980104668.8	101940055 A	200980104669	CN	UTL	Location Tracking Based On Proximity-Based Ad Hoc Network	2/2/2009	7/10/2013
ZL 200980107056.4	101960446 A	200980107056	CN	UTL	Secure Browser Based Applications	2/23/2009	8/13/2014
602008013450	-	8744501	DE	UTL	COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM	3/27/2008	2/15/2012
2156268	-	8744501	EP	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	2/15/2012
-	2422258	10767491	EP	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	-
-	2422257	10767490	EP	UTL	Cold Row Encapsulation For Server Farm Cooling System	3/31/2010	-
-	2422259	10767491	EP	UTL	COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM	3/31/2010	-

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2156268	-	8744501	FR	UTL	COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM	3/27/2008	2/15/2012
2156268	-	8744501	GB	UTL	COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM	3/27/2008	2/15/2012
1141877	HK1141877	10108303	HK	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	8/16/2013
1167481	1167481	12107980	HK	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	9/11/2015
1166868	1166868	12107458	HK	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	7/31/2015
-	-	15109100	HK	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	-
-	1192340	14105437	HK	UTL	Cold Row Encapsulation For Server Farm Cooling System	3/31/2013	-
2156268	-	8744501	IE	UTL	COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM	3/27/2008	2/15/2012
-	45/2009	4916/CHENP/2009	IN	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	-
-	18/2013	7752/CHENP/2011	IN	UTL	Cold Row Encapsulation For Server Farm Cooling System	10/24/2011	-
-	18/2013	7753/CHENP/2011	IN	UTL	COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM	10/24/2011	-
-	18/2013	7754/CHENP/2011	IN	UTL	FARM COOLING SYSTEM	10/24/2011	-
-	-	5779/CHENP/2015	IN	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	-
5671337	2010-528676	2010-511226	JP	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	12/26/2014
5745502	2012-524939	2012-507235	JP	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	5/15/2015
5628292	2012-524940	2012-507236	JP	UTL	Cold Row Encapsulation For Server Farm Cooling System	3/31/2010	10/10/2014
5829639	2013-128143	2013-033582	JP	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	10/30/2015
-	2015-035218	2014-201540	JP	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	-
-	2015-135662	2015-022278	JP	UTL	Cold Row Encapsulation For Server Farm Cooling System	3/31/2010	-
-	2015-187865	2015-087722	JP	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	-
-	2015-195034	2015-094195	JP	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	-
10-1162427	-	10-2009-7023599	KR	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	6/27/2012
10-1346450	-	10-2011-7026798	KR	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	12/23/2013

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10-1423330	-	10-2011-7027366	KR	UTL	Cold Row Encapsulation For Server Farm Cooling System	3/31/2010	8/5/2014
10-1354366	-	10-2011-7026124	KR	UTL	Cold Row Encapsulation For Server Farm Cooling System	3/31/2010	1/15/2014
-	-	PI 20093307	MY	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008 -	
MY-154666-A	-	PI 2011004955	MY	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	7/15/2015
-	-	PI 2011004954	MY	UTL	Cold Row Encapsulation For Server Farm Cooling System	3/31/2010 -	
MY-154645-A	-	PI 2011004988	MY	UTL	Cold Row Encapsulation For Server Farm Cooling System	3/31/2010	7/15/2015
2156268	-	8744501	NL	UTL	COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM	3/27/2008	2/15/2012
2470346	2009133092	2009133092	RU	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	12/20/2012
2531877	-	2011142244	RU	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	9/1/2014
2 562 442	-	2011142245	RU	UTL	Cold Row Encapsulation For Server Farm Cooling System	3/31/2010	8/11/2016
2532846	-	2011142243	RU	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	9/15/2014
-	-	2015131298	RU	UTL	Server Cooling Room	3/31/2010 -	
154666	-	200905275-4	SG	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	6/29/2012
175237	-	201107522-3	SG	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	8/31/2012
175238	-	201107524-9	SG	UTL	Cold Row Encapsulation For Server Farm Cooling System	3/31/2010	6/13/2014
175740	-	201107608-0	SG	UTL	COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM	3/31/2010	8/15/2012
1399634	-	97108295	TW	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/17/2008	6/21/2013
1421672	-	99110857	TW	UTL	Cold Row Encapsulation for Server Farm Cooling System	4/8/2010	1/1/2014
1467471	201101984	99110858	TW	UTL	Cold Row Encapsulation For Server Farm Cooling System	4/8/2010	6/1/2015
-	-	99110859	TW	UTL	Cold Row Encapsulation for Server Farm Cooling System	4/8/2010 -	
-	-	102143684	TW	UTL	Cold Row Encapsulation for Server Farm Cooling System	11/29/2013 -	
-	-	105103243	TW	UTL	Cold Row Encapsulation for Server Farm Cooling System	2/2/2016 -	
7430118	-	11/757,864	US	UTL	Cold Row Encapsulation for Server Farm Cooling System	6/4/2007	9/30/2008

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8395891	2008-0305733-A1	12/193,113	US	UTL	Cold Row Encapsulation for Server Farm Cooling System	8/18/2008	3/12/2013
7672128	US-2010-0091448-A1	12/258,683	US	UTL	Cold Row Encapsulation for Server Farm Cooling System	10/27/2008	3/2/2010
7800900	-	12/427,655	US	UTL	Cold Row Encapsulation for Server Farm Cooling System	4/21/2009	9/21/2010
-	2010-0263830	12/427,666	US	UTL	Cold Row Encapsulation for Server Farm Cooling System	4/21/2009	-
8054625	2010-0263825	12/427,660	US	UTL	COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM	4/21/2009	11/8/2011
7957142	2010-0091448	12/635,966	US	UTL	Cold Row Encapsulation for Server Farm Cooling System	12/11/2009	6/7/2011
8765182	2012-0012278	13/245,745	US	UTL	Cold Row Encapsulation for Server Farm Cooling System	9/26/2011	6/17/2014
8913381	2013-0188310 A1	13/791,901	US	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/8/2013	12/16/2014
9204577	2014-0301027 A1	14/288,290	US	UTL	Cold Row Encapsulation for Server Farm Cooling System	5/27/2014	12/1/2015
-	2015-0098179 A1	14/569,607	US	UTL	Cold Row Encapsulation for Server Farm Cooling System	12/12/2014	-
-	-	14/951,323	US	UTL	Cold Row Encapsulation for Server Farm Cooling System	11/24/2015	-
-	WO 208150566 A1	PCT/US08/58504	WO	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/27/2008	-
-	-	PCT/US2010/029356	WO	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	-
-	-	PCT/US2010/029348	WO	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010	-
-	-	PCT/US2010/029360	WO	UTL	COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM	3/31/2010	-
389046	-	97114768	TW	UTL	Trusted Third Party Clearing House For Lead Tracking	4/23/2008	3/1/2013
8423479	US 2008/0281756 A1	11/745,263	US	UTL	Trusted Third Party Clearing House For Lead Tracking	5/7/2007	4/16/2013
-	2008-0281757 A1	11/756,947	US	UTL	Trusted Privacy Information management	6/1/2007	-
-	2013-0226811 A1	13/857,785	US	UTL	Trusted Third Party Clearing House For Lead Tracking	4/5/2013	-
-	WO 2009/137278 A1	PCT/US08/60625	WO	UTL	Trusted Third Party Clearing House For Lead Tracking	4/17/2008	-
8055670	US-2009-0049478-A1	11/837,920	US	UTL	Automatic generation of titles in a social knowledge database	8/13/2007	11/8/2011
7941740	US-2009-0019354-A1	11/853,688	US	UTL	AUTOMATICALLY FETCHING WEB CONTENT WITH USER ASSISTANCE	9/11/2007	5/10/2011
-	200919363	97127610	TW	UTL	System and Method for Providing Electronic Advertisements	7/21/2008	-

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-	US-2009-0029720-A1	11/829,329	US	UTL	System and Method for Providing Electronic Advertisements	7/27/2007 -
-	WO 2009/018017 A2	PCT/US08/70767	WO	UTL	System and Method for Providing Electronic Advertisements	7/22/2008 -
-	2009-0007274 A1	11/770,194	US	UTL	Rights Engine Including Access Rights Enforcement	6/28/2007 -
262922	37/2009	2114/CHE/2007	IN	UTL	TECHNIQUES FOR MODIFYING A QUERY BASED ON QUERY ASSOCIATIONS	9/20/2007 9/24/2014
8930356	US-2009-0083226-A1	11/938,552	US	UTL	Techniques for modifying a query based on query associations	11/12/2007 1/6/2015
-	US-2008-0294515-A1	11/752,912	US	UTL	Incentive-Based System and Method for Third-Party Web Application Development and Publication	5/23/2007 -
7844567	US-2009-0049302-A1	11/837,570	US	UTL	System and method for selecting a training sample from a sample set	8/13/2007 11/30/2010
8666813	2009-0070212 A1	11/900,524	US	UTL	System and Method Using Sampling for Scheduling Advertisements in an Online Auction with Budget and Time Constraints	9/10/2007 3/4/2014
7996308	2009-0070251	11/900,523	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 8/9/2011
1444992	200926156	97131169	TW	UTL	Intelligent Media Buffering Based On Input Focus Proximity	8/15/2008 7/11/2014
9148628	2009-0046545 A1	11/840,188	US	UTL	Intelligent Media Buffering Based on Input Focus Proximity	8/16/2007 9/29/2015
-	WO 2009/026101	PCT/US08/073187	WO	UTL	Intelligent Media Buffering Based on Input Focus Proximity	8/14/2008 -
7908819	2009-0067631 A1	11/852,154	US	UTL	Memory Efficient Storage of Large Numbers of Key Value Pairs	9/7/2007 3/8/2011
7836099	US-2009-0037447-A1	11/831,828	US	UTL	A Mail Compression Scheme with Individual Message Decompressability	7/31/2007 11/16/2010
8972326	2011-0125877	13/014,978	US	UTL	System and method for global load balancing of requests for content based on membership status of a user with one or more subscription services	1/27/2011 3/3/2015
-	2015-0142930 A1	14/607,889	US	UTL	System and Method for Global Load Balancing of Requests for Content Based on Membership Status of a User with One or More Subscription Services	1/28/2015 -
7904409	US-2009-0037361-A1	11/926,410	US	UTL	A technique for global load balancing based on dynamic network data and application level business rules	10/29/2007 3/8/2011
1393063	200923817	97128475 TW	TW	UTL	Method for calculating brand index (bi) for interactive rich media advertising monetization	7/26/2008 4/11/2013
-	2009-0030785 A1	11/828,789	US	UTL	MONETIZING RICH MEDIA ADVERTISING INTERACTION	7/26/2007 -

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-	2009-0030784 A1	11/828,509	US	UTL	BUSINESS APPLICATIONS AND MONETIZATION MODELS OF RICH MEDIA BRAND INDEX MEASUREMENTS	7/26/2007 -
-	WO 2009/015117 A3	PCT/US08/70711	WO	UTL	Monetizing Rich Media Advertising Interaction Method For Matching Electronic Advertisements To Surrounding Context Based On Their Advertisement Content	7/22/2008 -
8073803	US-2009-0024554-A1	11/776,540	US	UTL	Mail Monetization - Revenue Sharing Model	7/16/2007 - 12/6/2011
-	2009-0083142 A1	11/661,000	US	UTL	Method for generating structured query results using lexical clustering	9/26/2007 -
7809745	US-2009-0043753-A1	11/836,277	US	UTL	Remote Profile Modification for Device Recovery Assist	8/9/2007 - 10/5/2010
9020466	2009-0042698 A1	11/835,937	US	UTL	Remote Profile Modification for Device Recovery Assist	8/8/2007 - 4/28/2015
-	2015-0230083 A1	14/892,312	US	UTL	Assist	4/21/2015 -
7973655	2009-0135002	11/945,913	US	UTL	Mobile device tracking and location awareness	11/27/2007 - 7/5/2011
8280993	2009-0094311-A1	11/867,096	US	UTL	System and Method for Detecting Internet Bots	10/4/2007 - 10/2/2012
7831595	US-2009-0171942-A1	11/967,851	US	UTL	Predicting and Ranking Search Query Results	12/31/2007 - 11/9/2010
-	37/2010	915/CHENP/2010	IN	UTL	Techniques for improving User Engagement with Advertisements	7/10/2008 -
10-1161502	-	10-2010-7003423	KR	UTL	Techniques for improving User Engagement with Advertisements	7/10/2008 - 6/25/2012
-	200921541	97126885	TW	UTL	Techniques for improving user engagement with advertisements	7/16/2008 -
-	20090024463	11/779,770	US	UTL	Techniques for improving User Engagement with Advertisements	7/16/2007 -
-	2009/012118	PCT/US2008/069679	WO	UTL	Techniques for improving User Engagement with Advertisements	7/10/2008 -
-	US-2009-0106226-A1	11/875,666	US	UTL	Search Shoutout Pullquotes	10/19/2007 -
7882177	2009-0049853-A1	11/834,529	US	UTL	EMPLOYING PIXEL DENSITY TO DETECT A SPAM IMAGE	8/6/2007 - 2/1/2011
8301719	2011-0078269	12/963,514	US	UTL	Employing Pixel Density to Detect a Spam Image	12/6/2010 - 10/30/2012
7849092	US-2009-0049091-A1	11/838,003	US	UTL	System And Method For Identifying Similar Media Objects	8/13/2007 - 12/7/2010
8407230	US-2009-0049082-A1	11/842,899	US	UTL	System And Method For Identifying Similar Media Objects	8/21/2007 - 3/26/2013
-	2014-0040280-A1	13/773,540	US	UTL	System And Method For Identifying Similar Media Objects	2/21/2013 -
1505221	200917149	97125190	TW	UTL	A mobile notification system	7/4/2008 - 10/21/2015
-	2014-0206397 A1	14/165,402	US	UTL	Mobile notification system	1/27/2014 -
8045995	US 2008-0299989 A1	11/755,998	US	UTL	Centralized Location Broker	5/31/2007 - 10/25/2011
1366839	200923761	97139500	TW	UTL	Method, apparatus, system, computer program product for modifying a webpage	8/11/2008 - 2/21/2013
7877687	US-2009-0049385-A1	11/893,836	US	UTL	PERSISTENT VISUAL MEDIA PLAYER	8/16/2007 - 1/25/2011
8316360	2011-0119586	13/011,641	US	UTL	Persistent Visual Media Player	1/21/2011 - 11/20/2012
7941429	US-2009-0019031-A1	11/827,316	US	UTL	Interface for Visually Searching and Navigating Objects	7/10/2007 - 5/10/2011

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8087033	2009-0864010	11/849,214	US	UTL	Task-based Tool For Speeding And Customizing Interactions With Web Documents	8/31/2007	12/27/2011
-	2009-0043597 A1	11/890,957	US	UTL	System and method for matching objects using a cluster-dependent multi-armed bandit	8/7/2007	-
8392448	2008-0301113	11/755,851	US	UTL	System and method for providing vector terms related to a search query	5/31/2007	3/5/2013
-	-	PCT/US08/64196	WO	UTL	System and method for providing vector terms related to a search query	5/20/2008	-
8583615	US-2009-0063414-A1	11/849,006	US	UTL	System and Method for Generating a Playlist From a Mood Gradient	8/31/2007	11/12/2013
-	2014-0189512 A1	14/072,981	US	UTL	System and Method for Generating a Playlist From a Mood Gradient	11/6/2013	-
9288812	2014-0059430 A1	14/089,368	US	UTL	SYSTEM AND METHOD FOR GENERATING A MOOD GRADIENT	10/31/2013	2/23/2016
8577134	20090041345-A1	11/835,337	US	UTL	Method and System of Facilitating Search by Color Desktop Application Factory And Application Templates	8/7/2007	11/5/2013
8186455	2009-0007054-A1	11/770,411	US	UTL	Integrating Sponsored Media with User-Generated Content	6/28/2007	4/24/2012
-	-	8796796	EP	UTL	Integrating Sponsored Media with User-Generated Content	7/29/2008	-
-	34/2010	1741/CHENP/2010	IN	UTL	Integrating Sponsored Media with User-Generated Content	7/29/2008	-
10-1505225	10-2010-0044875	10-2010-7004577	KR	UTL	Integrating Sponsored Media with User-Generated Content	7/29/2008	3/17/2015
1457768	200923682	97130142	TW	UTL	A Content Generation Apparatus, A System For Providing A Web-Based Service To Permit Integration Of User Generated Content With Sponsored Media And A Computer-Implemented Method	8/7/2008	10/21/2014
8639714	US-2009-0063449-A1	11/846,786	US	UTL	Integrating Sponsored Media with User-Generated Content	8/29/2007	1/26/2014
-	2014-0100951 A1	14/101,752	US	UTL	Integrating Sponsored Media with User-Generated Content	12/10/2013	-
-	WO 2009/032428	PCT/US08/71503	WO	UTL	Integrating Sponsored Media with User-Generated Content	7/29/2008	-
-	25/2012	7021/CHENP/2009	IN	UTL	Redemption Techniques for Electronic Coupons	5/21/2008	-
10-1421859	-	10-2012-7014035	KR	UTL	Redemption Techniques for Electronic Coupons	5/21/2008	7/14/2014
386660	-	97119658 TW	TW	UTL	Methods and Systems for Authorizing Redemption of Electronic Coupons	5/28/2008	2/21/2013
-	2008-0300970-A1	11/754,548	US	UTL	Redemption Techniques for Electronic Coupons	5/29/2007	-
-	WO 2008/160706 A1	PCT/US2008/064356	WO	UTL	Redemption Techniques for Electronic Coupons	5/21/2008	-
8165808	20090024315-A1	11/879,626	US	UTL	Techniques for Representing Location Information	7/17/2007	4/24/2012
8775420	US-2009-0111487-A1	11/931,332	US	UTL	Text Display Of Geo-Referenced Information Based On Relative Distance To A User Location	10/31/2007	7/8/2014

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7939676	US-2009-0055139-A1	11/841,093	US	UTL	PREDICTIVE DISCRETE LATENT FACTOR MODELS FOR LARGE SCALE DYADIC DATA	8/20/2007	5/31/2011
7870474	2008-0275890	11/800,235	US	UTL	System and Method for Smoothing Hierarchical Data Using Isotonic Regression	5/4/2007	1/11/2011
-	-	60/544,209	US	PRV	Method and apparatus for wirelessly communicating and messaging between previously known and unknown parties	2/11/2004 -	-
7545784	2005-0174975 A1	11/055,310	US	UTL	System and method for wireless communication between previously known and unknown users	2/10/2005	6/9/2009
-	-	60/549,494	US	PRV	Method and apparatus for wirelessly communicating and messaging between previously known and unknown parties	3/1/2004 -	-
-	-	60/550,262	US	PRV	Method and apparatus for wirelessly communicating and messaging between previously known and unknown parties	3/3/2004 -	-
8029329	2009-0164309 A1	12/395,174	US	UTL	System And Method For Wireless Communication Between Previously Known And Unknown Users	2/27/2009	9/20/2011
8249566	2011-0276647	13/186,810	US	UTL	SYSTEM AND METHOD FOR PROFILE FILTERED MESSAGING	7/20/2011	8/21/2012
8478247	2011-0276412	13/186,844	US	UTL	SYSTEM AND METHOD FOR PORTABLE PROFILES	7/20/2011	7/2/2013
8265654	-	13/186,911	US	UTL	SYSTEM AND METHOD FOR PROXIMITY AREA NETWORKING FOR SELECTION OF MESSAGING	7/20/2011	9/11/2012
8989727	2012-0329554	13/604,047	US	UTL	System and Method for Proximity Area Networking for Mobile Gaming	9/5/2012	3/24/2015
8478254	2012-0316967	13/590,013	US	UTL	SYSTEM AND METHOD FOR PROFILE FILTERED ADVERTISEMENTS	8/20/2012	7/2/2013
2008343433	-	2008343433	AU	UTL	Method For Determining Network Proximity For Global Traffic Load Balancing Using Passive TCP Performance Instrumentation	12/12/2008	12/8/2011
2008345200	-	2008345200	AU	UTL	Mapless Global Traffic Load Balancing Via Anycast DNS wildcard beaconing to determine client location and resolver load for global traffic load balancing	12/23/2008	7/19/2012
2008343434	-	2008343434	AU	UTL	DNS Wildcard Beaconing To Determine Client Location And Resolver Load For Global Traffic Load Balancing	12/12/2008	6/8/2012
2012202910	-	2012202910	AU	UTL	Method For Determining Network Proximity For Global Traffic Load Balancing Using Passive TCP Performance Instrumentation	12/12/2008	1/8/2015
-	-	8866397	EP	UTL	Performance Instrumentation	12/12/2008 -	-
-	-	8867262	EP	UTL	Mapless Global Traffic Load Balancing Via Anycast	12/23/2008 -	-

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-	-	8867775	EP	UTL	DNS wildcard beaconing to determine client location and resolver load for global traffic load balancing	12/12/2008 -
-	26/2011	6735/CHENP/2010	IN	UTL	Methods for Collecting and Analyzing Network Performance Data	3/31/2009 -
-	42/2010	3139/CHENP/2010	IN	UTL	Method For Determining Network Proximity For Global Traffic Load Balancing Using Passive TCP Performance Instrumentation	12/12/2008 -
-	46/2010	3143/CHENP/2010	IN	UTL	Mapless Global Traffic Load Balancing Via Anycast DNS wildcard beaconing to determine client location and resolver load for global traffic load balancing	12/23/2008 -
-	42/2010	3136/CHENP/2010	IN	UTL	Methods for Collecting and Analyzing Network Performance Data	12/12/2008 -
10-1114152	-	10-2010-7023216	KR	UTL	Method For Determining Network Proximity For Global Traffic Load Balancing Using Passive TCP Performance Instrumentation	3/31/2009 2/1/2012
10-1086545	-	10-2010-7016192	KR	UTL	Mapless Global Traffic Load Balancing Via Anycast DNS wildcard beaconing to determine client location and resolver load for global traffic load balancing	12/12/2008 11/17/2011
10-1177203	-	10-2010-7016801	KR	UTL	Methods for Collecting and Analyzing Network Performance Data	12/23/2008 8/20/2012
10-1154739	-	10-2010-7016018	KR	UTL	DNS wildcard beaconing to determine client location and resolver load for global traffic load balancing	12/12/2008 6/1/2012
164719	-	201006571-2	SG	UTL	Methods for Collecting and Analyzing Network Performance Data	3/31/2009 8/15/2012
381691	-	97141811	TW	UTL	METHOD FOR DETERMINING NETWORK PROXIMITY FOR GLOBAL TRAFFIC LOAD BALANCING USING PASSIVE TCP	10/30/2008 1/1/2013
398149	-	97144306	TW	UTL	PERFORMANCE USING INSTRUMENTATION Method, Apparatus, System, Instructions And Software For Domain Name Resolution	11/17/2008 6/1/2013
392316	200943878	97141816	TW	UTL	Medium, method and system for dns wildcard beaconing to determine client location and resolver load for global traffic load balancing	10/30/2008 4/1/2013
7962631	2009-0164646A1	11/963,700	US	UTL	METHOD FOR DETERMINING NETWORK PROXIMITY FOR GLOBAL TRAFFIC LOAD BALANCING USING PASSIVE TCP	12/21/2007 6/14/2011
8736340	2009-0164614A1	11/962,051	US	UTL	PERFORMANCE USING INSTRUMENTATION DNS wildcard Beaconing To Determine Client Location And Resolver Load For Global Traffic Load Balancing	12/20/2007 6/17/2014
8073953	2010-0235441	12/790,452	US	UTL	Mapless Global Traffic Load Balancing Via Anycast DNS wildcard Beaconing	5/28/2010 12/6/2011
-	2014-0181287 A1	14/191,807	US	UTL	Methods for Collecting and Analyzing Network Performance Data	2/27/2014 -
-	-	PCT/US09/38969	WO	UTL	Performance Data	3/31/2009 -

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-	2009/0355669	PCT/US08/86700	WO	UTL	Method For Determining Network Proximity For Global Traffic Load Balancing Using Passive TCP Performance Instrumentation	12/12/2008 -
-	-	PCT/US08/88168	WO	UTL	Mapless Global Traffic Load Balancing Via Anycast DNS wildcard beaconing to determine client location and resolver load for global traffic load balancing	12/23/2008 -
-	2009/085670 2011-0041169	PCT/US08/86704 12/539,566	WO	UTL	Live Action Icons for the Internet	12/12/2008 -
8683384	-	97128744	TW	UTL	Method and Apparatus for Estimating the Performance of an Information Package	8/11/2009 3/25/2014
390421	-	11/831,075	US	UTL	Traffic Predictor for Network-Accessible Information Modules	7/30/2008 3/21/2013
7987261	2009/0037421-A1	2008247831	WO	UTL	Traffic Predictor for Network-Accessible Information Modules	7/31/2007 7/26/2011
-	WO 2009/018141 A2	8747075	WO	UTL	Enabling Clustered Search Processing Via Text Messaging	7/25/2008 -
2008247831	-	7059/CHENP/2009	AU	UTL	Enabling Clustered Search Processing Via Text Messaging	4/29/2008 9/15/2011
-	2153354	97116170	EP	UTL	Enabling Clustered Search Processing Via Text Messaging	4/29/2008 -
375157	-	60/915,639	TW	UTL	Enabling Clustered Search Processing Via Text Messaging	5/2/2008 10/21/2012
-	13/2010	11/833,173	IN	UTL	Enabling Clustered Search Processing Via Text Messaging	5/2/2007 -
7633902	2008-0275364	11/833,173	US	UTL	Enabling Clustered Search Processing Via Text Messaging	8/2/2007 4/6/2010
-	WO 2008/137395	PCT/US08/61836	WO	UTL	Enabling Clustered Search Processing Via Text Messaging	4/29/2008 -
8682724	2008-0070211 A1	11/900,522	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 3/25/2014
-	US-2009-0089373-A1	11/863,486	US	UTL	System and method for identifying spam hosts using stacked graphical learning	9/28/2007 -
-	2009-0183112 A1	12/180,486	US	UTL	System and Method for Word-of-Mouth Advertising	7/25/2008 -
-	WO2009/091655 A2	PCT/US2009/030405	WO	UTL	System and Method for Word-of-Mouth Advertising	1/8/2009 -
-	WO2009/091656 A2	PCT/US2009/030406	WO	UTL	System and Method for Real-Time Media Object-Specific Communications	1/8/2009 -
-	-	60/916,386	US	PRV	Framework for the distribution and presentation of television widgets	5/7/2007 -
9179886	2009-0100361	12/062,703	US	UTL	System and method for providing dynamically updating applications in a television display environment	4/4/2008 11/3/2015

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1447607	2009411275	97139522	TW	UTL	Method of online identity management	10/15/2008	8/1/2014
7689627	US-20090100066-A1	11/872,648	US	UTL	Identity Management	10/15/2007	3/30/2010
-	-	PCT/US08/79780	WO	UTL	Identity Management	10/14/2008	-
-	101960455 A	200980107846	CN	UTL	System, Method, and/or Apparatus For Reordering Search Results	2/20/2009	-
-	-	8853599	EP	UTL	Enabling Searching On Abbreviated Search Terms Via Messaging	10/31/2008	-
1150207	1150207	11104359	HK	UTL	Enabling Searching On Abbreviated Search Terms Via Messaging	10/31/2008	2/27/2015
-	40/2010	3137/CHEMP/2010	IN	UTL	Enabling Searching On Abbreviated Search Terms Via Messaging	10/31/2008	-
1391836	200943098	97142813	TW	UTL	Enabling Searching On Abbreviated Search Terms Via Messaging	11/6/2008	4/1/2013
7966304	2009-0144260	11/948,873	US	UTL	Enabling Searching On Abbreviated Search Terms Via Messaging	11/30/2007	6/21/2011
-	WO 2009/070413	PCT/US08/82085	WO	UTL	Enabling Searching On Abbreviated Search Terms Via Messaging	10/31/2008	-
7595206	2009-0228437-A1	12/043,066	US	UTL	Search Query categorization into Verticals	3/5/2008	2/22/2011
-	2009-0070114 A1	11/852,809	US	UTL	Audio Metadata	9/10/2007	-
-	2008296153 -	2008296153 AU	AU	UTL	Bookmarking in videos	9/5/2008	10/6/2011
-	2011218691 -	2011218691 AU	AU	UTL	Bookmarking in videos	9/5/2008	7/15/2013
10-1145062	-	10-2010-7007509	KR	UTL	Bookmarking in videos	9/5/2008	5/3/2012
1403970	2009-0067806 A1	97131888 TW	TW	UTL	Bookmarking in videos	8/21/2008	8/1/2013
-	-	11/876,964	US	UTL	Bookmarking in videos	10/23/2007	-
2008296144	-	PCT/US08/75370	WO	UTL	Bookmarking in videos	9/5/2008	9/8/2011
10-1193794	-	2008296144	AU	UTL	Bookmarking in videos	9/5/2008	10/16/2012
-	-	10-2010-7007506	KR	UTL	Delayed Advertisement Insertion in Videos	9/5/2008	-
1381325	200926035	97131743	TW	UTL	Method and computer-readable medium for delayed advertisement insertion in videos	8/20/2008	1/1/2013
8108257	2009-0070206-A1	11/877,008	US	UTL	Delayed Advertisement Insertion in Videos	10/23/2007	1/31/2012
-	-	PCT/US08/75359	WO	UTL	Delayed Advertisement Insertion in Videos	9/5/2008	-
8886817	2009-0292814	12/125,626	US	UTL	Federation and Interoperability Between Social Networks	5/22/2008	11/11/2014
369617	-	97124691	TW	UTL	Behavioral Predictions Based On Network Activity Locations	7/1/2008	8/1/2012
7958228	200900191182	11/776,488	US	UTL	Behavioral Predictions Based On Network Activity Locations	7/11/2007	6/7/2011
9104775	2009-0100356 A1	11/873,373	US	UTL	Method For Presenting A Web Page	10/16/2007	8/11/2015
7840548	US-2009-0171933-A1	11/965,296	US	UTL	System and method for adding identity to web rank	12/27/2007	11/23/2010
8051065	-	12/907,456	US	UTL	System and method for adding identity to web rank	10/19/2010	11/1/2011
8346750	2012-0041940	13/282,537	US	UTL	System and method for adding identity to web rank	10/27/2011	1/1/2013
8832069	2013-0212084 A1	13/693,723	US	UTL	System and method for adding identity to web rank	12/4/2012	9/9/2014

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8046675	US-2009-0172510-A1	11/366,134	US	UTL	Method of creating graph structure from time-series of attention data	12/28/2007	10/25/2011
8621339	2012-0042230 A1	13/278,528	US	UTL	Method of creating graph structure from time-series of attention data	10/21/2011	12/31/2013
7949724	-	11/966,205	US	UTL	Determining attention data using DNS information	12/28/2007	5/24/2011
7783623	2009-0070204 A1	11/854,074	US	UTL	Targeted in-Group Advertising	9/12/2007	-
7895049	US-2009-0063459-A1	11/848,973	US	UTL	System and Method For Recommending Songs	8/31/2007	8/24/2010
10-1061330	2009-0144211	11/948,190	US	UTL	Dynamic Representation of Group Activity through Reactive Personas	11/30/2007	2/22/2011
8751608	-	10-2007-0080528	KR	UTL	METHOD AND SYSTEM FOR REPLACING HYPERLINKS OF A WEBPAGE	8/10/2007	8/26/2011
10-0954624	2009/0043874-A1	11/875,528	US	UTL	Method and System for Replacing Hyperlinks in a Webpage	10/19/2007	6/10/2014
8595226	US 2009/0043781-A1	11/873,692	US	UTL	METHOD AND SYSTEM FOR PROVIDING CONTENT ACCORDING TO PERSONAL PREFERENCE	8/10/2007	4/16/2010
7783624	2009-0144328-A1	11/949,396	US	UTL	Method and System for Providing Content According to Personal Preference	10/17/2007	11/26/2013
1497435	200937328	97143204	TW	UTL	E-Commerce System Using Searchable Tags	12/3/2007	8/24/2010
-	2009-0138328 A1	11/944,914	US	UTL	Method, System and Computer Program Product for Targeted Distribution of Commercial Incentives	11/7/2008	8/21/2015
8280766	2009-0138347 A1	11/944,935	US	UTL	Targeted Distribution Of Commercial Incentives	11/26/2007	-
-	2012-0016729	13/219,000	US	UTL	Dynamic Augmentation Of Electronic Coupons	8/28/2011	10/2/2012
-	2011-0313829 A1	13/219,141	US	UTL	Targeted Distribution Of Electronic Coupons	8/26/2011	-
8200257	2012-0239487 A1	13/485,260	US	UTL	Targeted Distribution Of Electronic Coupons	5/31/2012	-
-	US-2009-0061911-A1	11/847,899	US	UTL	Customizable Mobile Message Services	8/30/2007	6/12/2012
-	2012-0149409	13/397,381	US	UTL	Charity auctions on social networks for optimizing contributions to fund raising campaigns	2/15/2012	-
8086543	US-2009-0112740-A1	11/932,282	US	UTL	SMS Spam Control	10/31/2007	12/27/2011
7853248	2009-0082042	11/859,539	US	UTL	Peer to Peer Browser Content Caching	9/21/2007	12/14/2010
8392604	US-2009-0094247-A1	11/869,466	US	UTL	Peer to Peer Browser Content Caching	10/9/2007	3/5/2013
-	2013-0191456 A1	13/739,545	US	UTL	System and Method For Optimizing the Reserve Price and Allocation of Web Page Placements in an Online Keyword Auction Using Generalized Trade Reduction	1/11/2013	-
7860754	2009-0150278	12/001,702	US	UTL	Efficient and Correct Fuzzy Snapshot	12/10/2007	12/28/2010
8467814	2009-0069037	11/853,618	US	UTL	SMS Shortcode Allocation	9/11/2007	6/18/2013
7725440	US-2009-0083339-A1	11/862,025	US	UTL	Engagement-Oriented Recommendation Principle	9/26/2007	5/25/2010
7904303	US-2009-0055357-A1	11/844,959	US	UTL	Recommendations Based on an Adoption Curve	8/24/2007	2/16/2011
8050960	US-2009-0094095-A1	11/869,486	US	UTL	Recommendations Based on an Adoption Curve	10/9/2007	11/1/2011
8762228	2013-0103535 A1	13/278,609	US	UTL	Recommendations Based on an Adoption Curve	10/21/2011	6/24/2014

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1417748	-	97141808	TW	UTL	METHOD AND COMPUTER-READABLE STORAGE MEDIUM FOR EXPANDING A QUERY Using a Bipartite Graph To Model and Derive Image and Text Associations	10/30/2008	12/1/2013
8001139	2009-0160860	11/961,893	US	UTL	Expanding a Query to Include Terms Associated Through Visual Content	12/20/2007	8/16/2011
7682124	US-2009-016456A1	11/966,704	US	UTL	Document Modification By A Client-Side Application	12/28/2007	2/1/2011
8972856	2010/0083105 A1	12/239,544	US	UTL	System and Method of Feature Selection Using Subspace Sampling for Text Classification	9/26/2008	3/3/2015
8046317	2009-0171870	12/006,178	US	UTL	Web Page Classification using Graph based Feature Selection	12/31/2007	10/25/2011
7769749	US-2009-0125503-A1	11/938,983	US	UTL	Representative Keyword Selection	11/13/2007	8/3/2010
8463779	20090112844	11/928,857	US	UTL	Non-Intrusive, Context-Sensitive Integration Of Advertisements Within Network-Delivered Media Content	10/30/2007	6/11/2013
-	2013-0290100 A1	13/912,372	US	UTL	Virtual universal translator for a mobile device with a camera	6/7/2013	-
-	2009-0083140 A1	11/860,637	US	UTL	System And Method For Caching Posting Lists	9/25/2007	-
8726490	US-2009-0106018-A1	11/874,421	US	UTL	A Network Control System for Optical Communication Networks	10/18/2007	5/13/2014
7890488	US-2009-0094416-A1	11/868,383	US	UTL	A Network Control System for Optical Communication Networks	10/5/2007	2/15/2011
129031	-	129031	IL	UTL	A Network Control System for Optical Communication Networks	3/17/1999	5/13/2003
6574018	-	09/389,345	US	UTL	A Network Control System for Optical Communication Networks	9/3/1999	6/3/2003
6738581	2003-0174659 A1	10/388,479	US	UTL	Optical Communication Method and System Using Wavelength Division Multiplexing	3/17/2003	5/18/2004
124639	-	124639	IL	UTL	Optical Communication Method and System Using Wavelength Division Multiplexing	5/25/1998	12/16/2001
6404622	-	09/126,378	US	UTL	Web-based competitions using dynamic preference ballots	7/30/1998	6/11/2002
1388997	200925896	97133722	TW	UTL	Web-Based Competitions Using Dynamic Preference Ballots	9/3/2008	3/11/2013
8812514	2009-0083252	11/862,108	US	UTL	Search Query Scoring and Popularity Monitoring and Systems and Methods Therefor	9/26/2007	8/19/2014
-	2009-0271368 A1	12/110,533	US	UTL	Predictive User Click Models To Predict A Target Page Associated With A Search Query	4/28/2008	-
9195743	2009-0094196 A1	11/867,321	US	UTL	Visual Universal Decryption Apparatus and Methods	10/4/2007	11/24/2015
8406424	US-20089-0110194 A1	11/924,009	US	UTL	Visual Universal Decryption Apparatus and Methods	10/25/2007	3/26/2013
8712047	2013-0163756-A1	13/773,080	US	UTL	User Augmented Reality for Camera-Enabled Mobile Devices	2/21/2013	4/29/2014
8180398	US-2009-0102859-A1	11/874,389	US	UTL		10/18/2007	5/15/2012

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8275414	2012-0244907 A1	13/470,042	US	UTL	User Augmented Reality for Camera-Enabled Mobile Devices	5/11/2012	9/25/2012
8806317	2013-0057585 A1	13/664,576	US	UTL	User Augmented Reality For Camera-Enabled Mobile Devices	10/31/2012	12/10/2013
1454931	200931272	97/34493	TW	UTL	System and Method of Inter-Widget Communication	9/9/2008	10/1/2014
8322966	20090070409	11/853,781	US	UTL	System and Method of Inter-Widget Communication	9/11/2007	1/8/2013
-	2013-0219313 A1	13/717,300	US	UTL	System and Method of Inter-Widget Communication	12/17/2012	-
-	WO2009036093	PCT/US08/75896	WO	UTL	System and Method of Inter-Widget Communication	9/10/2008	-
-	2009-0089688 A1	11/864,589	US	UTL	System And Method Of Automatically Sizing And Adapting A Widget To Available Space	9/28/2007	-
-	WO 2009/045916	PCT/US08/77923	WO	UTL	System And Method Of Automatically Sizing And Adapting A Widget To Available Space	9/26/2008	-
-	2009-0138493 A1	11/944,442	US	UTL	Method and System for Media Transformation	11/22/2007	-
8892606	US-2009-0138502	11/944,443	US	UTL	Method and System for Media Collection Expansion	11/22/2007	11/18/2014
-	2015-0074235 A1	14/266,712	US	UTL	Method And System For Media Collection Expansion	4/30/2014	-
9269089	2009-0138348 A1	11/944,445	US	UTL	Method and System for Media Promotion	11/22/2007	2/23/2016
8219916	2010-0023868 A1	12/180,146	US	UTL	Techniques for Visual Representation of User Activity Associated With An Information Resource	7/25/2008	7/10/2012
9111236	2012-0210234 A1	13/443,584	US	UTL	Techniques for Generating a Visual Representation of User Activity Associated With An Information Resource	4/10/2012	8/18/2015
10-1240122	-	10-2010-7022056	KR	UTL	Method and Apparatus for Social Network Marketing with Advocate Referral	2/19/2009	2/27/2013
1498836	200951858	98105779	TW	UTL	Method and Apparatus for Social Network Marketing with Advocate Referral	2/24/2009	9/1/2015
1409712	-	98105933	TW	UTL	Method and Apparatus for Social Network Marketing with Consumer Referral	2/25/2009	9/21/2013
8538811	2009-0222304 A1	12/041,086	US	UTL	Method and Apparatus for Social Network Marketing with Advocate Referral	3/3/2008	9/17/2013
8534823	2009-0222302 A1	12/041,054	US	UTL	Method and Apparatus for Social Network Marketing with Consumer Referral	3/3/2008	10/6/2013
8560390	2009-0222303 A1	12/041,062	US	UTL	Method and Apparatus for Social Network Marketing with Brand Referral	3/3/2008	10/15/2013
-	WO 2009/111166	PCT/US2009/034444	WO	UTL	Method and Apparatus for Social Network Marketing with Advocate Referral	2/19/2009	-
-	WO2009/111167 A2	PCT/US2009/034445	WO	UTL	Method and Apparatus for Social Network Marketing with Consumer Referral	2/19/2009	-
398786	-	97147622	TW	UTL	System, Method and Computer Readable Media for Generating Expertise Based Search Results	12/8/2008	6/11/2013

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7853583	US-2009-0171894-A1	11/965,021	US	UTL	System and method for generating expertise based search results	12/27/2007	12/14/2010
8306965	2011-0060735	12/942,563	US	UTL	System and method for generating expertise based search results	11/9/2010	11/6/2012
-	WO 2009/086237	PCT/US08/87887	WO	UTL	System and method for generating expertise based search results	12/21/2008	-
8051068	2009-0265347 A1	12/106,986	US	UTL	Trait-Based Exploration of a Repository of Documents	4/21/2008	11/1/2011
8001111	US-2009-0265337-A1	12/117,443	US	UTL	Trait-Based Exploration of a Repository of Documents	5/8/2008	8/16/2011
7831456	2009-0132340	11/944,089	US	UTL	Advertisement Display Depth Optimization	11/21/2007	11/9/2010
7806031	-	11/943,192	US	UTL	Online Advertiser Acquisition And Valuation	11/20/2007	9/28/2010
8156002	US-2009-0125372-A1	11/870,026	US	UTL	Contextual Ad Matching Strategies that Incorporate Author Feedback	10/10/2007	4/10/2012
7912843	US-2009-0112840-A1	11/926,568	US	UTL	Methods For Selecting Electronic Advertisements	10/29/2007	3/22/2011
8145649	2011-0087680	12/970,757	US	UTL	Using Machine Translation Techniques	12/16/2010	3/27/2012
8689330	2009-0064335	11/850,557	US	UTL	Methods For Selecting Electronic Advertisements	9/5/2007	4/1/2014
1412391	-	97130769	TW	UTL	Using Machine Translation Techniques	8/13/2008	10/21/2013
8065619	2009-0063984A1	11/899,401	US	UTL	Instant Messaging Malware Protection	9/4/2007	11/22/2011
1406137	200931273	97134495	TW	UTL	Customized Today Module	9/9/2008	8/21/2013
9087325	2009-0070665 A1	11/853,726	US	UTL	Method and apparatus for social interaction	9/11/2007	7/21/2015
-	2015-0324603 A1	14/804,009	US	UTL	Social Network Site including Trust-Based Wiki Functionality	7/20/2015	-
-	WO 2009/036932 A2	PCT/US2008/075538	WO	UTL	Social Network Site including Trust-Based Wiki Functionality	9/8/2008	-
9037970	2009-0070286 A1	11/853,748	US	UTL	Social Network Site including Interactive Digital Objects	9/11/2007	5/19/2015
-	2015-0229683 A1	14/695,510	US	UTL	Social Network Site including Interactive Digital Objects	4/24/2015	-
7945862	2009-0070684-A1	11/853,768	US	UTL	Social Network Site including Contact-Based Recommendation Functionality	9/11/2007	5/17/2011
-	2011-0219036 A1	13/108,473	US	UTL	SOCIAL NETWORK SITE INCLUDING MODIFICATION CONTROL AND MANAGEMENT	5/16/2011	-
9177294	2009-0070852-A1	11/853,775	US	UTL	Social Network Site including Invitation Functionality	9/11/2007	11/3/2015
1402689	200925383	97131747	TW	UTL	Module hosting and content generation system and method thereof	8/20/2008	7/21/2013
8397212	2009-0063619-A1	11/846,843	US	UTL	Module Hosting and Content Generation Platform	8/29/2007	3/12/2013
-	WO 2009032491 A2	PCT/US2008/072969	WO	UTL	Module Hosting and Content Generation Platform	8/13/2008	-
-	-	8797588	EP	UTL	Secure Inter-Module Communication Mechanism	8/11/2008	-
10-1145005	-	10-2010-7006722	KR	UTL	Secure Inter-Module Communication Mechanism	8/11/2008	5/3/2012
1387933	200926043	97131175	TW	UTL	Method and apparatus for providing secure inter-module communication mechanism	8/15/2008	3/1/2013

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8108770	2009-0063613-A1	11/845,536	US	UTL	Secure Inter-Module Communication Mechanism	8/27/2007	1/31/2012
8108771	2009-0064183-A1	12/207,430	US	UTL	Secure Inter-Module Communication Mechanism	9/9/2008	1/31/2012
-	2012-0131448 A1	13/381,721	US	UTL	Secure Inter-Module Communication Mechanism	1/30/2012	-
-	WO 2009/029404 A2	PCT/US2008/072757	WO	UTL	Secure Inter-Module Communication Mechanism	8/11/2008	-
7747680	US-2009-0112974-A1	11/928,167	US	UTL	Community-based web filtering	10/30/2007	6/29/2010
-	2009-0144263 A1	11/950,016	US	UTL	Search Results Using A Panel	12/4/2007	-
8402394	US-2009-0089714-A1	11/864,152	US	UTL	THREE-DIMENSIONAL WEBSITE VISUALIZATION	9/28/2007	3/19/2013
D598029	-	29/298,124	US	DES	Computer Generated Three-Dimensional Sphere And Projection Lines To Adjacent Image For A Portion Of A Display Screen	11/29/2007	8/11/2009
7906363	20090106821	11/951,138	US	UTL	Rate Limiting mechanism for Web services API calls including a Multi-Data center Service deployment scenario	12/5/2007	3/15/2011
-	20090076908	11/924,011	US	UTL	User Generation Of Keywords For Content Authored By Them	10/25/2007	-
8903792	20090049032-A1	11/838,850	US	UTL	Method and System for Intent Queries and Results Toolbar Signature	8/14/2007	12/2/2014
7958363	US-2009-0110199-A1	11/924,945	US	UTL	SYSTEM AND/OR METHOD FOR PROCESSING EVENTS	10/26/2007	6/7/2011
7890494	2009-0112846	11/932,928	US	UTL	Locating Dense and Isolated Sub-Graphs through Constructing Auxiliary Weighted Graph	10/31/2007	2/15/2011
7788210	2009-0106184	11/875,752	US	UTL	Decentralized record expiry	10/19/2007	8/31/2010
7783607	US-2009-0089313-A1	11/863,902	US	UTL	Creating and Editing Media Objects Using Web Requests	9/28/2007	8/24/2010
7840661	US-2009-0172197-A1	11/866,934	US	UTL	SYSTEM FOR OPINION RECONCILIATION	12/28/2007	1/12/2010
7895149	2009-0157589	11/957,779	US	UTL	SYNDICATING HUMOR	12/17/2007	2/22/2011
8429145	US-2009-0164451A1	11/963,423	US	UTL	System and Method for Scheduling Electronic Events	12/21/2007	4/23/2013
-	2009-0165022 A1	11/960,368	US	UTL	System And Method for Contextual Addressing of Communications on a Network	12/19/2007	-
8671154	US-2009-0150514-A1	11/953,454	US	UTL	System And Method for Conditional Delivery of Messages	12/10/2007	3/11/2014
8307029	US-2009-0150489-A1	11/953,494	US	UTL	System and Method for Conditional Delivery of Messages	12/10/2007	11/6/2012
8798371	US-2009-0150501-A1	12/238,668	US	UTL	System And Method for Conditional Delivery of Messages	9/24/2008	8/5/2014
-	2013-110948-A1	13/661,837	US	UTL	System and Method for Conditional Delivery of Messages	10/26/2012	-
-	2014-0344386 A1	14/449,937	US	UTL	System And Method for Conditional Delivery of Messages	8/1/2014	-
-	WO 2009/076084	PCT/US2008/065135	WO	UTL	Gradient Based Optimization of a Ranking Measure	12/1/2008	-
7895198	US-2009-0089274-A1	11/863,453	US	UTL		9/28/2007	2/22/2011

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8005774	US-2009-0136463-A1	11/946,552	US	UTL	Determining A Relevance Function Based On A Query Error Derived Using A Structured Output Learning Technique	11/28/2007	8/23/2011
8275855	2009-0164621	11/961,006	US	UTL	Method and system for monitoring real web services	12/20/2007	9/25/2012
8156032	US-2009-0112653-A1	11/933,127	US	UTL	Auction-Pricing Many Substitute Products	10/31/2007	4/10/2012
7844707	2009-0164632	11/961,629	US	UTL	Web service multi-key rate limiting method and system	12/20/2007	11/30/2010
8168239	US-2009-0164263-A1	11/960,444	US	UTL	System and Method for Facilitating Trusted Recommendations	12/19/2007	1/31/2012
7958088	20090157762	11/957,132	US	UTL	Dynamic Data Reorganization to Accommodate Growth Across Replicated Databases	12/14/2007	6/7/2011
7899807	US-2009-0164425 A1	12/004,881	US	UTL	System and Method for Crawl Ordering by Search Impact	12/20/2007	3/1/2011
-	US-2009-0106099-A1	11/877,227	US	UTL	Personal Targeted Advertising	10/23/2007	-
7970760	US-2009-0234830-A1	12/046,123	US	UTL	System and method for automatic detection of needy queries	3/11/2008	6/28/2011
8312011	2011-0218991	13/108,233	US	UTL	System and method for automatic detection of needy queries	5/16/2011	11/13/2012
379250	200935344	97138149	TW	UTL	Method and System for Creating Superior Informational Guides	10/3/2008	12/11/2012
7962851	US-2009-0100381-A1	11/872,852	US	UTL	Method and System for Creating Superior Informational Guides	10/16/2007	6/14/2011
-	WO 2009/051946 A1	PCT/US08/77599	WO	UTL	Method and System for Creating Superior Informational Guides	9/26/2008	-
7996349	US-2009-0164411	11/951,146	US	UTL	Methods and apparatus for computing graph similarity via sequence similarity	12/5/2007	8/9/2011
8019708	US-2009-0150371-A1	11/951,172	US	UTL	Methods and Apparatus for Computing Graph Similarity Via Signature Similarity	12/5/2007	9/13/2011
8880449	US-2009-0150381	12/236,662	US	UTL	Methods and Apparatus for Computing Graph Similarity Via Signature Similarity	9/24/2008	11/4/2014
8417657	2011-0302147	13/099,305	US	UTL	Methods and apparatus for computing graph similarity via sequence similarity	5/2/2011	4/9/2013
8612409	US-2009-0157651-A1	11/958,913	US	UTL	Method And Apparatus For Detecting And Explaining Bursty Stream Events in Targeted Groups	12/18/2007	12/17/2013
9053185	2014-0164344 A1	14/099,521	US	UTL	Method And Apparatus For Detecting And Explaining Bursty Stream Events in Targeted Groups	12/6/2013	6/9/2015
393017	-	97140365	TW	UTL	System and Method for Updating a Search Results Page in Response to a User Map Interaction	10/21/2008	4/11/2013
8108416	US-2009-0112616-A1	11/982,141	US	UTL	System and Method for Updating a Search Results Page in Response to a User Map Interaction	10/31/2007	1/31/2012

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-	2012-0136894	13/340,967	US	UTL	System and Method for Updating a Search Results Page in Response to a User Map Interaction	12/30/2011 -
7946622	2009-0157578	11/955,965	US	UTL	System and method for generating a classifier model	12/13/2007 5/24/2011
7895284	2009-0143051	11/947,847	US	UTL	Social News Ranking using Gossip Distance	11/29/2007 2/22/2011
8219631	2011-0066725	12/947,782	US	UTL	Social News Ranking Using Gossip Distance	11/16/2010 7/10/2012
8370486	2012-0041806	13/279,188	US	UTL	Social News Ranking Using Gossip Distance	10/21/2011 2/5/2013
8255793	US-2009-0177959A1	11/971,160	US	UTL	Automatic Visual Segmentation of Webpages	1/8/2008 8/28/2012
8676887	2009-0144377	11/948,867	US	UTL	Social News Forwarding to Generate Interest Clusters	11/30/2007 3/18/2014
9064019	2009-0149199 A1	11/951,823	US	UTL	Virtual billboard display on a mobile device	12/6/2007 6/23/2015
-	2015-0317685 A1	14/747,560	US	UTL	Virtual billboard display on a mobile device	6/23/2015 -
-	2009-0157442	11/955,841	US	UTL	System And Method For Improving The Performance Of Digital Advertisements	12/13/2007 -
7729670	US-2009-0157652-A1	11/959,182	US	UTL	METHOD AND SYSTEM FOR QUANTIFYING THE QUALITY OF SEARCH RESULTS BASED ON COHESION	12/18/2007 5/18/2010
7954058	2009-0158176	11/956,875	US	UTL	Sharing Of Content And Hop Distance Over A Social Network	12/14/2007 5/31/2011
1520089	200935347	97146874	TW	UTL	User vaccination detection and response	12/3/2008 2/1/2016
8527623	US-2009-0164557-A1	11/963,493	US	UTL	User Vaccination Detection And Response	12/21/2007 9/3/2013
8832270	US 2013-0332285 A1	13/968,544	US	UTL	User Vaccination Detection and Response	8/16/2013 9/9/2014
8538808	2008-0147682-A1	11/610,699	US	UTL	Creative audit system	12/14/2006 9/17/2013
-	-	10/964,961	US	UTL	System and method for learning and prediction for online advertisements	10/14/2004 -
-	2006-0122879 A1	11/006,121	US	UTL	Method And System For Pricing Electronic Advertisements	12/7/2004 -
-	-	PCT/US2005/043071	WO	UTL	Method And System For Pricing Electronic Advertisements	11/29/2005 -
-	2009-0157498 A1	11/957,052	US	UTL	Personal Broadcast (PB) Engine and Network Method, computer readable storage medium, and computing systems of method of presenting results of a web page query	12/14/2007 -
1402702	-	97145352	TW	UTL	Systems and Methods for Ranking Attention	12/18/2008 7/21/2013
7769740	US-2009-0164450-A1	11/963,374	US	UTL	Systems and Methods for Ranking Attention	12/21/2007 8/3/2010
-	WO 2009/085583	PCT/US2008/085915	WO	UTL	Personalizing Sponsored Search Advertising Layout Using User Behavior History	12/8/2008 -
-	-	200960108725	CN	UTL	Modification Of Content Representation By A Brand Engine In A Social Network	2/23/2009 -
-	32/2011	7665/CHENP/2010	IN	UTL	Modification Of Content Representation By A Brand Engine In A Social Network	4/7/2009 -
-	-	10-2013-7013713	KR	UTL	Brand Engine In A Social Network	4/7/2009 -
1396620	200949743	98113449	TW	UTL	Modification of content representation by a brand engine in a social network	4/23/2009 6/11/2013
9058609	2009-0276453 A1	12/112,628	US	UTL	Modification Of Brand Representations By A Brand Engine in A Social Network	4/30/2008 6/16/2015

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9262764	2009-0278459 A1	12/112,843	US	UTL	Modification Of Content Representation By A Brand Engine In A Social Network	4/30/2008	2/16/2016
-	2009/134597	PCT/US09/39802	WO	UTL	Modification Of Content Representation By A Brand Engine In A Social Network	4/7/2009 -	
7805447	US-2009-0182706-A1	12/015,392	US	UTL	Generating Example Data For Testing Database Queries	1/16/2008	9/28/2010
-	-	60/764,067	US	PRV	Multi network transaction method and system	1/31/2006 -	
-	-	60/764,068	US	PRV	Online advertising multi-network transaction method and system	1/31/2006 -	
8626574	20070179856	60/817,848	US	PRV	Revenue Adjustment Processes	6/30/2006 -	
-	2014-0095301 A1	11/669,756	US	UTL	Revenue Adjustment Processes	1/31/2007	1/7/2014
1467504	200941379	14/096,857	US	UTL	Revenue Adjustment Processes	12/4/2013 -	
-	US-2009-0150210-A1	11/953,715	US	UTL	Advertising Associated with Multimedia Content	12/9/2008	1/1/2015
-	WO 2009/076060	PCT/US08/84583	WO	UTL	Advertising Associated with Multimedia Content	12/10/2007 -	
1485638	200941381	97148033	TW	UTL	SYSTEM AND METHOD FOR MONETIZATION OF CONTENT	11/24/2008 -	
-	-	104104962	TW	UTL	System and Device for Monetization of Content	12/10/2008	5/21/2015
8655718	US-2009-0157450-A1	11/959,217	US	UTL	Methods For Augmenting User-Generated Content Using A Monetizable Feature	12/18/2007	2/18/2014
-	2014-0108158 A1	14/139,373	US	UTL	Methods For Augmenting User-Generated Content Using A Monetizable Feature	12/23/2013 -	
7797260	20090204703	12/029,040	US	UTL	Automated Document Classifier Tuning	2/11/2008	9/14/2010
8930376	US-2009-0210381-A1	12/032,416	US	UTL	Search Result Abstract Quality Using Community Metadata	2/15/2008	1/6/2015
8255612	2009-0156181	11/959,019	US	UTL	POCKET BROADCASTING FOR MOBILE MEDIA CONTENT	12/18/2007	9/11/2012
1502526	200935340	97148518	TW	UTL	Targeted Ad System Using Metadata	12/12/2008	10/1/2015
-	2009-0164301 A1	11/963,349	US	UTL	Targeted Ad System Using Metadata	12/21/2007 -	
-	-	PCT/US08/84726	WO	UTL	Targeted Ad System Using Metadata	11/25/2008 -	
8260682	2009-0157845	11/957,069	US	UTL	Sharing Of Multimedia And Relevance Measure Based On Hop Distance In A Social Network	12/14/2007	9/4/2012
7895235	20090164895	11/960,353	US	UTL	Extracting Semantic Relations from Query Logs	12/19/2007	2/22/2011
1402712	200935267	97147145	TW	UTL	Method and computer readable media for analyzing user reviews with inferred analytics	12/4/2008	7/21/2013
8032471	US 2009-0164402 A1	11/962,597	US	UTL	System and method for annotating and analyzing reviews with inferred analytics	12/21/2007	10/4/2011
-	2011-0282823 A1	13/191,556	US	UTL	System and method for annotating and ranking reviews with inferred analytics	7/27/2011 -	
8364685	US-2009-0171932-A1	11/965,256	US	UTL	System and method for annotation and ranking of reviews personalized to prior user experience	12/27/2007	1/29/2013
-	2013-0136644-A1	13/751,506	US	UTL	System and method for annotation and ranking reviews personalized to prior user experience	1/28/2013 -	
7877389	2009-0157599	11/957,150	US	UTL	Segmentation of Search Topics in Query Logs	12/14/2007	1/25/2011
8478737	2011-0078147	12/965,396	US	UTL	Segmentation of Search Topics in Query Logs	12/10/2010	7/2/2013

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8856097	20090192988	12/022,980	US	UTL	System And/Or Method For Obtaining Or User Generated Content Boxes	1/30/2008	10/7/2014
7839847	US-2010-0007525-A1	12/169,849	US	UTL	Real Time Detection Of Parking Space Availability	7/9/2008	2/22/2011
8145643	2009-0144244	11/999,366	US	UTL	Time based ordering of provided mobile content	1/24/2007	3/27/2012
8812511	2012-0150868	13/401,515	US	UTL	Time based ordering of provided mobile content	2/21/2012	8/19/2014
8056078	US-2009-0220166-A1	12/039,310	US	UTL	Filter For Blocking Image-Based Spam	2/28/2008	11/6/2011
8006775	US-2009-0240643-A1	12/050,436	US	UTL	System and method for detecting human judgment drift and variation control.	3/18/2008	8/23/2011
-	2009-0204474 A1	12/028,712	US	UTL	Method And System For Presenting Targeted Advertisements	2/8/2008	-
7933884	US-2009-0193014-A1	12/022,939	US	UTL	Apparatus And Methods For Tracking, Querying, And Visualizing Behavior Targeting Processes	1/30/2008	4/26/2011
7849146	2009-0216941	12/035,371	US	UTL	Identifying IP addresses for spammers	2/21/2008	12/7/2010
10-1208749	-	10-2010-7020488	KR	UTL	Efficient Compression of Applications	1/14/2009	11/29/2012
8813041	2009-0210858	12/031,544	US	UTL	Efficient Compression of Applications	2/14/2008	8/19/2014
-	2009/102522	PCT/US09/31006	WO	UTL	Efficient Compression of Mobile Applications	1/14/2009	-
-	-	-	-	-	Method, media ecosystem, and computer readable media for collecting media consumption information and displaying media recommendation to a user	-	-
1439934	200945194	97149355	TW	UTL	Media Toolbar and Aggregated/Distributed Media Ecosystem	12/18/2008	6/1/2014
8375131	US-2009-0164641	11/962,747	US	UTL	Media Toolbar and Aggregated/Distributed Media Ecosystem	12/21/2007	2/12/2013
-	2013-0165422 A1	13/727,443	US	UTL	Media Toolbar and Aggregated/Distributed Media Ecosystem	12/28/2012	-
-	WO 2009/085582	PCT/US2008/085909	WO	UTL	Media Toolbar and Aggregated/Distributed Media Ecosystem	12/28/2008	-
8060455	2009-0171869	11/967,864	US	UTL	Hot Term Prediction for Contextual Shortcuts	12/31/2007	11/15/2011
7962468	US-2009-0265383-A1	12/104,954	US	UTL	System And Method For Providing Image Labeling Game Using CBIR	4/17/2008	6/14/2011
8037079	US-2009-0265351-A1	12/104,965	US	UTL	System And Method For Accelerating Editorial Processes For Unsafe Content Labeling Using CBIR	4/17/2008	10/11/2011
8219492	US-2009-0157559-A1	11/958,300	US	UTL	System and Method for Internet Marketing by Endorsements	12/17/2007	7/10/2012
7870131	20090157646	11/956,055	US	UTL	Mitigation of Search Engine Hijacking	12/13/2007	1/11/2011
1415021	-	97146875	TW	UTL	Method, System and Computer Program Product for Using Product and Social Network Data to Improve Online Advertising	12/3/2008	11/11/2013
8843406	2009-0171748 A1	11/965,509	US	UTL	Using Product and Social Network Data To Improve Online Advertising	12/27/2007	9/23/2014
8650144	2009-0210470 A1	12/031,127	US	UTL	Apparatus And Methods For Lossless Compression Of Numerical Attributes In Rule Based Systems	2/14/2008	2/11/2014
8429176	US-2009-0248610-A1	12/057,587	US	UTL	Extending Media Annotations Using Collective Knowledge	3/26/2008	4/23/2013

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7831568	US-2009-0198672-A1	12/026,053	US	UTL	Context-Sensitive Query Expansion	2/5/2008	11/9/2010
7908238	-	11/848,688	US	UTL	Prediction Engines	8/31/2007	3/15/2011
7908234	US-2009-0210369-A1	12/032,111	US	UTL	Systems and methods of predicting resource usefulness using universal resource locators including counting the number of times URL features occur in training data	2/15/2008	3/15/2011
200980110967	CN 101981590 A	200980110967	CN	UTL	Access to Trusted User-Generated Content Using Social Networks	2/25/2009	9/11/2013
1152575	HK1152575	9709581	EP	UTL	Social Network Search	1/15/2009	-
10-1154688	14/2011	11106605	HK	UTL	Social Network Search	1/15/2009	11/1/2013
1402700	200943104	5696/CHENP/2010	IN	UTL	Social Network Search	1/15/2009	-
8195656	2009-0204601	10-2010-7020233	KR	UTL	Social Network Search	1/15/2009	6/1/2012
13881	26706	98103830	TW	UTL	Social Network Search	2/6/2009	7/21/2013
8312380	WO 2009/102527	12/030,715	US	UTL	Social Network Search	2/13/2008	6/5/2012
8296177	US-2009-0254840-A1	1-2010-02374	VN	UTL	Social Network Search	1/15/2009	3/17/2015
-	US-2009-0210288-A1	PCT/US09/31107	WO	UTL	Social Network Search	1/15/2009	-
8156053	2009-0254414 A1	12/099,326	US	UTL	Local Map Chat	4/4/2008	11/13/2012
8135707	US-2009-0281970-A1	12/034,616	US	UTL	Method For Generating Forecasting Landscapes	2/20/2008	10/23/2012
-	2009-0248658 A1	12/056,422	US	UTL	Method and system for managing advertisement quality of sponsored advertisements	4/7/2008	-
-	2009-0237566 A1	12/112,659	US	UTL	Automated Tagging of Documents	5/9/2008	4/10/2012
7769746	US-2009-0182729-A1	12/015,448	US	UTL	Using Embedded Metadata To Improve Search Result Presentation	3/27/2008	3/13/2012
7974971	2010-0257150	12/818,036	US	UTL	User Experience of Advertisements By Allowing Users to Identify Advertisements that Users Dislike	5/15/2008	-
8296288	-	13/175,797	US	UTL	Local query identification and normalization for web search	1/16/2008	8/3/2010
8452768	20090157676	11/958,097	US	UTL	Query identification and Normalization for Web Search	6/17/2010	7/5/2011
7805429	US-2009-0192984-A1	12/021,588	US	UTL	Query Processing for Web Search	7/1/2011	10/23/2012
1477992	200943099	97147144	TW	UTL	Using User Search Behavior To Plan Online Advertising Campaigns	12/17/2007	5/28/2013
-	US-2009-0144264-A1	11/350,398	US	UTL	Personalized Ad Delivery When Ads Fatigue Method, System and Computer-Readable Medium for Third-party Information Overlay on Search Results	1/29/2008	9/28/2010
-	-	PCT/US2008/013439	WO	UTL	Third-Party Information Overlay on Search Results	12/4/2007	-
-	2009-0177644 A1	11/969,751	US	UTL	Third-Party Information Overlay on Search Results	12/4/2008	-
-	48/2010	1668/MUMNP/2010	IN	UTL	Systems and Methods of Mapping Attention	12/23/2008	-
-	200935307	97151554	TW	UTL	Interest Mapping System	12/31/2008	-
-	2009-0176509 A1	11/969,815	US	UTL	Interest mapping system	1/4/2008	-
-	24729 1-2010-01916	11/969,815	VN	UTL	Interest Mapping System	12/23/2008	-

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-	2009/036782	PCT/US2008/88228	WO	UTL	Interest Mapping System Reduction Of Annotations To Extract Structured Web Data	12/23/2008 -
8046360	20090157597	11/956,130	US	UTL	System and method for detecting templates of a website using hyperlink analysis	12/13/2007 10/25/2011
7966523	US-2009-0259649-A1	12/101,293	US	UTL	Apparatus, Method, and Manufacture for Managing Scalable and Traceable Exchanges of Content Between Advertisers and Publishers for Mobile Devices	4/11/2008 6/14/2011
8391798	US 2010-0069096 A1	12/211,730	US	UTL	Apparatus, Method, and Manufacture for Managing Scalable and Traceable Exchanges of Content Between Advertisers and Publishers for Mobile Devices	9/16/2008 3/5/2013
-	-	PCT/US09/54698	WO	UTL	Unsupervised Detection Of Web Pages Corresponding To A Similarity Class	8/21/2009 -
7707229	20090157507	11/955,129	US	UTL	Unsupervised Detection Of Web Pages Corresponding To A Similarity Class	12/12/2007 4/27/2010
7941421	20100161586	12/716,195	US	UTL	Generating Document Templates That Are Robust To Structural Variations	3/2/2010 5/10/2011
7666942	2009-0276506	12/114,568	US	UTL	Structural Clustering And Template Identification For Electronic Documents	5/2/2008 2/23/2010
8239387	20090216708	12/035,948	US	UTL	Graphical Rating Conversion	2/22/2008 8/7/2012
8170349	US/2009/0238469	12/050,817	US	UTL	Information Retrieval Using Dynamic Guided Navigation	3/18/2008 5/1/2012
-	2009-0248666 A1	12/060,094	US	UTL	System and Method for Modeling Relationships Between Entities	3/31/2008 -
8271506	US-2009-0248738	12/059,594	US	UTL	System and Method for Modeling Relationships Between Entities	3/31/2008 9/18/2012
8366499	2012-0310612	13/589,786	US	UTL	System and Method for Modeling Relationships Between Entities	8/20/2012 2/26/2013
9020960	2014-0067875 A1	13/777,739	US	UTL	System and Method for Modeling Relationships Between Entities	2/26/2013 4/28/2015
8569486	US-2009-0248694-A1	12/057,878	US	UTL	System and Method for Addressing Communications	3/28/2008 11/19/2013
8745133	US-2009-0248711-A1	12/057,943	US	UTL	System and Method for Optimizing the Storage of Data	3/28/2008 6/3/2014
-	2009-0248633 A1	12/060,120	US	UTL	System And Method For Direct Display Of Coupons Within Search Result Sets	3/31/2008 -
-	2009-0319288	12/145,436	US	UTL	Suggesting Contacts for Social Networks	6/24/2008 -
7953777	US-2009-0271416-A1	12/110,144	US	UTL	Method And System For Retrieving and Organizing Web Media	4/25/2008 5/31/2011
7895172	2009-0210428	12/070,604	US	UTL	System and method for writing data dependent upon multiple reads in a distributed database	2/19/2008 2/22/2011
-	2009-0018907 A1	11/776,150	US	UTL	Managing Impression Defaults	7/11/2007 -
8468049	US 2009-0210270	12/034,583	US	UTL	Systems And Methods For Providing Direct Communication From Personalized Targeted Advertisements	2/20/2008 6/18/2013

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ZL200960113376.0	102007494 A	200960113376	CN	UTL	System and Method for Trail Identification with Search Results	4/1/2009	11/12/2014
10-1186025	45/2011	419/CHEMP/2011	IN	UTL	Mobile Imaging Device as Navigator	5/20/2009	5/19/2012
1418763	-	10-2011-7001509	KR	UTL	Mobile Imaging Device as Navigator	5/20/2009	5/19/2012
8098694	-	98117952	TW	UTL	Mobile Imaging Device as Navigator	6/1/2009	12/11/2013
8478000	2009-0316951	121143,527	US	UTL	Mobile Imaging Device as Navigator	6/20/2008	1/17/2012
8798323	2012-0020522	13/252,003	US	UTL	Mobile Imaging Device as Navigator	10/3/2011	7/2/2013
8897498	2012-0299960	13/570,070	US	UTL	Mobile Imaging Device as Navigator	8/8/2012	8/5/2014
-	2013-0144905 A1	13/764,172	US	UTL	Mobile Imaging Device as Navigator	2/11/2013	11/25/2014
-	2009-0182759	12/013,289	US	UTL	EXTRACTING ENTITIES FROM A WEB PAGE	1/11/2008	-
-	42/2010	3135/CHEMP/2010	IN	UTL	ADVERTISEMENTS ON MOBILE DEVICES USING INTEGRATIONS WITH MOBILE APPLICATIONS	10/28/2008	-
10-1163984	-	10-2010-7010618	KR	UTL	ADVERTISEMENTS ON MOBILE DEVICES USING INTEGRATIONS WITH MOBILE APPLICATIONS	10/28/2008	7/2/2012
1387932	200937327	97141803	TW	UTL	Method for delivering advertisements to mobile devices and mobile devices for receiving advertisements	10/30/2008	3/1/2013
8275419	US 2009/0125376 A1	11/939,685	US	UTL	ADVERTISEMENTS ON MOBILE DEVICES USING INTEGRATIONS WITH MOBILE APPLICATIONS	11/14/2007	9/25/2012
8583188	2013/0045778 A1	13/598,062	US	UTL	ADVERTISEMENTS ON MOBILE DEVICES USING INTEGRATIONS WITH MOBILE APPLICATIONS	8/29/2012	11/12/2013
-	WO 2009/064609 A2	PCT/US08/61445	WO	UTL	ADVERTISEMENTS ON MOBILE DEVICES USING INTEGRATIONS WITH MOBILE APPLICATIONS	10/28/2008	-
-	2009/0248662	12/059,098	US	UTL	Ranking Advertisements with Pseudo-Relevance Feedback and Translation Models	3/31/2008	-
8106340	20090248623	12/058,385	US	UTL	Search Engine Configured To Minimize Performance Degradation Under High Load	3/28/2008	1/31/2012
ZL 200960114573.4	CN 102016904A	200960114573	CN	UTL	Modification Of Content Representation By A Brand Engine In A Social Network	4/7/2009	8/19/2015
1153836	HK1153836	11107916	HK	UTL	Access to Trusted User-Generated Content Using Social Networks	2/25/2009	4/11/2014
-	26/2011	6733/CHEMP/2010	IN	UTL	Access to Trusted User-Generated Content Using Social Networks	2/25/2009	-
10-1171599	-	10-2010-7024358	KR	UTL	Access to Trusted User-Generated Content Using Social Networks	2/25/2009	7/27/2012
1401573	200949566	98109865	TW	UTL	Access to trusted user-generated content using social networks	3/26/2009	7/11/2013
8250096	2009/0249451	12/059,711	US	UTL	Access to Trusted User-Generated Content Using Social Networks	3/31/2008	8/21/2012
-	WO2009/145812	PCT/US2009/001218	WO	UTL	Access to Trusted User-Generated Content Using Social Networks	2/25/2009	-

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-	US-2009-0248667-A1	12/060,068	US	UTL	Cross-domain Matching System	3/31/2008 -	
7974940	2009-0292722	12/125,691	US	UTL	Real Time Expert Dialog Service	5/22/2008	7/5/2011
8644808	US-2009-0247140-A1	12/059,460	US	UTL	System for Providing Mobile Advertisement	3/31/2008	2/4/2014
-	2014-0114762 A1	14/143,872	US	UTL	Actions	12/30/2013 -	
1468970	200928847	97145066	TW	UTL	Mobile Click Fraud Prevention	11/21/2008	1/11/2015
8796069	US-2009-0184269-A1	11/963,165	US	UTL	Mobile Click Fraud Prevention	12/21/2007	8/5/2014
-	2014-0310035 A1	14/316,413	US	UTL	Mobile Click Fraud Prevention	6/26/2014 -	
-	US-2009-0197580-A1	PCT/US08/84489	WO	UTL	Mobile Click Fraud Prevention	11/24/2008 -	
8196095	US-2009-0197580-A1	12/026,515	US	UTL	Mobile Marketing Application	2/5/2008	6/5/2012
7946643	US-2009-0271391-A1	12/111,257	US	UTL	Method And Apparatus For Rating User Generated Content In Search Results	4/29/2008	5/24/2011
8290927	2011-0196860	13/089,391	US	UTL	Method And Apparatus For Rating User Generated Content In Search Results	4/19/2011	10/16/2012
2009223819	-	2009223819	AU	UTL	System, Method, and/or Apparatus For Reordering Search Results	2/20/2009	9/25/2014
ZL 200960121916.X	102067163A	200960121916.X	CN	UTL	Communication Access Control System and Method	6/4/2009	6/5/2013
-	-	9720414	EP	UTL	System, Method, and/or Apparatus For Reordering Search Results	2/20/2009 -	
-	1153013	11107045	HK	UTL	System, Method, and/or Apparatus For Reordering Search Results	2/20/2009 -	
-	23/2011	6492/CHEMP/2010	IN	UTL	System, Method, and/or Apparatus For Reordering Search Results	2/20/2009 -	
10-1273126	10-2010-0114127	10-2010-7020248	KR	UTL	System, Method, and/or Apparatus For Reordering Search Results	2/20/2009	6/3/2013
163968	-	201005889-9	SG	UTL	System, Method, and/or Apparatus For Reordering Search Results	2/9/2009	3/28/2013
1397826	200943106	98104596	TW	UTL	System, method, and apparatus for reordering search results	2/13/2009	6/1/2013
8412702	20090234834	12/047,069	US	UTL	System, Method, and/or Apparatus for Reordering Search Results	3/12/2008	4/2/2013
-	-	PCT/US09/01119	WO	UTL	System, Method, and/or Apparatus For Reordering Search Results	2/20/2009 -	
7846076	US-2009-0248668-A1	12/060,195	US	UTL	Learning Ranking Functions Incorporating Isotonic Regression For Information Retrieval And Ranking	3/31/2008	12/7/2010
8051072	US-2009-0248667-A1	12/060,179	US	UTL	Learning Ranking Functions Incorporating Boosted Ranking In A Regression Framework For	3/31/2008	11/1/2011
200980123322	CN 102067164A	200980123322	CN	UTL	Information Retrieval And Ranking	5/20/2009	1/9/2013
-	-	9722493	EP	UTL	Mobile Imaging Device as Navigator	2/23/2009 -	
-	-	-	HK	UTL	Personalizing Sponsored Search Advertising	-	
-	-	-	UTL	Layout Using User Behavior History	-		

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-	24/2011	6597/CHENP/2010	IN	UTL	Personalizing Sponsored Search Advertising Layout Using User Behavior History	2/23/2009 -
10-1154647	-	10-2010-7023153	KR	UTL	Personalizing Sponsored Search Advertising Layout Using User Behavior History	2/23/2009 6/1/2012
1456516	200951860	98106125	TW	UTL	Personalizing Sponsored Search Advertising Layout Using User Behavior History	2/26/2009 10/11/2014
8762364	US-2009-0240677-A1	12/050,846	US	UTL	Personalizing Sponsored Search Advertising Layout Using User Behavior History	3/18/2008 6/24/2014
8060579	-	12/484,111	US	UTL	User location dependent DNS Lookup Method For Segmenting Webpages By Parsing Webpages Into Document Object Modules (DOMS) And Creating Weighted Graphs	6/12/2009 11/15/2011
7974834	2009-0248608-A1	12/058,622	US	UTL	Classifying Content Resources Using Structured Patterns	3/28/2008 7/5/2011
8005862	US 2009/0240729 A1	12/052,679	US	UTL	Annotations of Third Party Content	3/20/2008 8/23/2011
-	2009-0271388 A1	12/108,444	US	UTL	System For Query Scheduling to Maximize Work Sharing	4/23/2008 -
7877380	US-2009-0216718-A1	12/036,956	US	UTL	System and Method for Automatically Ranking Lines of Text	2/25/2008 1/25/2011
8005845	US-2009-0232663-A1	12/124,086	US	UTL	Research Tool Access Based On Research Session Detection	5/20/2008 8/23/2011
ZL 200960128726.0	102105878 A	200960128726	CN	UTL	System and Method for Trail Identification with Search Results	7/27/2009 6/10/2015
-	26/2011	6774/CHENP/2010	IN	UTL	System and Method for Trail Identification with Search Results	4/1/2009 -
1471737	-	98107979	TW	UTL	System and Method for Trail Identification with Search Results	3/12/2009 2/1/2015
8593935	US-2009-0259632-A1	12/103,527	US	UTL	System and Method for Trail Identification with Search Results	4/15/2008 11/19/2013
-	-	14/036,302	US	UTL	System and Method for Trail Identification with Search Results	9/25/2013 -
-	WO 2009/129048 A3	PCT/US09/39096	WO	UTL	System and Method for Classifying Tags of Content Using a Hyperlinked Corpus of Classified Web Pages	4/1/2009 -
8046361	US 2009-0265315 A1	12/106,202	US	UTL	Automated System And Method For Creating A Content-Rich Site Based on An emerging Subject of Internet Search	4/18/2008 10/25/2011
8271474	US-2009-0327275-A1	12/165,548	US	UTL	Navigation Assistance For Search Engines	6/30/2008 9/18/2012
7949647	US-2010-0131902-A1	12/324,680	US	UTL	Navigation Assistance For Search Engines	11/26/2008 5/24/2011
8484184	2011-0202520	13/095,491	US	UTL	Associating Objects in Databases by Rate-based Tagging	4/27/2011 7/9/2013
8713009	2010-0082576 A1	12/238,324	US	UTL	Automated System and Method for Creating a Web Site Based on a Subject Using Information Available on the Internet	9/25/2008 4/23/2014
-	2009-0327923 A1	12/165,537	US	UTL	Automated Tagging Of Objects in Databases	6/30/2008 -
8407216	US-2010-0082575-A1	12/238,320	US	UTL	Automated Tagging Of Objects in Databases	9/25/2008 3/26/2013

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8001106	2009-0327304	12/163,898	US	UTL	Systems and Methods for Tokenizing and Interpreting Uniform Resource Locators	6/27/2008	8/16/2011
8744976	2009-0271370	12/111,050	US	UTL	Discovery Of Friends Using Social Network Graph Properties	4/28/2008	6/3/2014
8301437	US-2010-0023514-A1	12/178,775	US	UTL	Tokenization Platform	7/24/2008	10/30/2012
9196738	2012-0310630 A1	13/572,825	US	UTL	Tokenization Platform	8/13/2012	11/24/2015
8893131	20090260016	12/101,443	US	UTL	System and/or Method for Bulk Loading of Records into an Ordered Distributed Database	4/11/2008	11/18/2014
1421713	-	98104285	TW	UTL	System and/or Method for Personalization of Searches	2/11/2009	1/1/2014
9049313	2009-0222431 A1	12/039,419	US	UTL	System and/or Method for Personalization of Searches	2/28/2008	5/26/2015
-	-	PCT/US09/33120	WO	UTL	Searches	2/4/2009 -	
2009276771	-	2009276771	AU	UTL	Research Tool Access Based On Research Session Detection	7/27/2009	3/25/2013
2013201484	-	2013201484	AU	UTL	Research Tool Access Based On Research Session Detection	7/27/2009	9/17/2015
-	CN102105879	200980128749 CN	CN	UTL	Federated Community Search	7/23/2009 -	
-	2318958	9803424	EP	UTL	Research Tool Access Based On Research Session Detection	7/27/2009 -	
10-1520194	-	10-2013-7003468	KR	UTL	Research Tool Access Based On Research Session Detection	7/27/2009	5/7/2015
8832038	US-2010-0030736-A1	12/181,912	US	UTL	Research Tool Access Based On Research Session Detection	7/29/2008	9/9/2014
-	WO 2010/014525	PCT/US09/51808	WO	UTL	Research Tool Access Based On Research Session Detection	7/27/2009 -	
1406141	-	98124769	TW	UTL	Building A Research Document Based On Implicit/Explicit Actions	7/22/2009	8/21/2013
-	2010-0330763 A1	12/181,796	US	UTL	Building A Research Document Based On Implicit/Explicit Actions	7/29/2008 -	
1416355	201030542	98137070	TW	UTL	System, method and computer-readable storage medium for url based query for retrieving data related to a context	11/22/2009	11/21/2013
8032608	US-2010-0125604-A1	12/273,259	US	UTL	System and Method for URL Based Query for Retrieving Data Related to a Context	11/18/2008	10/4/2011
-	2010/0359309	PCT/US2009/060379	WO	UTL	System and Method for URL Based Query for Retrieving Data Related to a Context	10/12/2009 -	
875465	US-2010-0030813-A1	12/182,750	US	UTL	Automatic Updating Of Content Included in Research Documents	7/30/2008	7/8/2014
-	2010-0031190 A1	12/181,949	US	UTL	System And Method For Copying Information Into A Target Document	7/29/2008 -	
8374913	US-2009-0254415-A1	12/099,042	US	UTL	Method and System for Comparing Effects of Audio-Visual Ads on Internet Searches	4/7/2008	2/12/2013
9135328	2009-0276399 A1	12/112,721	US	UTL	Ranking Documents Through Contextual Shortcuts	4/30/2008	9/15/2015

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1485589	200949584	9811299	TW	UTL	Method and System For Generating Topic Pages	4/20/2009	5/21/2015
-	2009-0282013 A1	12/116,195	US	UTL	Algorithmically Generated Topic Pages	5/6/2008	-
-	-	PCT/US09/02241	WO	UTL	ALGORITHMICALLY GENERATED TOPIC PAGES	4/8/2009	-
8010544	2009-0307236	12/135,070	US	UTL	Inverted Indices in Information Extraction to Improve Records Extracted per Annotation	6/6/2008	8/30/2011
-	49/2010	4781/CHENP/2010	IN	UTL	System and Method for Delivery of Augmented Messages	12/16/2008	-
1454099	200947976	97151267	TW	UTL	System and method for delivery of augmented messages	12/29/2008	9/21/2014
-	-	61/019,132	US	PRV	System and Method for Delivery of Augmented Messages	1/4/2008	-
7925708	US-2009-0177745-A1	12/131,447	US	UTL	System and Method for Delivery of Augmented Messages	6/2/2008	4/12/2011
8166124	-	13/079,508	US	UTL	System and Method for Delivery of Augmented Messages	4/4/2011	4/24/2012
-	2012-0203853	13/451,995	US	UTL	System and Method for Delivery of Augmented Messages	4/20/2012	-
-	WO 2009/088684	PCT/US2008/086948	WO	UTL	System and Method for Delivery of Augmented Messages	12/16/2008	-
7941340	US-2010-0082441-A1	12/242,645	US	UTL	Decompilation Used To Generate Dynamic Data Driven Advertisements	9/30/2008	5/10/2011
8726290	20090313635	12/136,393	US	UTL	System and/or method for balancing allocation of data among reduce processes by reallocation	6/12/2008	5/19/2014
8181178	2010-0042998	12/192,106	US	UTL	Online Batch Execution	8/14/2008	5/15/2012
-	-	1107040	EP	UTL	Technique for license management and online software license enforcement	3/21/2001	-
7890430	US-2009-0187995-A1	12/349,304	US	UTL	Technique for license management and online software license enforcement	1/6/2009	2/15/2011
8108323	2009-0287618 A1	12/123,270	US	UTL	Distributed Personal Spam Filtering	5/19/2008	1/31/2012
8095540	20090265303	12/104,168	US	UTL	IDENTIFYING SUPERPHRASES OF TEXT STRINGS	4/16/2008	1/10/2012
8655902	2012-0078935 A1	13/313,852	US	UTL	IDENTIFYING SUPERPHRASES OF TEXT STRINGS	12/7/2011	2/18/2014
7809715	US 2009/0259629 A1	12/103,126	US	UTL	Abbreviation Handling in Web Search	4/15/2008	10/5/2010
8204874	2011-0010353	12/884,708	US	UTL	Abbreviation Handling in Web Search	9/17/2010	6/19/2012
ZL200980132520.5	102132308A	200980132521	CN	UTL	Information Sharing in An Online Community	8/12/2009	3/21/2013
-	49/2010	5273/CHENP/2010	IN	UTL	Location Tracking Based On Proximity-Based Ad Hoc Network	8/24/2010	-
10-1185672	1020100117658	10-2010-7019986	KR	UTL	Location Tracking Based On Proximity-Based Ad Hoc Network	2/2/2009	9/18/2012
10-1251861	-	10-2012-7010464	KR	UTL	Location Tracking Based On Proximity-Based Ad Hoc Network	2/2/2009	4/1/2013
10-1385341	-	10-2012-7024272	KR	UTL	Location Tracking Based On Proximity-Based Ad Hoc Network	2/2/2009	4/8/2014

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1-412292	-	98103636	TW	UTL	Location Tracking Based On Proximity-Based Ad Hoc Network	2/5/2009	10/11/2013
8045482	US-2009-0201850-A1	12/028,422	US	UTL	Location Tracking Based On Proximity-Based Ad Hoc Network	2/8/2008	10/25/2011
-	-	PCT/US09/32854	WO	UTL	Location Tracking Based On Proximity-Based Ad Hoc Network	2/2/2009	-
8060018	US-2009-0201896-A1	12/028,552	US	UTL	Data Sharing Based On Proximity-Based Ad Hoc Network	2/8/2008	11/15/2011
7822564	US-2009-0204346-A1	12/028,579	US	UTL	Power Management For Proximity-Based Ad Hoc Networks	2/8/2008	10/26/2010
8756030	US-2009-0204364-A1	12/028,607	US	UTL	Time Code Validation And Correction For Proximity-Based Ad Hoc Networks	2/8/2008	6/17/2014
-	2014-0287782 A1	14/298,636	US	UTL	Time Code Validation And Correction For Proximity-Based Ad Hoc Networks	6/6/2014	-
8051032	2010-0030793	12/184,183	US	UTL	System and Method for Loading Records into a Partitioned Database Table	7/31/2008	11/1/2011
7966325	2010-0082593-A1	12/237,336	US	UTL	System and Method for Ranking Search Results Using Social Information	9/24/2008	6/21/2011
8504558	2010-0030717-A1	12/184,114	US	UTL	Framework To Evaluate Content Display Policies Meeting Scheduler	7/31/2008	8/6/2013
-	2010-0125479 A1	12/271,767	US	UTL	Method, Apparatus and Computer Readable Medium for Indexing Advertisements to Combine Relevance with Consumer Click Feedback	11/14/2008	-
8725752	2012-0166445	13414,004	US	UTL	Method and Apparatus for Web Ad Matching	3/7/2012	5/13/2014
-	2014-0108417 A1	14/104,953	US	UTL	Analysis of Database Performance Reports for Graphical Presentation of Summary Results	12/12/2013	-
8156421	US-2009-0327854-A1	12/135,552	US	UTL	Media Object Metadata Engine Configured To Determine Relationships Between Persons	6/30/2008	4/10/2012
8831276	US-2010-0177938-A1	12/353,055	US	UTL	Identifying Regional Sensitive Queries in Web Search	1/13/2009	9/9/2014
7949672	US-2009-0307198-A1	12/136,279	US	UTL	Automated User Segment Selection For Delivery Of Online Advertisements	6/10/2008	5/24/2011
8234166	US-2010-0106606-A1	12/260,601	US	UTL	Normalizing Query Words In Web Search	10/28/2008	7/31/2012
8010547	2009-0259643	12/103,382	US	UTL	Adaptive Materialized View Selection For Databases	4/15/2008	8/30/2011
7921103	2009-0319476-A1	12/143,710	US	UTL	Ranking using word overlap and correlation features	6/20/2008	4/5/2011
8918328	2009/0259643 A1	12/106,230	US	UTL	Interconnected, Universal Search Experience Across Multiple Verticals	4/18/2008	12/23/2014
8489582	2010-0036827-A1	12/187,314	US	UTL	Virtual Billboards	8/6/2008	7/16/2013
8711176	US-2009-0289956-A1	12/125,891	US	UTL	Virtual Billboards	5/22/2008	4/29/2014
-	2014-0267416 A1	14/209,612	US	UTL	Reality Overlay Device	3/13/2014	-
-	US-2009-0289955-A1	12/125,877	US	UTL	Virtual notes in a reality overlay	5/22/2008	-
9191236	2010-0023678 A1	12/177,983	US	UTL	Virtual notes in a reality overlay	7/23/2008	11/17/2015
-	2012-0131435	13/360,415	US	UTL	Method And System For Providing Customized Regional Maps	1/27/2012	-
-	2010-0095231 A1	12/250,165	US	UTL		10/13/2008	-

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-	2010-0280879	12/434,580	US	UTL	Gift Incentive Engine	5/1/2009 -
-	2010-0280913	12/434,575	US	UTL	Gift Credit Matching Engine	5/1/2009 -
8168924	2010-0082075	12/252,302	US	UTL	Phishing Abuse Recognition in Web Pages	10/15/2008 - 5/29/2012
8433141	2012-0230582	13/478,926	US	UTL	Phishing Abuse Recognition in Web Pages	5/21/2012 - 4/30/2013
2009296977	2009296977	2009296977	AU	UTL	Integration of Open Advertisements with E-Commerce Activities	9/3/2009 - 7/16/2015
-	102132272A	200980132583	CN	UTL	System and method for assisting search requests with vertical suggestions	8/21/2009 -
-	2342890	9816682	EP	UTL	Integration of Open Advertisements with E-Commerce Activities	9/3/2009 -
1161763	1161763	12102238	HK	UTL	Integration of Open Advertisements with E-Commerce Activities	9/3/2009 - 8/14/2015
10-1242791	-	10-2011-7009396	KR	UTL	Integration of Open Advertisements with E-Commerce Activities	9/3/2009 - 3/6/2013
1418423	201020954	98131336	TW	UTL	Integration of Open Advertisements with E-Commerce Activities	9/17/2009 - 11/21/2013
8374949	US 2010-0082472 A1	12/239,310	US	UTL	Integration of Open Advertisements with E-Commerce Activities	9/26/2008 - 2/12/2013
-	WO 2010/036500 A3	PCT/US09/55918	WO	UTL	Integration of Open Advertisements with E-Commerce Activities	9/3/2009 -
8433785	US 2010/0070620 A1	12/211,606	US	UTL	SYSTEM AND METHOD FOR DETECTING INTERNET BOTS	9/18/2008 - 4/30/2013
8037053	US-2010-0114853-A1	12/263,368	US	UTL	System and Method for Generating an Online Summary of a Collection of Documents	10/31/2008 - 10/11/2011
200860141573	102187358 A	200860141573	CN	UTL	Integration of Open Advertisements with E-Commerce Activities	9/3/2009 - 11/12/2014
10-1294862	-	10-2011-7008885	KR	UTL	Communication Access Control System and Method	6/4/2009 - 8/2/2013
1477994	201011580	98119945	TW	UTL	Communication Access Control System and Method	6/15/2009 - 3/21/2015
-	2009-0327501 A1	12/163,101	US	UTL	Communication Access Control System and Method	6/27/2008 -
-	2009/158167	PCT/US2009/046250	WO	UTL	Communication Access Control System and Method	6/4/2009 -
8024342	US-2010-0030766-A1	12/183,217	US	UTL	Systems And Methods For Determining A Tag Match Ratio	7/31/2008 - 9/20/2011
8126639	20090319507	12/142,672	US	UTL	Methods and Apparatuses for Adapting a Ranking Function of a Search Engine for Use With a Specific Domain	6/19/2008 - 2/28/2012
8332775	US-2009-0276729	12/112,942	US	UTL	Adaptive User Feedback Window	4/30/2008 - 12/11/2012
2009220439	-	2009220439	AU	UTL	Secure Browser-Based Applications	2/23/2009 - 9/13/2012
ZL200980142495.9	-	200980142496	CN	UTL	Digital Image Retrieval by Aggregating Search Results Based on Visual Annotations	10/20/2009 - 11/6/2013
1153011	1153011	9717012	EP	UTL	Secure Browser-Based Applications	2/23/2009 -
10-1384085	-	11107042	HK	UTL	Secure Browser-Based Applications	2/23/2009 - 7/3/2015
-	-	10-2012-7031925	KR	UTL	Secure Browser-Based Applications	2/23/2009 - 4/3/2014

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188169	188169	201301253-9	SG	UTL	Secure Browser-Based Applications	2/23/2009	11/6/2015
1420336	-	98105236	TW	UTL	Secure Browser-Based Applications	2/19/2009	12/21/2013
-	-	61/067,872	US	PRV	Secure Access to Native Operating System Features	3/2/2008	-
8635701	US-2009-0222925-A1	12/350,177	US	UTL	Secure Browser-Based Applications	1/7/2009	1/21/2014
-	-	PCT/US2009/34833	WO	UTL	Secure Browser-Based Applications	2/23/2009	-
8051080	US-2009-0265338A1	12/132,071	US	UTL	Contextual Ranking of Keywords Using Click Data	6/3/2008	11/1/2011
-	-	61/045,483	US	PRV	Contextual Ranking Of Keywords Using Click Data	4/16/2008	-
-	2010-0325207 A1	12/488,380	US	UTL	Conditional Communication Access Based on User Status	6/19/2009	-
9020970	20100057701	12/200,630	US	UTL	Embeddable Web Application Agent	8/28/2008	4/28/2015
1510937	200943107	98105776	TW	UTL	Method and System for Prioritizing Media Assets for Publication	2/24/2009	12/1/2015
7860878	US 2009-0215741 A1	12/036,970	US	UTL	Prioritizing Media Assets For Publication	2/25/2008	12/28/2010
8027931	US-2009-0328967-A1	12/147,422	US	UTL	Automated Friend Finder	6/26/2008	9/27/2011
-	-	Method and System for Generating a Hyperlink-Click Graph	-	-	-	-	-
7945665	2010-0125572	12/275,155	US	UTL	Query Refinement Based on User Selections	11/20/2008	5/17/2011
8452793	2010/0062610 A1	12/242,415	US	UTL	Query Refinement Based on User Selections	9/30/2008	5/26/2013
8819003	2013-0232399 A1	13/868,104	US	UTL	Above the Fold	4/23/2013	8/26/2014
-	2011-0055023	12/550,339	US	UTL	System and Method for Communal Search	8/26/2009	-
10-1226403	-	10-2010-00309019	KR	UTL	System and Method for Communal Search	2/1/2010	1/18/2013
-	201042476	99102046	TW	UTL	System and Method for Communal Search	1/26/2010	-
-	2010-0198869 A1	12/364,476	US	UTL	Method For Determining An Advertising State Based On An Expected Utility	2/2/2009	-
-	2010-0049586 A1	12/196,245	US	UTL	Automatic Ad Group Creation In A Networked Advertising Environment	8/21/2008	-
2009255462	2009255462	2009255462	AU	UTL	Automatic Ad Group Creation In A Networked Advertising Environment	5/1/2009	7/3/2014
-	37/2011	8627/CHENP/2010	IN	UTL	Automatic Ad Group Creation In A Networked Advertising Environment	5/1/2009	-
10-1307661	-	10-2010-7026672	KR	UTL	Automatic Ad Group Creation In A Networked Advertising Environment	5/1/2009	9/5/2013
186965	-	201008418-4	SG	UTL	Automatic Ad Group Creation In A Networked Advertising Environment	5/1/2009	2/28/2013
8595097	2009-0300031	12/130,442	US	UTL	Automatic Ad Group Creation In A Networked Advertising Environment	5/30/2008	11/26/2013
-	2014-0058847 A1	14/070,235	US	UTL	Automatic Ad Group Creation In A Networked Advertising Environment	11/1/2013	-
-	WO 2009/148737 A1	PCT/US2009/042581	WO	UTL	Automatic Ad Group Creation In A Networked Advertising Environment	5/1/2009	-
-	1158427	11112469	HK	UTL	System and Method for Determination and Display of Personalized Distance	6/4/2009	-
10-1177233	-	10-2011-7008884	KR	UTL	System and Method for Determination and Display of Personalized Distance	6/4/2009	6/20/2012

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1428564	-	98119946	TW	UTL	System and Method for Determination and Display of Personalized Distance	6/15/2009	3/1/2014
8706406	US-2009-0326800-A1	12/163,249	US	UTL	System and Method for Determination and Display of Personalized Distance	6/27/2008	4/22/2014
9222780	2014-0114572 A1	14/144,981	US	UTL	System and Method for Determination and Display of Personalized Distance	12/31/2013	12/29/2015
-	-	14/953,573	US	UTL	Systems and Method for Determination and Display of Personalized Distance	11/30/2015 -	-
-	W/O 2009/158168	PCT/US2009/046258	WO	UTL	System and Method for Determination and Display of Personalized Distance	6/4/2009 -	-
-	201011583	98125477	TW	UTL	System and Method for improved Mapping and Routing	7/29/2009 -	-
-	2010-0030740 A1	12/182,969	US	UTL	System and Method for improved Mapping and Routing	7/30/2008 -	-
-	-	PCT/US2009/051247	WO	UTL	System and Method for improved Mapping and Routing	7/21/2009 -	-
8108778	US-2010-0083169-A1	12/241,590	US	UTL	System and Method for Context Enhanced Mapping within a User Interface	9/30/2008	1/31/2012
9026917	2012-0030579 A1	13/270,791	US	UTL	System and Method for Context Enhanced Mapping within a User Interface	10/11/2011	5/5/2015
8583668	US-2010-0027527-A1	12/182,813	US	UTL	System and Method for Context Enhanced Mapping	7/30/2008	11/12/2013
8959100	2014-0067844-A1	14/076,948	US	UTL	System and Method for Context Enhanced Mapping	11/11/2013	2/17/2015
-	2015-0149910 A1	14/584,475	US	UTL	System and Method for Context Enhanced Mapping	12/29/2014 -	-
-	2014-0257888 A1	14/287,923	US	UTL	Real-Time Inventory Tracking Via Mobile Device	5/27/2014 -	-
-	2010-0036730 A1	12/187,317	US	UTL	Method and system for displaying online advertisements	8/6/2008 -	-
9280779	2012-0095848 A1	13/332,987	US	UTL	Method and system for displaying online advertisements	12/21/2011	3/8/2016
-	-	15/010,697	US	UTL	Method and system for displaying online advertisements	1/29/2016 -	-
8086700	US-2010-0030670-A1	12/182,111	US	UTL	Region and duration uniform resource identifiers (URI) for media objects	7/29/2008	12/27/2011
-	2009-0299798 A1	12/130,378	US	UTL	Supply Curve Pricing in A Networked Advertising Environment	5/30/2008 -	-
8913107	US-2009-0328087-A1	12/163,396	US	UTL	System and method for location based media delivery	6/27/2008	8/19/2014
-	-	9808586	EP	UTL	System and Method for Context Enhanced Messaging	8/4/2009 -	-
-	22/2012	1953/CHENP/2011	IN	UTL	System and Method for Context Enhanced Messaging	8/4/2009 -	-
10-1351199	-	10-2011-7006532	KR	UTL	System and Method for Context Enhanced Messaging	8/4/2009	1/7/2014

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8398506	US-2010-0049702-A1	12/195,969	US	UTL	System and Method for Context Enhanced Messaging	8/21/2008	2/26/2013
-	2013-0238727 A1	13/777,761	US	UTL	System and Method for Context Enhanced Messaging	2/26/2013	-
-	US-2010-0107215-A1	PCT/US2009/052638	WO	UTL	System and Method for Context Enhanced Messaging	8/4/2009	-
8146134	US-2010-0107215-A1	12/259,769	US	UTL	A Scalable Firewall Policy Management Platform	10/28/2008	3/27/2012
8763074	2012-0151555 A1	13/397,922	US	UTL	A Scalable Firewall Policy Management Platform	2/16/2012	6/24/2014
-	2010-0179756 A1	12/352,753	US	UTL	Optimization Of Map Views Based On Real-Time Data	1/13/2009	-
8601377	US-2010-0086607 A1	12/247,980	US	UTL	System and Method for Maintaining Context Sensitive User Groups	10/8/2008	12/3/2013
-	2014-0089439 A1	14/094,626	US	UTL	Context Sensitive User Group Communications	12/2/2013	-
8346754	US-2010-004780-A1	12/194,263	US	UTL	Generating Suggested Tiles for Web Units	8/19/2008	1/1/2013
-	2010-0082398 A1	12/239,964	US	UTL	System for Providing Contextually Relevant Data	9/29/2008	-
8108481	US-2010-0082764-A1	12/240,524	US	UTL	Community Caching Networks	9/29/2008	1/31/2012
8521731	US-2010-0010959-A1	12/169,782	US	UTL	Systems and methods for query expansion in sponsored search	7/9/2008	8/27/2013
-	-	PCT/US09/49786	WO	UTL	Systems and methods for query expansion in sponsored search	7/7/2009	-
8170974	US-2010-0005040-A1	12/168,756	US	UTL	Forecasting Association Rules Across User Engaging Levels	7/7/2008	5/1/2012
8185528	US-2009-0319533-A1	12/144,036	US	UTL	Assigning Human-Understandable Labels to Web Pages	6/23/2008	5/22/2012
8645369	US-2010/0030768 A1	12/184,049	US	UTL	Classifying documents using implicit feedback and query patterns	7/31/2008	2/4/2014
-	102257525A	200980150842 CN	CN	UTL	System and Method for Retargeting Advertisements Based on Previously Captured Relevance Data	11/30/2009	-
-	2419877	10785279 EP	EP	UTL	Subject-based Vitality	4/16/2010	-
-	1166870	12107460 HK	HK	UTL	Subject-based Vitality	4/16/2010	-
-	18/2013	7751/CHENP/2011	IN	UTL	Subject-based Vitality	4/16/2010	-
10-1439593	-	10-2011-7027242	KR	UTL	Subject-based Vitality	4/16/2010	9/2/2014
1479339	201101069	99111974 TW	TW	UTL	SYSTEM, COMPUTER-READABLE STORAGE MEDIUM AND DEVICE FOR SUBJECT-BASED VITALITY	4/16/2010	4/1/2015
-	2010-0268728	12/426,133	US	UTL	Subject-based Vitality	4/17/2009	-
2009277143	-	2009277143 AU	AU	UTL	Federated Community Search	7/23/2009	1/7/2016
-	102550049	200980161654 X	CN	UTL	Acquisition Of Out-Of-Vocabulary Translations By Dynamically Learning Extraction Rules	9/25/2009	-
-	-	9803248 EP	EP	UTL	Federated Community Search	7/23/2009	-
10-1337839	-	10-2011-7002156	KR	UTL	Federated Community Search	7/23/2009	11/29/2013
1425374	2010111582	98123017 TW	TW	UTL	Method, article and apparatus for federated community search	7/8/2009	2/1/2014
-	2010-0023502 A1	12/181,268	US	UTL	Federated Community Search	7/28/2008	-
-	-	PCT/US2009/004308	WO	UTL	Federated Community Search	7/23/2009	-

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2009283027	-	2009283027	AU	UTL	Information Sharing In An Online Community	8/12/2009	3/25/2013
2013201367	-	2013201367	AU	UTL	Information Sharing In An Online Community System and Method for Online Handwriting Recognition in Web Queries	8/12/2009	10/9/2014
ZL 201010244970.8	102262641A	201010244971	CN	UTL	Information Sharing In An Online Community	7/28/2010	9/9/2015
-	2329449	9808620	EP	UTL	Information Sharing In An Online Community	8/12/2009	-
1166538	HK1160538	12100390	HK	UTL	Information Sharing In An Online Community	8/12/2009	11/8/2013
10-1368574	-	10-2013-7010899	KR	UTL	Information Sharing in an online community	8/12/2009	2/21/2014
-	201011672	98127148	TW	UTL	Information Sharing in an online community	8/12/2009	-
8719258	US-2010-0049697-A1	12195,342	US	UTL	Information Sharing in an Online Community	8/20/2008	5/6/2014
-	2010/021893	PCT/US09/53601	WO	UTL	Information Sharing In An Online Community	8/12/2009	-
-	2010-0063881 A1	121205,809	US	UTL	Algorithm For Storyboarding In Display Advertising	9/5/2008	-
8763087	US 2010-0095853 A1	121248,650	US	UTL	System and Method for Content Access Control	10/9/2008	6/24/2014
-	2014-0304283 A1	14312,385	US	UTL	System And Method For Content Access Control	6/23/2014	-
2010204767 -	-	2010204767 AU	AU	UTL	Conditional Incentive Presentation, Tracking And Redemption	1/14/2010	1/16/2014
-	102272786A	201080004169 CN	CN	UTL	Conditional Incentive Presentation, Tracking And Redemption	1/14/2010	-
-	-	2380126	EP	UTL	Conditional Incentive Presentation, Tracking And Redemption	1/14/2010	-
-	HK1163900	12104516 HK	HK	UTL	Conditional Incentive Presentation, Tracking And Redemption	1/14/2010	-
10-1430799	-	10-2011-7018945	KR	UTL	Conditional Incentive Presentation, Tracking And Redemption	1/14/2010	8/8/2014
-	-	10-2013-7034304	KR	UTL	Conditional Incentive Presentation, Tracking And Redemption	1/14/2010	-
1439954	201032167	99100627 TW	TW	UTL	Conditional Incentive Presentation, Tracking And Redemption	1/12/2010	6/1/2014
-	2010-0179856 A1	121353,795	US	UTL	Conditional Incentive Presentation, Tracking And Redemption	1/14/2009	-
-	2009-0327072 A1	12146,296	US	UTL	Presentation Of Sequential Advertisements	6/25/2008	-
8260680	US-2010-0161438-A1	121338,460	US	UTL	System and Method for a Data Driven Meta-Auction Mechanism for Sponsored Search	12/18/2008	8/15/2012
8484094	2012-0290406 A1	131561,179	US	UTL	System and Method for a Data Driven Meta-Auction Mechanism for Sponsored Search	7/30/2012	7/9/2013
8621424	20090328014	12165,457	US	UTL	Compiler Based Code Modification for Use in Document Ranking	6/30/2008	12/31/2013
7627648	-	121508,443	US	UTL	Customizing And Showing Web Pages For Mobile On Web	7/23/2009	12/1/2009
-	2010-0124991	121273,488	US	UTL	Game and Market Mechanisms for Virtual Real Estate	11/18/2008	-
-	2010-0205060 A1	121368,195	US	UTL	Context Sensitive Route Generation System	2/9/2009	-
8700609	US-2010-0049604-A1	121195,332	US	UTL	Advertising In An Online Community	8/20/2008	4/15/2014
8458170	20090327274	12165,307	US	UTL	Prefetching Data for Document Ranking	6/30/2008	6/4/2013
8554647	US-2010-0017476-A1	121173,618	US	UTL	Anti-spam Profile Clustering Based on User Behavior	7/15/2008	10/6/2013

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8099463	US-2010-0017412-A1	12/17/4,203	US	UTL	Method and Apparatus for Sharing Concurrent Ad Hoc Web Content Between Users Visiting the Same Web Pages	7/16/2008	1/17/2012
9009228	2012-0150963 A1	13/350,603	US	UTL	Method and Apparatus for Sharing Concurrent Ad Hoc Web Content Between Users Visiting the Same Web Pages	1/13/2012	4/14/2015
8281027	US-2010-0077017-A1	12/234,000	US	UTL	System and Method for Distributing Media Related to a Location	9/19/2008	10/2/2012
8856375	2013-0018897	13/620,222	US	UTL	System and Method for Distributing Media Related to a Location	9/14/2012	10/7/2014
8290923	US-2010-0076947-A1	12/205,107	US	UTL	Performing Large Scale Structured Search Allowing Partial Schema Changes Without System Downtime	9/5/2008	10/16/2012
7792040	US-2010-0027428-A1	12/182,878	US	UTL	Bandwidth and Cost Management for Ad Hoc Networks	7/30/2008	9/7/2010
8126908	US-2009-0282010A1	12/141,833	US	UTL	Creation and enrichment of search based taxonomy for finding information from semistructured data	6/18/2008	2/28/2012
-	2012-0117050 A1	13/353,187	US	UTL	Creation And Enrichment Of Search Based Taxonomy For Finding Information From Semistructured Data	1/18/2012	-
-	2010-0077484 A1	12/236,037	US	UTL	Location Tracking Permissions And Privacy Automatic Recommendation Of Location Tracking Privacy Policies	9/23/2008	-
7698650	2010-0076777 A1	12/236,363	US	UTL	Presence Indication Configuration Methodology Network device, computer readable storage medium, method and system for managing a search query over a network	9/23/2008	-
1412943	201008618	98124942	TW	UTL	Context Based Search Arrangement For Mobile Devices	7/23/2009	10/21/2013
-	2010-0036830	12/188,178	US	UTL	System and Method for Reporting and Analysis of Media Consumption Data	8/7/2008	-
-	2010-0082688 A1	12/241,887	US	UTL	Generation of Search Result Abstracts	9/30/2008	-
8984398	2010-0057710 A1	12/200,380	US	UTL	Query Log Mining for Detecting Spam Hosts	8/28/2008	3/17/2015
8996622	2010-0082752 A1	12/241,731	US	UTL	Automated Search	9/30/2008	3/31/2015
8456177	2010-0198812	12/364,472	US	UTL	Automated Search	2/2/2009	6/4/2013
9002840	2013-0262509 A1	13/908,266	US	UTL	Automated Search	6/3/2013	4/7/2015
-	25/2012	1798/CHE/2008	IN	UTL	AUGMENTING ONLINE CONTENT WITH ADDITIONAL CONTENT RELEVANT TO USER INTERESTS	7/22/2008	-
9152722	2010-0023506 A1	12/347,882	US	UTL	Augmenting Online Content with Additional Content Relevant to User Interests	12/31/2008	10/6/2015
8499032	US-2010-0042622-A1	12/191,854	US	UTL	System and Method for Compiling a Set of Domain Names to Recover	8/14/2008	7/30/2013
8533129	US-2010-0070457-A1	12/211,636	US	UTL	Efficient Data Layout Techniques for Fast Machine Learning-Based Document Ranking	9/16/2008	9/10/2013
7974970	US-2010-0094868-A1	12/248,267	US	UTL	Detection of Undesirable Web Pages	10/9/2008	7/5/2011

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8483715	2010-0250136	12/412,238	US	UTL	Computer Based Location Identification Using Images	3/26/2009	7/9/2013
9020529	2013-0294657 A1	13/936,341	US	UTL	Computer Based Location Identification Using Images	7/8/2013	4/26/2015
8433175	20100104259	12/259,849	US	UTL	Video Comparing Using Fingerprint Representations	10/28/2008	4/30/2013
-	2010-0010897 A1	12/172,957	US	UTL	Method, Apparatus and System for Calculating and Displaying an Influence Map Using Adjacencies Between Discontinuous Geographies	7/14/2008	-
8527353	US-2010-0070322-A1	12/211,399	US	UTL	Method and Apparatus for Administering a Bidding Language for Online Advertising	9/16/2008	9/3/2013
8065242	US-2010-0023474-A1	12/178,483	US	UTL	Decision Tree Coalescing for Document Ranking System and Method for Socially Aware Identity Manager	7/23/2008	11/22/2011
-	2010-0063993 A1	12/206,172	US	UTL	Reconfiguring Reality Using A Reality Overlay Device	9/8/2008	-
-	2010-0103075 A1	12/257,832	US	UTL	Address Quality Engine	10/24/2008	-
7945630	US-2010-0082757-A1	12/242,074	US	UTL	Application Navigation	9/30/2008	5/17/2011
8171429	US-2009-0300552-A1	12/130,803	US	UTL	Notification Controls For Online Collaboration Platform	5/30/2008	5/1/2012
8060823	US-2010-0037172-A1	12/189,098	US	UTL	Window Overlay For Online Collaboration Platform	8/8/2008	11/15/2011
8060828	US-2010-0037305-A1	12/189,091	US	UTL	Time-Tagged Metainformation and Content Display Method and System	8/8/2008	11/15/2011
8856641	US-2010-0077290-A1	12/236,647	US	UTL	System And Methodology For A Multi-Site Search Engine	9/24/2008	10/7/2014
8095545	2010-0094853-A1	12/250,929	US	UTL	News Selection For A Mobile Device Using Weighted Virtual Titles	10/14/2008	1/10/2012
7693907	-	12/358,183	US	UTL	Measuring Topical Coherence of Keyword Sets	1/22/2009	4/6/2010
8577930	2010-0049504 A1	12/195,068	US	UTL	Measuring Topical Coherence of Keyword Sets	8/20/2008	11/5/2013
7577652	-	12/236,106	US	UTL	Method and System for Determining Near Duplicate Images	9/23/2008	8/18/2009
8213723	2010-0166321	12/344,744	US	UTL	System and method for combating phishing Facilitated Search For Online Collaboration Platform	12/29/2008	7/3/2012
8528079	US-2010-0043071-A1	12/289,578	US	UTL	Method And Apparatus For Estimating The Size Of Rendered Text	11/12/2008	9/3/2013
8006200	US-2010-0037163-A1	12/189,095	US	UTL	System For Optimizing Ad Performance at Campaign Running Time	8/8/2008	8/23/2011
8037410	US 2010-0107061 A1	12/259,170	US	UTL	System and Method for Generation of URL Based Context Queries	10/27/2008	10/11/2011
8645205	US-2010-0082423-A1	12/241,726	US	UTL	System and method for autohyperlinking and navigation in URL based context queries	9/30/2008	2/4/2014
8060492	US-2010-125562-A1	12/273,291	US	UTL	System and Method for Autohyperlinking and Navigation in URL Based Context Queries	11/18/2008	11/15/2011
-	2010030543	98137071	TW	UTL	Navigation in URL Based Context Queries	11/12/2009	-
-	2010-0125569 A1	12/273,317	US	UTL	Navigation in URL Based Context Queries	11/18/2008	-

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-	2010/059308	PCT/US2009/060374	WO	UTL	System and Method for Autohyperlinking and Navigation in URL Based Content Queries	10/12/2009 -
-	2010-0126605 A1	12/273,345	US	UTL	System and Method for Data Privacy in URL Based Content Queries	11/18/2008 -
8024317	US-2010-0125563-A1	12/273,371	US	UTL	System and Method for Deriving Income From URL Based Content Queries	11/18/2008 9/20/2011
-	2012-0010997 A1	13/236,181	US	UTL	System and Method for Deriving Income From URL Based Content Queries	9/19/2011 -
8671093	2010-0126570	12/273,425	US	UTL	Click Model For Search Rankings	11/18/2008 3/11/2014
8719292	2010-0088332	12/247,156	US	UTL	Interactive System For Internet Information Retrieval And Exploration	10/7/2008 5/6/2014
-	2010-0070372 A1	12/212,618	US	UTL	Using Spam And User Actions To Infer Advertisements	9/17/2008 -
-	2010-0082403 A1	12/241,198	US	UTL	Advocate Rank Network and Engine	9/30/2008 -
2009288447	-	2009288447	AU	UTL	System and method for assisting search requests with vertical suggestions	8/21/2009 1/9/2014
-	102308184	201080006997 CN	UTL	UTL	Entity-Based Search Results and Clusters on Maps	2/9/2010 -
-	EP 2335166	9811965	EP	UTL	System and Method for Assisting Search Request with Vertical Suggestions	8/21/2009 -
-	1180524	12100390	HK	UTL	System and method for assisting search requests with vertical suggestions	8/21/2009 -
10-1278406	-	10-2011-7006880	KR	UTL	System and Method for Assisting Search Requests With Vertical Suggestions	8/21/2009 6/16/2013
8010537	US-2010-0057698-A1	12/199,138	US	UTL	Search Assist Vertical Suggestions	8/27/2008 8/30/2011
-	2010/027700	PCT/US09/54587	WO	UTL	Search Assist Vertical Suggestions	8/21/2009 -
-	2010-0131384 A1	12/276,690	US	UTL	Truthful Pricing Scheme For Sponsored Search With Reserve Prices	11/24/2008 -
-	201112687	98134048	TW	UTL	Network Aggregator	10/7/2009 -
-	-	104144424	TW	UTL	Network Aggregator	12/30/2015 -
-	-	61/107,331	US	PRV	Aggregator platform	10/21/2008 -
8869256	2010-0100952 A1	12/359,232	US	UTL	Network Aggregator	1/23/2009 10/21/2014
-	2015-0135295 A1	14/516,229	US	UTL	Network Aggregator	10/16/2014 -
8738436	US-2010-0082421-A1	12/241,815	US	UTL	Click Through Rate Prediction System and Method	9/30/2008 5/27/2014
-	2010-0082435 A1	12/240,653	US	UTL	Customizable Ad Marker	9/29/2008 -
8078645	US-2010-0011013-A1	12/170,025	US	UTL	Operations on Multi-Level Nested Data Structure	7/9/2008 12/13/2011
8078638	US-2010-0010960-A1	12/169,931	US	UTL	Operations on Multi-Level Nested Data Structure	7/9/2008 12/13/2011
8504587	US-2010-0082677-A1	12/241,337	US	UTL	Content Access and Annotation System and Method	9/30/2008 8/6/2013
-	2010-0161592 A1	12/341,909	US	UTL	Query Intent Determination Using Social Tagging	12/22/2008 -
8793249	2010-0082627	12/237,231	US	UTL	Optimization filters for user generated content searches	9/24/2008 7/29/2014
8005917	US-2010-0082728-A1	12/242,018	US	UTL	Consensus-based reliable messaging	9/30/2008 8/23/2011

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8019899	US-2010-0057939 A1	12/200,529	US	UTL	Delivering Partially Processed Results Based on System Metrics in Network Content Delivery Systems	8/28/2008	9/13/2011
-	2010-0082605 A1	12/241,284	US	UTL	System And Method For Deducting User Interaction Patterns Based On Limited Activities	9/30/2008 -	
8340408	220923	12/395,167	US	UTL	Automatic Page Layout Validation	2/27/2009	12/25/2012
-	US-2010-0076850-A1	12/235,414	US	UTL	Targeting Ads by Effectively Combining Behavioral Targeting and Social Networking	9/22/2008 -	
-	US-2009-0106104-A1	12/185,040	US	UTL	System And Method For Implementing An Ad Management System For An Extensible Media Player	8/1/2008 -	
8311882	US-2010-0114710-A1	12/261,933	US	UTL	System and Method for Forecasting an Inventory of Online Advertisement Impressions for Targeting	10/30/2008	11/13/2012
-	2010-0100422 A1	12/255,896	US	UTL	Apparatus and Methods for Pricing Guaranteed Delivery Contracts	10/22/2008 -	
8538809	US-2010-0082503-A1	12/240,826	US	UTL	Estimating on-line advertising inventory value based on contract eligibility information	9/29/2008	9/17/2013
8321280	US-2010-0082442-A1	12/243,347	US	UTL	Demand Forecasting System and Method for Online Advertisements	10/1/2008	11/27/2012
8224692	US-2010-0114721-A1	12/263,406	US	UTL	System and Method for Pricing of Overlapping Impressions Pools of Online Advertisement	10/31/2008	7/17/2012
8682842	US-2010-0146331-A1	12/331,326	US	UTL	Impressions for Advertising Demand	12/9/2008	3/25/2014
8353018	2010-0122330-A1	12/270,528	US	UTL	System and Method for Logging Operations Automatic Local Listing Owner Authentication	11/13/2008	1/8/2013
-	2011-0015999	12/502,330	US	UTL	System and method for utilizing a lattice storage structure in an advertisement serving system	7/14/2009 -	
-	2010-0070335 A1	12/233,091	US	UTL	Method and System for Targeting Online Ads	9/18/2008 -	
-	US-2010-0082611-A1	12/236,353	US	UTL	Using Social Neighborhoods of a Social Network	9/23/2008 -	
-	2010-0293035 A1	12/467,189	US	UTL	Trajectory Data Surfacing System: Surfacing Useful and Relevant Entity Annotations	5/15/2009 -	
-	2010-0250578 A1	12/415,477	US	UTL	Map Advertising System Interface	3/31/2009 -	
7962502	US-2010-0125590A1	12/273,504	US	UTL	System and method for conducting a profile based search	11/18/2008	6/14/2011
8386507	2011-0270989	13/105,746	US	UTL	Efficient Caching For Dynamic Webservice Queries Using Cacheable Fragments	5/11/2011	2/26/2013
8166016	US-2010-0161600-A1	12/339,355	US	UTL	Efficient Caching For Dynamic Webservice Queries Using Cacheable Fragments	12/19/2008	4/24/2012
-	2013-0046778-A1	13/452,091	US	UTL	System and Method for Automated Service Recommendations	4/20/2012 -	
1443532	201030544	98137373	TW	UTL	System and method for context based query augmentation	11/4/2009	7/1/2014

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8035675	US-2010-0125479-A1	12/329,058	US	UTL	System and Method for Context Based Query Augmentation	12/5/2008	11/8/2011
8656167	2012-0078938	13/251,779	US	UTL	System and Method for Context Based Query Augmentation	10/3/2011	10/7/2014
-	2010/065195	PCT/US2009/060476	WO	UTL	System and Method for Context Based Query Augmentation	10/13/2009	-
8260666	US-2010-0179857-A1	12/353,797	US	UTL	Dynamic Demand Calculation Using Captured Data Of Real Life Objects	1/14/2009	9/4/2012
8171043	2010-0114933-A1	12/257,991	US	UTL	Methods For Improving The Diversity Of Image Search Results	10/24/2008	5/1/2012
CN 102326176B	-	201080008406 CN	CN	UTL	System and Method for Delivering Sponsored Landmark and Location Labels	1/29/2010	5/28/2014
-	-	9822582	EP	UTL	Digital Image Retrieval by Aggregating Search Results Based on Visual Annotations	10/20/2009	-
1182077	1182077	12102238	HK	UTL	Digital Image Retrieval by Aggregating Search Results Based on Visual Annotations	10/20/2009	7/4/2014
-	36/2012	3497/CHENP/2011	IN	UTL	Digital Image Retrieval by Aggregating Search Results Based on Visual Annotations	10/20/2009	-
10-1347407	-	10-2011-7011702	KR	UTL	Digital Image Retrieval by Aggregating Search Results Based on Visual Annotations	10/20/2009	12/26/2013
7962500	2010-0114888-A1	12/258,349	US	UTL	Improved Digital Image Retrieval By Aggregating Search Results Based On Visual Annotations	10/24/2008	6/14/2011
-	-	PCT/US09/61361	WO	UTL	Digital Image Retrieval by Aggregating Search Results Based on Visual Annotations	10/20/2009	-
-	2010-0153384	12/332,618	US	UTL	System and Method for In-Context Exploration of Search Results	12/11/2008	-
-	-	15/056,860	US	UTL	System and Method for In-Context Exploration of Search Results	2/29/2016	-
8385267	US 2010-0122331 A1	12/270,785	US	UTL	Single Use Web Based Passwords for Network Login	11/13/2008	1/29/2013
8069160	US-2010-0161613-A1	12/344,005	US	UTL	System and Method for Dynamically Monetizing Keyword Values	12/24/2008	11/29/2011
8732160	US-2010-0121847-A1	12/268,956	US	UTL	Exploring Large Textual Data Sets Via Interactive Aggregation	11/11/2008	5/20/2014
8838527	US-2010-0114867-A1	12/266,364	US	UTL	Virtual Environment Spanning Desktop and Cloud	11/6/2008	9/16/2014
8966842	2014-0324822 A1	14/331,372	US	UTL	Virtual Environment Spanning Desktop and Cloud	7/15/2014	2/24/2015
-	US-2010-0082360-A1	12/242,352	US	UTL	Age-Targeted Online Marketing Using Inferred Age Range Information	9/30/2008	-
8613047	US 2010-0269165 A1	12/427,676	US	UTL	Interacting With Internet Servers Without Keyboard	4/21/2009	12/17/2013
5737852	-	08/745,761	US	UTL	Semiconductor Diode Laser, in Particular A Laser Amplifier, And Method Of Manufacturing This Laser	11/8/1996	4/7/1998

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8140518	2011-0173183	12/694,878	US	UTL	System and method for optimizing search results ranking through collaborative gaming	1/8/2010	3/20/2012
8612424	2012-0149470	13/372,631	US	UTL	System and method for optimizing search results ranking through collaborative gaming	2/14/2012	12/17/2013
8112393	US 2010-0145939-A1	12/323,443	US	UTL	Determining Related Keywords Based On Lifestream Feeds	12/5/2008	2/7/2012
8515908	2012-0102058	13/343,673	US	UTL	Determining Related Keywords Based On Lifestream Feeds	1/4/2012	8/20/2013
9083791	2010-0184422 A1	12/358,190	US	UTL	Web-Hosted Framework For Mobile Applications	1/22/2009	7/14/2015
8135626	2010-0228641	12/398,877	US	UTL	Bid Gateway Architecture for an Online Advertisement Bidding System	3/5/2009	3/13/2012
8130874	2011-0131246	12/628,036	US	UTL	System for Integrating Content from External Corpora into Primary Search Engine Results	11/30/2009	4/3/2012
8156111	US 2010/0131538 A1	12/277,059	US	UTL	Identifying And Expanding Implicitly Temporally Qualified Queries	11/24/2008	4/10/2012
-	2010-0145944 A1	12/332,167	US	UTL	Mining Broad Hidden Query Aspects From User Search Sessions	12/10/2008	-
-	-	15/052,725	US	UTL	Mining Broad Hidden Query Aspects From User Search Sessions	2/24/2016	-
7808824	US-2010-0082800-A1	12/240,708	US	UTL	CLASSIFICATION AND CLUSTER ANALYSIS SPAM DETECTION AND REDUCTION	9/29/2008	10/5/2010
8290944	US 2010-0131493 A1	12/323,297	US	UTL	Method For Storing Bookmarks For Search Results From Previously Submitted Search Queries By A User And Storing Links To Selected Documents By The User	11/25/2008	10/16/2012
8886561	2013-0013628 A1	13/619,443	US	UTL	Method for storing bookmarks for search results from previously submitted search queries by a user and storing links to selected documents by the user	9/14/2012	10/21/2014
-	2010-0131495 A1	12/323,354	US	UTL	Lightning Search Aggregate	11/25/2008	-
8301624	US-2010-0082749-A1	12/416,036	US	UTL	Determining User Preference of Items Based on User Ratings and User Features	3/31/2009	10/30/2012
8909626	2013-0054593A1	13/660,175	US	UTL	Determining User Preference Of Items Based On User Ratings And User Features	10/25/2012	12/9/2014
8296305	US-2010-0145941A1	12/331,358	US	UTL	Rules And Method For Improving Image Search Relevance Through Games	12/9/2008	10/23/2012
8244517	2010-0121624A1	12/267,534	US	UTL	Enhanced Matching through Explore/Exploit Schemes	11/7/2008	6/14/2012
8560293	2012-0303349	13/569,728	US	UTL	Enhanced Matching through Explore/Exploit Schemes	8/8/2012	10/15/2013
-	2010-0114798 A1	12/261,679	US	UTL	Cross-Network Social Networking Application Architecture	10/30/2008	-
8886636	2010-0161605 A1	12/342,449	US	UTL	Context Transfer In Search Advertising	12/23/2008	11/11/2014
-	-	PCT/US09/64986	WO	UTL	Context transfer in search advertising	11/18/2009	-
8812362	20100217848	12/390,048	US	UTL	Method and System for Quantifying User Interactions With Web Advertisements	2/20/2009	8/19/2014

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REEL: 056787 FRAME: 0119

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8504931	US 2010/0162154A1	12/340,400	US	UTL	Conversion Service for Data Dragged on Web-Sites	12/19/2008	8/6/2013
8413063	US 2010/0161582A1	12/352,902	US	UTL	Conversion and Query for Data Dragged On Web-Sites	1/13/2009	4/2/2013
8682072	2010-0166325 A1	12/345,669	US	UTL	Image Segmentation	12/30/2008	3/25/2014
8498978	20100169292	12/345,674	US	UTL	Slideshow-Video File Detection	12/30/2008	7/30/2013
8762829	20100162097	12/344,076	US	UTL	Robust Wrappers For Web Extraction	12/24/2008	6/24/2014
8032535	-	12/427,767	US	UTL	Personalized Web Search Ranking	4/21/2009	10/4/2011
2010218372 -	2010218372 AU	201080017077 X	CN	UTL	System and Method for Delivering Sponsored Landmark and Location Labels	1/29/2010	5/24/2013
ZL201080017077 X	102395969A	201080017077 X	CN	UTL	Subject-based Vitality	4/16/2010	6/10/2015
-	-	10746808 EP	EP	UTL	System and Method for Delivering Sponsored Landmark and Location Labels	1/29/2010 -	-
1165062	1165062	12105743 HK	HK	UTL	System and Method for Delivering Sponsored Landmark and Location Labels	1/29/2010	2/18/2015
51/2012	6230/CHENP/2011	IN	IN	UTL	System and Method for Delivering Sponsored Landmark and Location Labels	1/29/2010 -	-
2010-0217525 A1	12/392,678	US	US	UTL	System and Method for Delivering Sponsored Landmark and Location Labels	2/25/2009 -	-
8364869	US 2010/0199098A1	12/364,079	US	UTL	PROTECTING PRIVACY OF SHARED PERSONAL INFORMATION	2/2/2009	1/29/2013
8752196	2013-0205404 A1	13/734,766	US	UTL	Protecting Privacy of Shared Personal Information	1/4/2013	6/10/2014
8849790	2010-0161652 A1	12/244,132	US	UTL	Rapid Iterative Development Of Classifiers	12/24/2008	9/30/2014
-	2010-0199184 A1	12/363,409	US	UTL	Prioritizing Vitality Events in A Social Networking System	1/30/2009 -	-
-	2010-0198741 A1	12/363,447	US	UTL	Designating Priority For Characteristics Of Vitality Events in A Social Networking System	1/30/2009 -	-
8676827	US 2010-0198657 A1	12/365,551	US	UTL	Rare Query Expansion By Web Feature Matching	2/4/2009	3/18/2014
8041729	2010-0228742	12/390,066	US	UTL	Categorizing Queries and Expanding Keywords with a Coreference Graph	2/20/2009	10/18/2011
8266158	US-2010-0198836-A1	12/362,917	US	UTL	Systems and methods for calculating just-in-time reputation score	1/30/2009	9/11/2012
8150723	2010-0179855	12/351,749	US	UTL	Large-Scale Behavioral Targeting For Advertising Over a Network	1/9/2009	4/3/2012
-	2010-0198698 A1	12/365,082	US	UTL	Method, System, or Apparatus for a Truthful Pricing Scheme for a Seller	2/3/2009 -	-
-	2010-0165642 A1	12/357,345	US	UTL	INTEREST-BASED LOCATION TARGETING ENGINE	1/21/2009 -	-
-	2389652	10738894 EP	EP	UTL	User Interface for Interest-Based Targeted Marketing	1/6/2010 -	-
1417800	-	99101366 TW	TW	UTL	User Interface for Interest-Based Targeted Marketing	1/19/2010	12/1/2013
-	2010-0165517-A1	12/357,311	US	UTL	User Interface for Interest-Based Targeted Marketing	1/21/2009 -	-

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-	2010-030783	PCT/US2010/020210	WO	UTL	User Interface for Interest-Based Targeted Marketing	1/6/2010 -
-	2010-0185609-A1	12/357,285	US	UTL	Interest-Based Ranking System for Targeted Marketing	1/21/2009 -
-	2010-0223252	12/395,931	US	UTL	Personalized Search Results Utilizing Previously Navigated Web Sites	3/2/2009 -
8484180	2010-0228742	12/477,819	US	UTL	Graph-Based Seed Selection Algorithm For Web Crawlers	6/3/2009 7/9/2013
8019746	2010-0223546	12/396,163	US	UTL	Optimized Search Result Columns On Search Results Pages	3/2/2009 9/13/2011
8308966	2011-0296682	13/205,770	US	UTL	Optimized Search Result Columns On Search Results Pages	8/9/2011 11/6/2012
102483641	102483641	201080017605	CN	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010 1/7/2015
-	HK1167480	12107979	HK	UTL	All-In-One Chinese Character Input Method	5/26/2010 -
1470450	201118600	99117920	TW	UTL	All-In-One Chinese Character Input Method and Electronic Device Thereof	6/3/2010 1/21/2015
9104244	2010-0309137	12/479,668	US	UTL	All-In-One Chinese Character Input Method	6/5/2009 8/11/2015
-	WO/2010/141389	PCT/US10/36751	WO	UTL	All-In-One Chinese Character Input Method	5/26/2010 -
-	2010-0260065 A1	12/423,421	US	UTL	Constructing a Data Pipeline Having Scalability and Low Latency	4/14/2009 -
-	2011-0087553	12/579,163	US	UTL	Barate Preview For Video Objects	10/14/2009 -
7984330	2010-0226620	12/395,336	US	UTL	Smart Recovery Of Asynchronous Processing	2/27/2009 7/19/2011
8095560	20100217695	12/393,575	US	UTL	Edge Attribute Aggregation in a Directed Graph	2/26/2009 1/10/2012
8073877	US-2010-0185691-A1	12/356,467	US	UTL	Scalable Semi-Structured Named Entity Detection	1/20/2009 12/6/2011
-	2010-0217668 A1	12/393,942	US	UTL	Optimizing Delivery of Online Advertisements	2/26/2009 -
8359280	2010-0235317	12/403,140	US	UTL	Diversifying Recommendation Results Through Explanation	3/12/2009 1/22/2013
8965869	2010-0293185 A1	12/465,599	US	UTL	Systems and Methods for Generating a Web Page Based on Search Term Popularity Data	5/13/2009 2/24/2015
-	2010-0223119 A1	12/396,301	US	UTL	Advertising Through Product Endorsements in Social Networks	3/2/2009 -
-	20100250332	12/414,166	US	UTL	System and Method for Adaptive Bidding for Display Advertising	3/30/2009 -
8412652	2010-0227301	12/398,126	US	UTL	Apparatus and Methods for Operator Training in Information Extraction	3/4/2009 4/2/2013
-	2010-0257021	12/418,613	US	UTL	Checking Capabilities	4/6/2009 -
8700548	20100235389	12/404,345	US	UTL	Context Based Networking	3/16/2009 4/15/2014
9152702	2011-0252013 A1	12/757,227	US	UTL	System and method for selecting search results facets	4/9/2010 10/6/2015
8041715	2010-0250527	12/410,037	US	UTL	Sponsored Search Results Re-Ranking Based on Linking Associations	3/24/2009 10/18/2011
8429157	2012-0030185	13/253,527	US	UTL	Sponsored Search Results Re-Ranking Based on Linking Associations	10/5/2011 4/23/2013
8392828	2010-0299586	12/454,653	US	UTL	Open Theme Builder and API	5/20/2009 3/5/2013

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-	2010-0191574-A1	12361,698	US	UTL	Maximizing Content and Advertiser Impressions Using a Single Common Identifier	1/29/2009 -
2010221389 -		2010221389 AU	UTL		System and method for contextual advertising based on status messages	3/3/2010 6/25/2013
201080017607	102405451	201080017607	CN	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010 10/22/2014
-	2404269	10749269 EP	UTL		System and Method for Contextual Advertising Based on Status Messages	3/3/2010 -
-	1166405	12106896 HK	UTL		System and Method for Contextual Advertising Based on Status Messages	3/3/2010 -
-	45/2012	6229/CHENP/2011	IN	UTL	System and Method for Contextual Advertising Based on Status Messages	3/3/2010 -
-	2010-0228582 A1	12399,669	US	UTL	System and method for contextual advertising based on status messages	3/6/2009 -
-	2010/102012	PCT/US2010/026063	WO	UTL	System and method for contextual advertising based on status messages	3/3/2010 -
8041733	2010-0094854-A1	12363,074	US	UTL	A System for Automatically Categorizing Queries	2/9/2009 10/18/2011
-					System and Method for Composite Record Keys Ordered in a Flat Key Space for a Distributed Database	
8027961	2010-0223240	12395,597	US	UTL	System and Method for Finding Top N Pairs in a Map-Reduce Setup	2/27/2009 9/27/2011
8788499	2011-0055243	12548,788	US	UTL	Time Differential Based Advertising	8/27/2009 7/22/2014
8386335	2010-0287475	12470,490	US	UTL	Content Summary and Segment Creation	5/22/2009 -
-	2010-0325666 A1	12489,965	US	UTL	Dynamic Access Control Lists	5/6/2009 2/26/2013
8849725	2011-0035345	12538,776	US	UTL	Automatic Classification of Segmented Portions of Web Pages	6/23/2009 -
-	2015-0066934 A1	14480,528	US	UTL	Automatic Classification of Segmented Portions of Web Pages	8/10/2009 9/30/2014
-	2011-0035374 A1	12538,711	US	UTL	Segment Sensitive Query Matching of Documents	9/8/2014 -
-	2010-0332493 A1	12491,778	US	UTL	Semantic Search Extensions For Web Search Engines	8/10/2009 -
-	2010-0250335	12415,879	US	UTL	System and method using text features for click prediction of sponsored search advertisements	6/25/2009 -
-	2011-0093331	12581,638	US	UTL	Term Weighting for Contextual Advertising	3/31/2009 -
8341157	2011-0029541	12533,299	US	UTL	System and Method for Intent-Driven Search Result Presentation	10/19/2009 -
-	2011-0029561 A1	12533,475	US	UTL	Image Similarity from Disparate Sources	7/31/2009 12/25/2012
8024336	2010-0312786	12481,196	US	UTL	System and Method for Development of Search Success Metrics	7/31/2009 -
-	CN102405452A	201080017609.X	CN	UTL	Cold Row Encapsulation For Server Farm Cooling System	6/9/2009 9/20/2011
-	HK1167475	12107639	HK	UTL	Open Search Assist	3/31/2010 -
10-1432394	-	10-2012-7000054	KR	UTL	Open Search Assist	5/18/2010 8/13/2014
1419000	-	99117226	TW	UTL	Open Search Assist	5/28/2010 12/11/2013

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8826691	2010/0312779	12/477,671	US	UTL	Open Search Assist	6/3/2009	9/2/2014
-	2010/141214	PCT/US2010/035268	WO	UTL	Open Search Assist	5/18/2010	-
8607224	2010/0306759	12/473,914	US	UTL	System for Packaging Native Program Extensions Together With Virtual Machine Applications	5/28/2009	12/10/2013
ZL 201080023245.6	102449626	201080023246	CN	UTL	Open Search Assist	5/18/2010	1/13/2016
-	2396625	10741617	EP	UTL	Entity-Based Search Results and Clusters on Maps	2/9/2010	-
-	61/152,663	61/152,663	US	PRV	Entity-Based Search Results and Clusters on Maps	2/7/3/2009	-
-	US 2010/0211566A1	12/489,935	US	UTL	Entity-Based Search Results and Clusters on Maps	6/23/2009	-
-	2010/093618	PCT/US2010/023609	WO	UTL	Entity-Based Search Results and Clusters on Maps	2/9/2010	-
8744978	2011-0022549	12/508,926	US	UTL	Presenting Search Results Based on User-Customizable Criteria	7/21/2009	6/3/2014
-	US 2010/0211909A1	61/152,867	US	PRV	Best Fit Algorithm for Searching on Map	2/7/3/2009	-
8060510	2012-0101907	12/432,172	US	UTL	Best Fit Map Searching	4/29/2009	11/15/2011
-	2012-0101907	12/909,231	US	UTL	Securing Expandable Display Advertisements in a Display Advertising Environment	10/21/2010	-
8180755	-	12/554,401	US	UTL	Matching Reviews with Objects using a Language Model	9/4/2009	5/15/2012
8607338	2011-0035800	12/535,514	US	UTL	Malicious Advertisement Management	8/4/2009	12/10/2013
1424369	-	99121797	TW	UTL	Activity Based User-Interests Modeling for Determining Content Relevance	7/12/2010	1/21/2014
8612435	2011-0016121	12/504,527	US	UTL	Activity Based Users' Interests Modeling for Determining Content Relevance	7/16/2009	12/17/2013
8380570	2011-0099059	12/606,400	US	UTL	Index-Based Technique Friendly CTR Prediction And Advertisement Selection	10/27/2009	2/19/2013
-	2011-0225048 A1	12/720,591	US	UTL	Generating a User Profile Based on Self Disclosed Public Status Information	3/9/2010	-
8793239	2011-0087646	12/576,011	US	UTL	Method and System for Form-Filling Crawl and Associating Rich Keywords	10/8/2009	7/29/2014
8280829	-	12/504,460	US	UTL	Efficient Algorithm For Pairwise Preference Learning	7/16/2009	10/2/2012
8326777	2011-0029461	12/533,632	US	UTL	Supplementing a Trained Model Using Incremental Data in Making Item Recommendations	7/31/2009	12/4/2012
8762318	2013-0024318	13/618,647	US	UTL	Supplementing a Trained Model Using Incremental Data in Making Item Recommendations	9/14/2012	6/24/2014
8914316	US 2011-0029477 A1	12/534,596	US	UTL	Information Similarity and Related Statistical Techniques for Use in Distributed Computing Environments	8/3/2009	12/16/2014
8896027	2011-0083031	12/575,257	US	UTL	System and Method for Slow Ad Detection	10/7/2009	10/7/2014

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-	2011-0035272 A1	12/536,113	US	UTL	Feature-Value Recommendations for Advertisement Campaign Performance Improvement	8/5/2009 -
8204904	2011-0078189	12/570,582	US	UTL	Network Graph Evolution Rule Generation	9/30/2009 6/19/2012
8676840	2012-0246196	13/490,247	US	UTL	Network Graph Evolution Rule Generation	6/6/2012 3/18/2014
-	2014-0115155 A1	14/138,501	US	UTL	Network Graph Evolution Rule Generation	12/23/2013 -
8346686	2011/0029475	12/534,706	US	UTL	Taxonomy-Driven Lumping for Sequence Mining	8/3/2009 1/1/2013
-	2010271314 -	2010271314 AU	AU	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 7/24/2014
-	-	2012309048 AU	AU	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	8/17/2012 -
-	-	2014202854 AU	AU	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 -
-	-	BR112012000508.1	BR	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 -
-	-	BR112014005533.5	BR	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	8/17/2012 -
-	-	2765381 CA	CA	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 -
-	-	2846163 CA	CA	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	8/17/2012 -
ZL 201080023915.4	102449579 A	201080023915	CN	UTL	All-In-One Chinese Character Input Method	5/29/2010 10/21/2015
ZL 201080024642.5	102483731	201080024643	CN	UTL	Media Identification System With Fingerprint Database Balanced According To Search Loads	5/11/2010 11/25/2015
-	-	10797887 EP	EP	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 -
-	-	12831739 EP	EP	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	8/17/2012 -
-	HK1167483	12107981 HK	HK	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 -
-	-	1194132	HK	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	8/17/2012 -
-	-	230915 IL	IL	UTL	Integrated building based air handler for server farm cooling system	8/17/2012 -
-	44/2012	1/CHENP/2012	IN	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 -
-	5826172 2012-533123	2012-519747	JP	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 10/23/2015
-	-	2014-530673	JP	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	8/17/2012 -
-	2015-072698	2014-232828	JP	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 -
10-1417537	-	10-2012-7000454	KR	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 7/1/2014
10-1473626	-	10-2014-7005985	KR	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 12/10/2014

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-	-	P12012000029	MY	UTL	Integrated Building Based Air Handler for Server Farm Cooling System:	7/9/2010 -
-	-	P12014000698	MY	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	8/17/2012 -
597094	597094	597094 NZ	NZ	UTL	Integrated Building Based Air Handler for Server Farm Cooling System:	7/9/2010 10/1/2013
2510523 -	2510523 -	2012104532 RU	RU	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 3/27/2014
-	-	2013156575 RU	RU	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 -
-	-	2014114446 RU	RU	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	8/17/2012 -
177494 -	177494 -	201200035-2	SG	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 6/9/2014
-	-	2014014245 SG	SG	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	8/17/2012 -
-	-	10201401265X	SG	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 -
-	-	99122627 TW	TW	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 -
-	-	101130767 TW	TW	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	8/24/2012 -
-	2011-0009047 A1	12/600,520	US	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2009 -
-	2013-0244563 A1	13/765,185	US	UTL	INTEGRATED BUILDING BASED AIR HANDLER FOR SERVER FARM COOLING SYSTEM	2/12/2013 -
-	2011/006027	PCT/US2010/041469	WO	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 -
-	WO2013/039845	PCT/US2012/051270	WO	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	8/17/2012 -
-	2011-0022465 A1	12/509,209	US	UTL	System and Method for Managing Online Experiences Based on User Sentiment Characteristics and Publisher Targeting Goals	7/24/2009 -
-	2010-0332842	12/494,964	US	UTL	Determining A Mood Of A User Based On Biometric Characteristics Of The User In An Online System	6/30/2009 -
8321673	20100313205	12/481,509	US	UTL	System and Method for Offline Data Generation for Online System Analysis	6/9/2009 11/27/2012
-	2011-0040691 A1	12/540,098	US	UTL	System and Method for Verified Presence Marketplace	8/12/2009 -
-	2011-0035265 A1	12/536,892	US	UTL	Commercial Campaigns	8/6/2009 -
8914342	2011-0040736	12/540,269	US	UTL	Personal Data Platform	8/12/2009 12/16/2014
-	2015-0142881 A1	14/570,846	US	UTL	Personal Data Platform	12/15/2014 -
8533202	2011-0010371	12/499,040	US	UTL	Entropy-based mixing and personalization	7/7/2009 9/10/2013
-	2014-0006422 A1	14/019,931	US	UTL	Entropy-Based Mixing And Personalization	9/6/2013 -

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-	2011-0225036 A1	12/724,415	US	UTL	System and Method for Efficiently Evaluating Complex Boolean Expressions	3/15/2010 -
8442929	2011-0107260	12/613,503	US	UTL	Predicting Item-Item Affinities Based On Item Features By Regression	11/5/2009 5/14/2013
-	2011-0066495 A1	12/557,869	US	UTL	System and Method for Customizing Ads in Web and Mobile Applications	9/11/2009 -
-	2011-0071896 A1	12/565,742	US	UTL	System and Method for Updating Search Advertisements During Search Results Navigation	9/23/2009 -
8499008	2011-0022550	12/509,310	US	UTL	Mixing Knowledge Sources with Auto Learning For Improved Entity Extraction	7/24/2009 7/30/2013
8636584	US 2011-0088009 A1	12/578,480	US	UTL	Tutorial Systems for Code Creation and Provenance Tracking	10/13/2009 1/21/2014
2010315818 -	2010315818 AU	2010315818 AU	AU	UTL	Multimode Online Advertisements And Online Advertisement Exchanges	10/5/2010 11/28/2013
-	CN102473023A	20108031058 CN	CN	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	7/9/2010 -
-	2467816	10828729 EP	EP	UTL	Multimode Online Advertisements And Online Advertisement Exchanges	10/5/2010 -
-	-	12191657 EP	EP	UTL	Multimode Online Advertisements And Online Advertisement Exchanges	10/5/2010 -
-	1172126	12112842 HK	HK	UTL	Multimode Online Advertisements And Online Advertisement Exchanges	10/5/2010 -
-	20/2013	28277CHENP/2012	IN	UTL	Multimode Online Advertisements And Online Advertisement Exchanges	10/5/2010 -
1478085	201124930	99134903 TW	TW	UTL	Multimode Online Advertisements And Online Advertisement Exchanges	10/13/2010 3/21/2015
-	2011-0106615 A1	12/611,250	US	UTL	Multimode Online Advertisements And Online Advertisement Exchanges	11/3/2009 -
-	2011/056338	PCT/US10/51462	WO	UTL	Multimode Online Advertisements And Online Advertisement Exchanges	10/5/2010 -
ZL 201080034724.8	102474715A	201080034725	CN	UTL	System and Method for Pre-Caching Information on A Mobile Device	7/29/2010 12/31/2014
-	2460131	10814142	EP	UTL	Synchronization Of Advertisement Display Updates With User Revistation Rates	8/9/2010 -
-	1167499	12107985	HK	UTL	Synchronization Of Advertisement Display Updates With User Revistation Rates	8/9/2010 -
-	20/2013	2829/CHENP/2012	IN	UTL	Synchronization Of Advertisement Display Updates With User Revistation Rates	8/9/2010 -
8775945	2011-0061001	12/554,605	US	UTL	Synchronization Of Advertisement Display Updates With User Revistation Rates	9/4/2009 7/6/2014
-	2011/028367	PCT/US10/44894	WO	UTL	Synchronization Of Advertisement Display Updates With User Revistation Rates	8/9/2010 -
8370286	2011-0036350	12/537,157	US	UTL	System for Personalized Term Expansion and Recommendation	8/6/2009 2/5/2013

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8355642	2011-0040949	12/542,144	US	UTL	Push Pull Caching For Social Network Information	8/17/2009	2/15/2014
9137329	2014-0136595 A1	14/157,867	US	UTL	Push Pull Caching for Social Network Information	1/17/2014	9/15/2015
8055615	2011-0056156	12/547,409	US	UTL	Method for Efficient Storage Node Replacement	8/25/2009	11/6/2011
8365064	20110047447A1	12/543,755	US	UTL	Hyperlinking Web Content	8/19/2009	1/29/2013
-	-	60/178,196	US	PRV	Distributed active knowledge and process base allowing system elements to be shared within a collaborative framework	1/26/2000	-
7032006	-	09/770,729	US	UTL	Distributed active knowledge and process base allowing system elements to be shared within a collaborative framework	1/26/2001	4/18/2006
8332334	2011-0071965	12/566,270	US	UTL	System and Method for Cross Domain Learning for Data Augmentation	9/24/2009	12/11/2012
-	2011-0078027	12/570,883	US	UTL	Method and System for Comparing Online Advertising Products	9/30/2009	-
-	2014-0012660 A1	13/973,665	US	UTL	Method and System for Comparing Online Advertising Products	8/22/2013	-
ZL 201080038391.6	CN 102483830A	201080038392	CN	UTL	Synchronization Of Advertisement Display Updates With User Revision Rates	8/9/2010	8/19/2015
-	1172186	12112849	HK	UTL	Acquisition Of Out-Of-Vocabulary Translations By Dynamically Learning Extraction Rules	9/25/2009	-
8670974	2011-0178792	12/922,154	US	UTL	Acquisition Of Out-Of-Vocabulary Translations by Dynamically Learning Extraction Rules	9/10/2010	3/11/2014
-	-	PCT/CN09/01078	WO	UTL	Acquisition of Out-Of-Vocabulary Translations by Dynamically Learning Extraction Rules from the Web	9/25/2009	-
-	2011-0225037	12/720,528	US	UTL	Advertising Exchange System Valuation of Information Services	3/9/2010	-
8712843	2012-0059710	12/877,426	US	UTL	Scoring Users of Network Based Services	9/8/2010	4/29/2014
-	2014-0222556 A1	14/245,488	US	UTL	Scoring Users of Network Based Services	4/4/2014	-
-	2011-0119128 A1	12/619,510	US	UTL	Advertising Exchange System to Share Online Audiences	11/18/2009	-
-	CN 102483834A	201080039309	CN	UTL	Monetization Of Interactive Networked-Based Information Objects	8/12/2010	-
-	2465275	10808518	EP	UTL	System and Method for Pre-Caching Information on A Mobile Device	7/29/2010	-
-	1172477	12113094	HK	UTL	System and Method for Precaching Information on a Mobile Device	7/29/2010	-
-	44/2012	1069/CHENP/2012	IN	UTL	System and Method for Precaching Information on A Mobile Device	7/29/2010	-
10-1320179	-	10-2012-7006133	KR	UTL	System and Method for PreCaching Information on A Mobile Device	7/29/2010	10/14/2013
1430173	-	99126059	TW	UTL	System and Method for Pre-Caching Information on A Mobile Device	8/5/2010	3/11/2014
-	201415366	102148384	TW	UTL	System and Method for Pre-Caching Information on A Mobile Device	8/5/2010	-

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8364611	2011-0040718	12/540,588	US	UTL	System and Method for Pre-Caching Information on A Mobile Device	8/13/2009	1/29/2013
-	2013-0124442 A1	13/735,619	US	UTL	System and Method for Pre-Caching Information on a Mobile Device	1/7/2013	-
-	2011/019517	PCT/US2010/043780	WO	UTL	System and Method for Pre-Caching Information on A Mobile Device	7/29/2010	-
-	2011-0087673 A1	12/577,045	US	UTL	Methods and Systems Relating to Ranking Functions for Multiple Domains	10/9/2009	-
8079842	-	12/509,329	US	UTL	Concurrent Traversal of Multiple Binary Trees	7/24/2009	12/13/2011
8836576	2011-0087684	12/577,534	US	UTL	Posting List Intersection Parallelism in Query Processing	10/12/2009	9/16/2014
2010232908	2010232908	2010232908 AU	AU	UTL	Monetization Of Interactive Network-Based Information Objects	8/12/2010	7/3/2014
ZL 201030042031.3	102549572A	201030042031	CN	UTL	Systems and methods for providing advanced search result page content	9/16/2010	11/25/2015
-	-	16152042 EP	EP	UTL	Monetization Of Interactive Networked-Based Information Objects	8/12/2010	-
-	1167498	12107983 HK	HK	UTL	Monetization Of Interactive Network-Based Information Objects	8/12/2010	-
-	20/2013	2828/CHENP/2012	IN	UTL	Monetization Of Interactive Network-Based Information Objects	8/12/2010	-
10-1405522	-	10-2012-7006844	KR	UTL	MONETIZATION OF INTERACTIVE NETWORKED-BASED INFORMATION OBJECTS	8/12/2010	6/2/2014
-	201117125	99128645 TW	TW	UTL	Monetization of interactive network-based information objects	9/2/2010	-
-	2011-0060667 A1	12/556,911	US	UTL	Monetization Of Interactive Network-Based Information Objects	9/10/2009	-
-	WO 2011/031408	PCT/US10/45319	WO	UTL	Monetization Of Interactive Network-Based Information Objects	8/12/2010	-
9135643	2011-0191185	12/698,150	US	UTL	System And Method For Targeting Users For Content Delivery	2/3/2010	9/15/2015
-	2015-0339720 A1	14/816,296	US	UTL	System And Method For Targeting Users For Content Delivery	8/3/2015	-
-	2011-0154341 A1	12/642,849	US	UTL	System and Method for a Task Management Library to Execute Map-Reduce Applications in a Map-Reduce Framework	12/20/2009	-
-	2011-0112900	12/615,686	US	UTL	Mid-Fight Online Advertisement Campaign Optimizer	11/10/2009	-
9141966	2011-01535242	12/646,574	US	UTL	Option Aggregation System	12/23/2009	9/22/2015
-	2011-0093789 A1	12/580,917	US	UTL	Method and System for Completing An Edit Area Of A Web Page	10/16/2009	-
8972436	2011/0099192	12/607,938	US	UTL	Translation Model and Method for Matching Reviews to Objects	10/26/2009	3/3/2015
8112436	20110072021	12/563,357	US	UTL	Semantic and Text Matching Techniques for Network Search	9/21/2009	2/7/2012

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82393199	2011-0173217	12/688,186	US	UTL	Locality-Sensitive Search Suggestions	1/12/2010 -	8/7/2012
8392843	2011-0093270	12/580,255	US	UTL	Replacing An Audio Portion	10/16/2009	
8174974	2012-0023049	12/840,598	US	UTL	Estimating Probabilities of Events in Sponsored Search Using Adaptive Models	7/21/2010	3/5/2013
9098856	2011-0110231	12/617,442	US	UTL	Voluntary Admission Control For Traffic Yield Management	11/12/2009	5/8/2012
8271408	2011-0041076	12/542,180	US	UTL	Platform For Delivery Of Heavy Content To A User	8/17/2009	8/4/2015
8706661	2011-0099131	12/603,763	US	UTL	Pairwise Ranking-Based Classifier	10/22/2009	9/16/2012
-	US 2011-0113000 A1	12/616,021	US	UTL	System And Method For Generating An Image Sprite	11/10/2009	4/22/2014
-	2011-0264651	12/764,694	US	UTL	Large Scale Entity-Specific Resource Classification	4/21/2010 -	
8621376	2011/0099502	12/607,926	US	UTL	Developer Interface and Associated Methods for System for Querying and Consuming Web-Based Data	10/28/2009	12/31/2013
-	2011/0099185	12/607,804	US	UTL	System for Querying and Consuming Web-Based Data and Associated Methods	10/28/2009 -	
8521754	2011/0099159	12/696,012	US	UTL	System and Method for Web Data Transformation Sourcing	1/28/2010	8/27/2013
8396874	2011-0202537	12/707,109	US	UTL	System and Method for Using Topic Messages to Understand Media Relating to an Event	2/17/2010	3/12/2013
9137574	2012-0030711	12/845,684	US	UTL	Method or System to Predict Media Content Preferences	7/28/2010	3/15/2015
9043320	2011-0208707	12/710,008	US	UTL	Enhanced First-In-Page Functions in a Web Browser	2/22/2010	5/26/2015
9129263	2011-0131282	12/628,902	US	UTL	System and Method for Automatically Building Up Topic-Specific Messaging Identities	12/1/2009	9/8/2015
-	2011-0191167 A1	12/700,530	US	UTL	System and Method for Exploring New Sponsored Search Listings of Uncertain Quality	2/4/2010 -	
-	2011-0173180 A1	12/687,596	US	UTL	Search Engine Recency Using Content Preview System and Method for Finding Unexpected, but Relevant Content in an Information Retrieval System	1/14/2010 -	
8204878	2011-0179019	12/688,364	US	UTL	Contract Auctions for Sponsored Search	1/15/2010	6/19/2012
-	2011-0168942 A1	12/683,247	US	UTL	System and Method for Automatic Matching of Contracts Using a Fixed-Length Predicate Representation	1/6/2010 -	
8229833	20110213767	12/714,142	US	UTL	Methods and Apparatuses for Clustering Electronic Documents Based on Structural Features and Static Content Features	2/26/2010	7/24/2012
8832102	20110173197	12/685,945	US	UTL	Apparatus And Methods For Classifying Senders Of Unsolicited Bulk Emails	1/12/2010	9/9/2014
-	2011-0173142 A1	12/686,240	US	UTL	Methods, Systems, and/or Apparatuses for Use in Searching for Information Using Computer Platforms	1/12/2010 -	
8560536	20110225145	12/722,232	US	UTL		3/11/2010	10/15/2013

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-	20110213659	12/714,046	US	UTL	System and Method for Automatic Matching of Contracts in an Inverted Index to Impression Opportunities Using Complex Predicates and Confidence Threshold Values	2/26/2010 -
8886641	20110093459	12/579,855	US	UTL	Incorporating Recency in Network Search Using Machine Learning	10/15/2009 11/11/2014
-	2011-0166927	12/683,658	US	UTL	Dynamic Pricing Model for Online Advertising	1/7/2010 -
8693034	2011-0185311	12/695,098	US	UTL	Motion Enabled Multi-Frame Challenge-Response Test	1/27/2010 11/19/2014
-	2011-0178871 A1	12/690,309	US	UTL	Image Content Based Advertisement System	1/20/2010 -
8423558	2011-0196871	12/701,049	US	UTL	Targeting Online Ads by Grouping and Mapping User Properties	2/5/2010 4/16/2013
8406671	2011-0188770 A1	12/700,306	US	UTL	AUTOMATIC SUPER-RESOLUTION	2/4/2010 3/26/2013
8768926	2011-0167063	12/652,624	US	UTL	TRANSFORMATION FOR IMAGES	1/5/2010 7/1/2014
8589231	2011-0194817	12/696,008	US	UTL	Techniques for Categorizing Web Pages	1/28/2010 11/19/2013
2010843183	-	2010843183	AU	UTL	Sensitivity Categorization of Web Pages	12/17/2010 6/14/2014
21201080042083.0	102549573 A	201080042083	CN	UTL	Search suggestion clustering and presentation	9/17/2010 7/9/2014
-	2519896	10844212	EP	UTL	search result page content	12/17/2010 -
-	1175271	13102249	HK	UTL	Search suggestion clustering and presentation	12/17/2010 -
10-1443475	-	66377CHENP/2012	IN	UTL	Search suggestion clustering and presentation	12/17/2010 -
1482037	201135492	10-2012-7019861	KR	UTL	Search suggestion clustering and presentation	12/17/2010 9/16/2014
8631004	US 2011-0161311 A1	99146451	TW	UTL	Search suggestion clustering and presentation	12/23/2010 4/21/2015
-	2011-090638	12/648,220	US	UTL	Search suggestion clustering and presentation	12/28/2009 1/14/2014
-	201227574	PCT/US2010/061120	WO	UTL	Search suggestion clustering and presentation	12/17/2010 -
-	2012-0150759	12/964,707	US	UTL	Method and System for Non-Gaming On-Line Achievement Awards	11/3/2011 -
-	2012/078806	PCT/US2011/63818	WO	UTL	Non-Gaming On-Line Achievement Awards	12/9/2010 -
8689136	2011-0191714	12/699,201	US	UTL	Non-Gaming On-Line Achievement Awards	12/7/2011 -
-	2011-0258054 A1	12/693,371	US	UTL	System and Method for Backend Advertisement Conversion	2/3/2010 4/1/2014
8489674	20110225229	12/722,411	US	UTL	Automatic generation of bid phrases for online advertising	1/25/2010 -
9027100	2011-0187486	12/652,578	US	UTL	Distributed Publish/Subscribe System	3/11/2010 7/16/2013
8214355	2011-0196866	12/702,954	US	UTL	Client Side Ad Caching for Lower Ad Serving Latency	1/5/2010 5/5/2015
-	2011-0218971	12/719,510	US	UTL	Small Table: Multitenancy for lots of small tables on a cloud database	2/9/2010 7/3/2012
8276022	2011-0271145-A1	12/771,906	US	UTL	System, Method And Computer Program Product For Managing Caches	3/8/2010 -
-	2011-0196738 A1	12/702,690	US	UTL	Efficient Failure Detection For Long Running Data Transfer Jobs	4/30/2010 9/25/2012
-	-	-	-	-	KEYWORD BID OPTIMIZATION UNDER COST PER CLICK CONSTRAINTS	2/9/2010 -

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9059202	2011-0377935 A1	12567,714	US	UTL	Apparatus and Methods for User Generated Translation	9/26/2009	6/9/2015
-	2011-0186733	12/701,031	US	UTL	Optimizing Advertisement Selection in Contextual Advertising Systems	2/5/2010 -	
-	2012-0124030	12/945,653	US	UTL	Methods and Systems for Pathing Analysis	11/12/2010 -	
8521507	2012-0197627	12/864,208	US	UTL	Bootstrapping Text Classifiers By Language Adaptation	7/22/2010	8/27/2013
-	-	PCT/CN2010/00225	WO	UTL	Bootstrapping Text Classifiers by Language Adaptation	2/22/2010 -	
2011242677	-	2011242677	AU	UTL	Selectively Adding Social Dimension To Web Searches	4/20/2011	7/16/2014
-	102598039 A	201080048643 CN	CN	UTL	Multimode Online Advertisements And Online Advertisement Exchanges	10/5/2010 -	
ZL 201080059977.0	102687138	201080059977	CN	UTL	Search suggestion clustering and presentation	12/17/2010	9/16/2015
-	-	11772670	EP	UTL	Selectively Adding Social Dimension To Web Searches	4/20/2011 -	
-	HK1179710	13106684	HK	UTL	Selectively Adding Social Dimension To Web Searches	4/20/2011 -	
-	-	9727/CHENP/2012	IN	UTL	Selectively Adding Social Dimension To Web Searches	4/20/2011 -	
10-1473076	-	10-2012-7030481	KR	UTL	Selectively Adding Social Dimension To Web Searches	4/20/2011	12/9/2014
-	201202952	100112756	TW	UTL	NETWORK DEVICE, SYSTEM AND METHOD FOR SELECTIVELY ADDING SOCIAL DIMENSION TO WEB SEARCHES	4/13/2011 -	
8880520	2011-0264648	12/764,818	US	UTL	Selectively Adding Social Dimension To Web Searches	4/21/2010	11/4/2014
-	2011/133716	PCT/US11/33318	WO	UTL	Selectively Adding Social Dimension To Web Searches	4/20/2011 -	
8429170	2011-0196874	12/701,185	US	UTL	System and method for discovering story trends in real time from user generated content	2/5/2010	4/23/2013
9235635	2013-0228560 A1	13/856,398	US	UTL	System and Method for Discovering Story Trends in Real Time from User Generated Content	4/3/2013	1/12/2016
8886623	US 2011-0252045 A1	12/755,652	US	UTL	Large Scale Concept Discovery for Webpage Augmentation Using Search Engine Indexers	4/7/2010	11/11/2014
-	2011-0231387 A1	12/729,028	US	UTL	Engaging Content Provisions	3/22/2010 -	
8538642	2011-0196715	12/703,124	US	UTL	System and Method for Financial Analysis and Brand Index in Brand Valuation	2/9/2010	9/17/2013
-	2011-0252041 A1	12/755,884	US	UTL	Method and System for Determining Relevant Text in a Web Page	4/7/2010 -	
-	CN102792244	201080063899 CN	CN	UTL	Preview Functionality for Increased Browsing Speed	12/6/2010 -	
-	HK1177845	13105521	HK	UTL	Method and System for Action Suggestion Using Browser History	4/4/2011 -	

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8863000	US 2011-0252342 A1	12/755,789	US	UTL	Method and System for Action Suggestion Using Browser History	4/7/2010	10/14/2014
-	2011/126977	PCT/AUS2011/031087	WO	UTL	Method and System for Action Suggestion Using Browser History	4/4/2011	-
9135354	2011-0252329 A1	12/755,757	US	UTL	Method and System for Topical Browser History Composition Model for Cloud-Hosted Serving Applications	4/7/2010	9/15/2015
9229980	2011-0209007 A1	12/711,146	US	UTL	Self-Targeting Local Ad System	2/23/2010	1/5/2016
9015595	2011-0179359	12/690,706	US	UTL	Method and System for Performing Bi-Directional Search	1/20/2010	4/21/2015
-	2011-0252349 A1	12/755,938	US	UTL	Systems and methods for providing advanced search result page content	4/7/2010	-
2010295607	2010295607	2010295607	AU	UTL	Media Event Structure and Context Identification Using Short Messages	9/16/2010	8/21/2014
ZL 201110043644.5	102164355A	201110043645	CN	UTL	Systems and methods for providing advanced search result page content	2/22/2010	9/9/2015
-	EP2467794	10817816	EP	UTL	Systems and methods for providing advanced search result page content	9/16/2010	-
-	HK1172116	12112946	HK	UTL	Systems and methods for providing advanced search result page content	9/16/2010	-
-	20/2013	2916/CHENP/2012	IN	UTL	Systems and methods for providing advanced search result page content	9/16/2010	-
10-1375940	20120092598	10-2012-7010145	KR	UTL	Systems and methods for providing advanced search result page content	9/16/2010	3/12/2014
-	20130094864	10-2013-7020685	KR	UTL	Systems and methods for providing advanced search result page content	9/16/2010	-
1454944	201120665	99131297	TW	UTL	Systems and methods for providing advanced search result page content	9/15/2010	10/1/2014
8386455	2011-0072001	12/563,152	US	UTL	Systems and methods for providing advanced search result page content	9/20/2009	2/26/2013
-	2011/035007	PCT/US10/49095	WO	UTL	Systems as Methods for Providing Advanced Search Result Page Content	9/16/2010	-
2010295510	2010295510	2010295510	AU	UTL	Mechanism for Supporting User Content Feeds	9/17/2010	12/4/2014
ZL 201180011238.9	102782681 A	201180011239	CN	UTL	Systems and methods for providing advanced search result page content	2/28/2011	5/20/2015
-	2467795	10817877	EP	UTL	Systems and methods for providing advanced search result page content	9/17/2010	-
1172117	1172117	12112848	HK	UTL	Systems and methods for providing advanced search result page content	9/17/2010	2/27/2015
-	21/2013	2915/CHENP/2012	IN	UTL	Systems and methods for providing advanced search result page content	9/17/2010	-
10-1361892	20120089859	10-2012-7010135	KR	UTL	Systems and methods for providing advanced search result page content	9/17/2010	2/5/2014
-	201118620	99131565	TW	UTL	Systems and methods for providing advanced search result page content	9/17/2010	-
8386454	2011-0072000	12/563,151	US	UTL	Systems and methods for providing advanced search result page content	9/20/2009	2/26/2013

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-	2011-035095	PCT/US10/49232	WO	UTL	Systems and methods for providing advanced search result page content	9/17/2010 -
1432982	2011-18621	99131566	TW	UTL	Systems, methods and computer readable media comprising program for providing Advanced Search Result Page Content	9/17/2010 4/1/2014
8452762	2011-0072046	12563,150	US	UTL	Systems and methods for providing advanced search result page content	9/20/2009 5/28/2013
8214348	2011-0208708	12/712,800	US	UTL	Finding keyword relationship using wisdoms from multiple Systems and Methods for Finding Keyword Relationships Using Wisdoms from Multiple Sources	2/25/2010 7/3/2012
-	2011-0252060 A1	12/755,913	US	UTL	Method and System for Topic Based Browsing Enhancing Search Result Pages Using Content Licensed From Content Providers	4/7/2010 -
-	2011-0178868	12/691,840	US	UTL	System And Method For Rewarding A User For Sharing Actively Information With A Third Party System And Method For Presenting Geolocated Relevance-Based Content	1/21/2010 -
8612891	2011-0202881	12/706,641	US	UTL	System And Method For Presenting Geolocated Relevance-Based Content	2/16/2010 12/17/2013
8417683	2011-0202514	12/706,410	US	UTL	System And Method For Presenting Geolocated Relevance-Based Content	2/16/2010 4/9/2013
-	2013-0204866 A1	13/789,060	US	UTL	Relevance-Based Content	3/7/2013 -
-	2011-0202513 A1	12/706,349	US	UTL	System And Method For Determining An Authority Rank For Real Time Searching	2/16/2010 -
-	2011-0218037 A1	12/719,069	US	UTL	System and method for improving personalized search results through game interaction data	3/8/2010 -
8832101	2011-0202522	12/708,499	US	UTL	Automated User Behavior Feedback System For Whole Page Search Success Optimization	2/18/2010 9/9/2014
ZL 201180013115.9	102792299 A	201180013116	CN	UTL	User Specific Feed Recommendations	2/22/2011 12/9/2015
-	-	201180017232	CN	UTL	Method and System for Action Suggestion Using Browser History	4/4/2011 -
-	1180718	12101014	HK	UTL	Media Event Structure and Context Identification Using Short Messages	2/22/2010 -
10-1268693	-	10-2011-15735	KR	UTL	Media Event Structure and Context Identification Using Short Messages	2/22/2011 5/22/2013
1456410	201239648	100110272	TW	UTL	METHOD, SYSTEM AND COMPUTER-READABLE STORAGE MEDIUM FOR MEDIA EVENT STRUCTURE AND CONTEXT IDENTIFICATION USING SHORT MESSAGES	3/25/2011 10/11/2014
9084095	2011-0207482	12/710,126	US	UTL	Media Event Structure and Context Identification Using Short Messages	2/22/2010 7/14/2015
-	2015-0339289 A1	14/725,574	US	UTL	Media Event Structure and Context Identification Using Short Messages	5/29/2015 -
8275656	2011-0225042	12/722,524	US	UTL	Maximum Likelihood Estimation Under A Covariance Constraint For Predictive Modeling Systems and Methods For Personalized Search Sourcing	3/11/2010 9/25/2012
8645358	2011-0072010	12/768,860	US	UTL	Smart Widgets	4/28/2010 2/4/2014
9009152	2011-0191316 A1	12/700,572	US	UTL		2/4/2010 4/14/2015

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-	2011-0264525	12/767,331	US	UTL	SEARCHING A USER'S ONLINE WORLD	4/26/2010 -
-	-	PCT/US11/33081	WO	UTL	SEARCHING A USER'S ONLINE WORLD	4/19/2011 -
-	-	-	-	-	Method, system and computer readable medium for placeholder bids in online advertising	-
1444917	201142733	99146532	TW	UTL	for placeholder bids in online advertising	12/29/2010 7/11/2014
-	2011-0191191	12/697,773	US	UTL	PLACEHOLDER BIDS IN ONLINE ADVERTISING	2/1/2010 -
-	2011/094058	PCT/US2011/20867	WO	UTL	PLACEHOLDER BIDS IN ONLINE ADVERTISING	1/11/2011 -
8396604	2011-0187717	12/697,166	US	UTL	Producing Optimization Graphs in Online Advertising Systems	1/29/2010 11/25/2014
-	2011-0208597	12/711,565	US	UTL	Networked Based Modularized Advertisements	2/24/2010 -
8528054	2012-0054834	12/873,140	US	UTL	Multi-step Challenge-Response Test	8/31/2010 9/3/2013
-	-	-	-	-	Impression-Trend Techniques For Providing A Display Advertising Supply Forecast	-
8554621	2011-0231248	12/726,149	US	UTL	Impression-Trend Techniques for Providing a Display Advertising Supply Forecast	3/17/2010 10/6/2013
-	2014-0019232 A1	14/031,943	US	UTL	System and method for determining authority ranking for contemporaneous content	9/19/2013 -
8666390	2011-0225140	12/724,087	US	UTL	Intelligent Feature Expansion Of Online Text Ads	3/15/2010 3/4/2014
8798342	2012-0316972	12/935,283	US	UTL	WATCHING A USER'S ONLINE WORLD	9/28/2010 7/22/2014
-	2011-0264531	12/767,246	US	UTL	Customer State Based Targeting	4/26/2010 -
-	2011-0231243	12/726,518	US	UTL	TOP CUSTOMER TARGETING	3/18/2010 -
-	2011-0231244	12/726,556	US	UTL	Pricing Guaranteed Delivery Contracts in Online Display	4/13/2010 -
-	2011-0251964 A1	12/759,434	US	UTL	Ranking Specialization for a Search Emotional Web	7/6/2010 -
-	2012-0011112	12/831,014	US	UTL	OFFLINE METRICS IN ADVERTISEMENT	3/12/2010 11/16/2014
8886497	2011-0223571	12/723,400	US	UTL	CAMPAIGN TUNING	3/18/2010 -
-	2011-0231245	12/726,610	US	UTL	Online and offline advertising campaign optimization	3/10/2011 10/11/2014
1456521	201203156	100108037	TW	UTL	ONLINE AND OFFLINE ADVERTISING	3/18/2010 -
-	2011-0231246	12/726,683	US	UTL	CAMPAIGN OPTIMIZATION	2/16/2011 -
-	2011/115720	PCT/US11/25088	WO	UTL	Ranking Of Search Results Based On Microblog Data	3/30/2010 6/10/2014
8751511	2011-0248457	12/749,972	US	UTL	Web search results with live data	9/16/2011 -
-	2013-0073582 A1	13/234,333	US	UTL	Probabilistic Linking Approach for Serving Impressions in Guaranteed Delivery Advertising	4/30/2010 -
-	2011-0270676 A1	12/771,196	US	UTL	Mass-Based Approach for Serving Impressions in Guaranteed Delivery Advertising	3/31/2010 -
-	2011-0246307	12/751,693	US	UTL	Media or Content Tagging Determined by User Credibility Signals	10/5/2010 -
-	2012-0084302	12/898,654	US	UTL	Measuring or Estimating User Credibility	10/5/2010 -
-	2012-0084226	12/898,644	US	UTL	Rule Based, Proactive Web Browsing	7/9/2010 6/3/2014
8744990	2012-0011095	12/633,303	US	UTL	Contextual Indexing of Search Results	8/6/2010 -
-	2012-0036122	12/852,415	US	UTL	-	-

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2011221590	-	2011221590	AU	UTL	Mechanism for Supporting User Content Feeds Selectively Adding A Social Dimension To Web Searches	2/28/2011	5/24/2014
ZL 201180019203 X	1890663A	201180019203 X	CN	UTL		4/20/2011	11/25/2015
2542979	-	11751017	DE	UTL	Mechanism for Supporting User Content Feeds	2/28/2011	1/14/2015
2542979	2542979	11751017	EP	UTL	Mechanism for Supporting User Content Feeds	2/28/2011	1/14/2015
2542979	-	11751017	FR	UTL	Mechanism for Supporting User Content Feeds	2/28/2011	1/14/2015
2542979	-	11751017	GB	UTL	Mechanism for Supporting User Content Feeds	2/28/2011	1/14/2015
-	HK1178273	13105038	HK	UTL	Mechanism for Supporting User Content Feeds	2/28/2011	-
-	-	7456/CHENP/2012	IN	UTL	Mechanism for Supporting User Content Feeds	8/29/2012	-
10-1434075	-	10-2012-7022969	KR	UTL	Mechanism for Supporting User Content Feeds	2/28/2011	8/19/2014
1467505	201203153	100105201	TW	UTL	Mechanism for supporting user content feeds	2/17/2011	1/1/2015
8156240	20110213894	12714,876	US	UTL	Mechanism for Supporting User Content Feeds	3/1/2010	4/10/2012
8554944	2012-0179782	13423,067	US	UTL	Mechanism for Supporting User Content Feeds	3/16/2012	10/8/2013
-	WO2011/109082	PCT/US2011/000383	WO	UTL	Mechanism for Supporting User Content Feeds	2/28/2011	-
-	2011-0258034 A1	12761,216	US	UTL	Hierarchically-Structured Indexing And Retrieval Encoding and Accessing Position Data	4/15/2010	-
-	-	13173,532	US	UTL	Modeling And Scheduling Asynchronous Incremental Workflows	6/30/2011	-
8948634	2011-0252427	12755,621	US	UTL	SEARCH ENGINE OUTPUT-ASSOCIATED BIDDING IN ONLINE ADVERTISING	4/7/2010	2/3/2015
-	-	100101909 TW	TW	UTL	SEARCH ENGINE OUTPUT-ASSOCIATED BIDDING IN ONLINE ADVERTISING	1/19/2011	-
-	2011-0191171	12699,226	US	UTL	SEARCH ENGINE OUTPUT-ASSOCIATED BIDDING IN ONLINE ADVERTISING	2/3/2010	-
-	2011/097052	PCT/US2011/20678	WO	UTL	SEARCH ENGINE OUTPUT-ASSOCIATED BIDDING IN ONLINE ADVERTISING	1/11/2011	-
-	2011-0238493	12749,151	US	UTL	Efficient Ad Selection in Ad Exchange with Intermediaries	3/29/2010	-
8229786	2011-0246286	12755,226	US	UTL	Click Probability with Missing Features in Sponsored Search	4/6/2010	7/24/2012
8903736	2011-0246295	12754,422	US	UTL	Fast Networked Based Advertisement Selection	4/5/2010	12/2/2014
8255390	20110231390	12725,310	US	UTL	Session Based Click Features for Recency Ranking	3/16/2010	8/28/2012
8326815	20110231380	12725,357	US	UTL	Session Based Click Features for Recency Ranking	3/16/2010	12/4/2012
8620930	2011-0225173	12721,577	US	UTL	METHOD AND SYSTEM FOR DETERMINING SIMILARITY SCORE	3/11/2010	12/31/2013
8678359	2012-0161340 A1	12977,821	US	UTL	System And Method For Reducing Mineral Buildup On Drift Eliminators Of A Cooling Tower	12/23/2010	3/25/2014
9039809	2014-0151906 A1	14174,915	US	UTL	System And Method For Reducing Mineral Buildup On Drift Eliminators Of A Cooling Tower	2/7/2014	5/26/2015
9038992	2014-0151909 A1	14176,112	US	UTL	On Drift Eliminators Of A Cooling Tower	2/9/2014	5/26/2015
-	2011-0251878 A1	12759,170	US	UTL	System for Processing Large Amounts of Data Bid Generation for Sponsored Search	4/13/2010	-
-	2012-0166291 A1	12977,313	US	UTL	Using External Sources for Sponsored Search Ad Selection	12/23/2010	-
9129300	2011-0264640	12764,469	US	UTL	Search Results Summarized with Tokens	4/21/2010	9/8/2015
-	2011-0289080	12782,999	US	UTL		5/19/2010	-

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8533043	2011-0270672	12/769,446	US	UTL	Ad Relevance In Sponsored Search	4/28/2010 -
	2011-0246285	12/751,937	US	UTL	Clickable Terms for Contextual Advertising	3/31/2010 9/10/2013
8836599	2011-0262874	12/780,860	US	UTL	Efficient Lexical Trending Topic Detection Over Streams Of Data Using A Modified Sequential Algorithm	5/14/2010 9/16/2014
9146123	2011-0288764 A1	12/782,714	US	UTL	Method and System for Providing Driving Directions	5/19/2010 9/29/2015
-	-	PCT/US11/34409	WO	UTL	METHOD AND SYSTEM FOR PROVIDING DRIVING DIRECTIONS	4/29/2011 -
-	102670133A	201180021574 CN	CN	UTL	BID LANDSCAPE TOOL	4/29/2011 -
-	2577522	11/790166	EP	UTL	Research Mission Identification	5/11/2011 -
-	HK1180780	13187799	HK	UTL	Research Mission Identification	5/11/2011 -
-	-	5426/CHE/2012	IN	UTL	Research Mission Identification	5/11/2011 -
10-1452082	20130029787	10-2012-7033741	KR	UTL	Research Mission Identification	5/11/2011 10/10/2014
8768861	2011-0295776	12/790,895	US	UTL	Research Mission Identification	5/31/2010 7/1/2014
-	2011/152971	PCT/US11/36065	WO	UTL	Triggering system for research missions detection	5/11/2011 -
-	2011-0264516	12/767,952	US	UTL	Limiting Latency Due to Excessive Demand In Ad Exchange	4/27/2010 -
-	2011-0252331	12/757,059	US	UTL	METHOD AND SYSTEM FOR SOCIALIZING EVENTS	4/9/2010 -
-	2011-0282732	12/778,400	US	UTL	UNDERSTANDING AUDIENCE INTERESTS	5/12/2010 -
-	201229941	100128320	TW	UTL	Contextual Advertising With User Features	8/9/2011 -
9031863	2012-0047020 A1	12/806,802	US	UTL	Contextual Advertising With User Features	8/19/2010 5/12/2015
9087332	2012-0054040	12/871,775	US	UTL	Adaptive Targeting for Finding Look-Alike Users	8/31/2010 7/21/2015
-	2014-0379746 A1	14/479,501	US	UTL	System and method for providing topic cluster based updates	9/8/2014 -
-	-	112012025535 BR	BR	UTL	BID LANDSCAPE TOOL	4/29/2011 -
-	-	201180026762	CN	UTL	Research Mission Identification	5/11/2011 -
-	HK1179728	13186682 HK	HK	UTL	BID LANDSCAPE TOOL	4/29/2011 -
-	-	10-2015-7000006	KR	UTL	Online Bid Landscape Tool	4/29/2011 -
-	201203159	100115723 TW	TW	UTL	METHOD, SYSTEM AND COMPUTER READABLE STORAGE MEDIUM FOR BID LANDSCAPE	5/5/2011 -
-	2011-0276389	12/774,357	US	UTL	BID LANDSCAPE TOOL	5/5/2010 -
-	-	PCT/US11/34652	WO	UTL	BID LANDSCAPE TOOL	4/29/2011 -
8751632	2011/0270965	12/770,665	US	UTL	Methods for Web Site Analysis	4/29/2010 6/10/2014
8909637	20110252064	12/759,453	US	UTL	Incorporating Geographical Locations in a Search Process	4/13/2010 12/2/2014
-	2012-0005686 A1	12/829,265	US	UTL	Annotating HTML Segments with Functional Labels	7/1/2010 -
-	2011-0264511	12/764,732	US	UTL	ONLINE SERVING THRESHOLD AND DELIVERY POLICY ADJUSTMENT	4/21/2010 -
-	2011-0264513 A1	12/766,279	US	UTL	Finding Predictive Cross-Category Search Queries for Behavioral Targeting	4/29/2010 -

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8407238	2011/0099194	12/770,651	US	UTL	System and Methods for Enabling Arbitrary Developer Code Consumption of Web-Based Data	4/29/2010	3/26/2013
-	2013-0151507 A1	13/759,843	US	UTL	System and Methods for Enabling Arbitrary Developer Code Consumption of Web-Based Data	2/5/2013 -	
-	2012-0094147	12/897,187	US	UTL	Suggestions	10/4/2010 -	
-	2012-0036023 A1	12/850,360	US	UTL	System for Conducting Demand-Side, Real-Time Bidding in an Advertising Exchange	8/4/2010 -	
-	2012-005018	12/830,259	US	UTL	Large-Scale User Modeling Experiments Using Real-Time Traffic	7/2/2010 -	
8442849	2011-0225021	12/723,520	US	UTL	EMOTIONAL MAPPING	3/12/2010	5/14/2013
8909800	2011-0302148	12/792,447	US	UTL	System and Method for Indexing Food Providers and Use of the Index in Search Engines	6/2/2010	12/2/2014
8504567	9262532 2012-0030152 A1	12/847,989	US	UTL	Ranking Entity Facets Using User Click Feedback	7/30/2010	2/16/2016
-	2012-0047131	12/861,774	US	UTL	Automatically Constructing Titles	8/29/2010	8/6/2013
-	2012-0084297	12/897,620	US	UTL	Network-Resource-Specific Search Assistance	10/4/2010 -	
-	CN103069825A	201180035737	CN	UTL	System and Method for Television Search Assistant	7/5/2011 -	
-	HK1163298	201180051023.X	CN	UTL	Matching Items Of User-Generated Content To Entities	10/4/2011 -	
-	HK1163298	12/03737	HK	UTL	Online Handwriting Recognition Arrangement	7/28/2010 -	
-	-	-	HK	UTL	System and Method for Online Handwriting Recognition in Web Queries	-	
-	-	-	HK	UTL	SYSTEM AND METHOD FOR ONLINE HANDWRITING RECOGNITION IN WEB QUERIES	-	
-	-	10-2012-0066382	KR	UTL	System and method for online handwriting recognition in web queries	6/20/2012 -	
-	201142627	99120215	TW	UTL	System and method for online handwriting recognition in web queries	6/22/2010 -	
-	-	104116772	TW	UTL	System and Method for Online Handwriting Recognition in Web Queries	5/26/2015 -	
8930360	US 2011-0295877 A1	12/789,980	US	UTL	METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADVERTISEMENT BRAND ENGAGEMENT VALUE	5/28/2010	1/6/2015
-	-	100125483	TW	UTL	ADVERTISEMENT BRAND ENGAGEMENT VALUE	7/19/2011 -	
-	WO 2012/012298	PCT/US11/44273	WO	UTL	System and Method for Controlling A Networked Display	7/15/2011 -	
8990702	2012-0084662	12/694,569	US	UTL	System and Method for Controlling A Networked Display	9/30/2010	3/24/2015
9160819	2015-0156283 A1	14/619,608	US	UTL	Building Content in Q&A Sites By Auto-Posting Of Questions Extracted From Web Search Logs	2/11/2016	10/13/2015
8452747	US 2012-0059816 A1	12/876,724	US	UTL		9/7/2010	5/28/2013

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-	2012-0016877	12/635,954	US	UTL	Clustering of Search Results	7/14/2010 -
-	2012-0036148	12/852,426	US	UTL	Socializing via Search	8/6/2010 -
8484077	2012-0022952	12/893,939	US	UTL	Using Linear and Log-Linear Model Combinations for Estimating Probabilities of Events	9/29/2010 7/9/2013
-	2013-0275235 A1	13/909,445	US	UTL	Using Linear and Log-Linear Model Combinations for Estimating Probabilities of Events	6/4/2013 -
-	2012-0054027 A1	12/871,240	US	UTL	Network Based Advertisement System	8/30/2010 -
8476697	2012-0066053	12/882,599	US	UTL	Determining Whether To Provide An Advertisement To A User Of A Social Network	9/15/2010 7/2/2013
-	2013-0275212 A1	13/904,848	US	UTL	Determining Whether To Provide An Advertisement To A User Of A Social Network	5/29/2013 -
8543518	2012-0023046	12/843,762	US	UTL	Deducing Shadow User Profiles for Ad Campaigns	7/28/2010 9/24/2013
8442987	2012-0047151	12/859,277	US	UTL	METHOD AND SYSTEM FOR PROVIDING CONTENTS BASED ON PAST QUERIES	8/19/2010 5/14/2013
8930390	2012-0089582	12/900,595	US	UTL	Mouse Gesture Assisted Search	10/8/2010 1/6/2015
-	2012-0030011 A1	12/847,530	US	UTL	Systems and Methods for Estimating a Conversion Rate for a Digital Advertisement Based on Dwell Times Associated with the Digital Advertisement	7/30/2010 -
8955044	2012-0084832	12/897,615	US	UTL	Time Managed Challenge-Response Tests	10/4/2010 2/10/2015
8566160	2012-0259702	13/499,561	US	UTL	Determining Placement Of Advertisements On Web Pages	3/30/2012 10/22/2013
9092537	2012-0066256 A1	12/882,561	US	UTL	Method and System for Generating Search URLS	9/15/2010 7/26/2015
8849775	2012-0158740	12/969,146	US	UTL	Caching Web Documents In Two Or More Caches	12/15/2010 9/30/2014
-	2012-0050318 A1	12/872,626	US	UTL	Content Preview Generation	8/31/2010 -
-	9280528 2012-0084636 A1	12/896,942	US	UTL	Method and system for processing and learning rules for extracting information from incoming web pages	10/4/2010 3/8/2016
-	2012-0084159 A1	12/898,661	US	UTL	User Credibility in Electronic Media Advertising	10/5/2010 -
-	CN 103270510A	201180062087	CN	UTL	System and Method for Providing Contextual Actions on a Search Results Page	12/19/2011 -
-	-	11812921	EP	UTL	System and Method for Television Search Assistant	7/5/2011 -
-	1181940	13109108	HK	UTL	System and Method for Television Search Assistant	7/5/2011 -
10-1386832	-	10-2013-7005163	KR	UTL	System and Method for Television Search Assistant	7/5/2011 4/11/2014
1459799	201208353	100124642	TW	UTL	System and Method for Television Search Assistant	7/12/2011 11/1/2014
8250077	2012-0030215	12/845,566	US	UTL	System and Method for Television Search Assistant	7/28/2010 8/21/2012

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-	2012-0290586	13/554,872	US	UTL	System and Method for Television Search Assistant	7/20/2012 -
-	2012/015585	PCT/US2011/042985	WO	UTL	System and Method for Television Search Assistant	7/5/2011 -
-	2012-0226641 A1	13/384,589	US	UTL	Training A Search Query Intent Classifier Using Wiki Article Titles And A Search Click Log	1/17/2012 -
8606564	US 2012-0109637 A1	12/917,389	US	UTL	Extracting Rich Temporal Context For Business Entities and Events	11/1/2010 12/10/2013
8843817	US 2012-0066579 A1	12/881,320	US	UTL	System and Method for Obtaining User Information	9/14/2010 9/23/2014
-	2012-0010939	12/831,967	US	UTL	SOCIAL NETWORK BASED ONLINE ADVERTISING	7/7/2010 -
7739708	US-2007-0027744-A1	11/281,919	US	UTL	System and Method For Revenue Based Advertisement Placement	11/16/2005 6/15/2010
8423409	2012-0059722	12/874,543	US	UTL	System and Method for Monetizing User-Generated Web Content	9/2/2010 4/16/2013
8463627	2012-0173533	12/984,539	US	UTL	Mining Global Email Folders for Identifying Auto-Folder Tags	1/4/2011 6/11/2013
-	2012-0054010	12/868,579	US	UTL	Targeting Consumers By Paying Users to Share Online Coupons	8/25/2010 -
-	2012-0109737 A1	12/914,683	US	UTL	Measuring the Effects of Social Sharing on Online Content and Advertising	10/28/2010 -
8589378	2012-0089621	12/901,917	US	UTL	Topic-Oriented Diversified Item Recommendation	10/11/2010 11/19/2013
-	2012-0109956 A1	12/915,390	US	UTL	Profile Prediction for Shared Computers	10/26/2010 -
-	2012-0030007	12/845,113	US	UTL	ONLINE ADVERTISEMENT PROFILES	7/28/2010 -
-	2012-0005583 A1	12/827,781	US	UTL	Method and System for Performing a Web Search Method and System for Performing a Web Search Via a Client-Side Module	6/30/2010 -
9152712	2012-0005626 A1	12/827,838	US	UTL	CROSS-MARKET MODEL ADAPTATION WITH PAIRWISE PREFERENCE DATA	6/30/2010 10/6/2015
8489590	2012-0150855	12/966,983	US	UTL	Search Container	12/13/2010 7/16/2013
1469075	201224975	100136237	TW	UTL	Search Container	10/6/2011 1/11/2015
-	20120089457	12/900,735	US	UTL	Search Container	10/8/2010 -
-	PCT/US11/55565		WO	UTL	Search Container	10/10/2011 -
-	2012-0084657	12/894,461	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 -
1491217	201304516	101116472	TW	UTL	Method to Increase Content Relevance Using Insights Obtained from a User Activity Updates	5/9/2012 7/1/2015
8838564	2012-0296920	13/111,928	US	UTL	Method to Increase Content Relevance Using Insights Obtained from User Activity Updates	5/19/2011 9/16/2014
-	-	PCT/US12/38532	WO	UTL	METHOD TO INCREASE CONTENT RELEVANCE USING INSIGHTS OBTAINED FROM USER ACTIVITY UPDATES	5/16/2012 -
-	2012/0030013	12/844,517	US	UTL	Slideshows in Search	7/27/2010 -
8583502	2012-0016772	12/838,169	US	UTL	Value Maximizing Recommendation Systems	7/16/2010 11/12/2013

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8510248	2012-0130931	12/949,429	US	UTL	Bootstrapping Recommendation System and Method	11/18/2010	8/13/2013
-	2012-0078707 A1	12/894,000	US	UTL	Measuring Infile Ad Performance for Third-Party Ad Serving	9/29/2010 -	
8510653	2012-0124466 A1	12/946,450	US	UTL	Combination Creative Advertisement Targeting System	11/15/2010	8/13/2013
-	2012-0158504	12/973,329	US	UTL	Selection And/Or Modification Of An Ad Based On An Emotional State Of A User	12/20/2010 -	
9075981	2012-0210409 A1	13/027,276	US	UTL	NON-TEXTUAL SECURITY USING PORTRAITS	2/15/2011	7/7/2015
8364525	2012-0136722	12/956,496	US	UTL	Using Clicked State Driven Click-Through Rate Estimates in Sponsored Search	11/30/2010	1/29/2013
9009253	2012-0209945 A1	13/028,888	US	UTL	Optimizing Server Resources Using Multiple Retry For High Traffic Websites	2/18/2011	4/14/2015
8255414	20120066195	12/882,974	US	UTL	Search Asslet Powered By Session Analysis	9/15/2010	8/28/2012
-	CN 103430563 A	201160062099	CN	UTL	Signal-Driven Interactive Television	12/21/2011 -	
-	-	11853568	EP	UTL	System and Method for Providing Contextual Actions on a Search Results Page	12/19/2011 -	
-	1187710	14100675	HK	UTL	System and Method for Providing Contextual Actions on a Search Results Page	12/19/2011 -	
10-1514588	20130094345	10-2013-7017062	KR	UTL	System and Method for Providing Contextual Actions on a Search Results Page	12/19/2011	4/16/2015
1474198	201243829	100148240	TW	UTL	System and method for providing targeted applications within a search results page	12/23/2011	2/21/2015
-	-	103139717	TW	UTL	Applications within a Search Results Page	11/17/2014 -	
9015140	2012-0173520 A1	12/981,860	US	UTL	System and Method for Providing Contextual Actions on a Search Results Page	12/30/2010	4/21/2015
-	2015-0199434 A1	14/685,285	US	UTL	System and Method for Providing Contextual Actions on a Search Results Page	3/23/2015 -	
-	2012/091976	PCT/US11/65792	WO	UTL	System and Method for Providing Contextual Actions on a Search Results Page	12/19/2011 -	
8498950	2012-0095943	12/905,543	US	UTL	System for Training Classifiers in Multiple Categories Through Active Learning	10/15/2010	7/30/2013
8459160	2012-0059848	12/877,756	US	UTL	SOCIAL NETWORK BASED USER-INITIATED REVIEW AND PURCHASE RELATED INFORMATION AND ADVERTISING	9/8/2010	6/4/2013
-	2012-0124617 A1	12/946,202	US	UTL	System and Method for Delivering Advertising to Members of a Pseudo-Social Network	11/15/2010 -	
8549103	2012-0089897	12/900,366	US	UTL	MULTISIDED AUDIENCE-RELATED HYBRID MEASUREMENTS	10/7/2010	10/1/2013
8819292	2014-0006105-A1	14/016,927	US	UTL	MULTISIDED AUDIENCE-RELATED HYBRID MEASUREMENTS	9/3/2013	8/26/2014
-	2012-0166468	12/979,737	US	UTL	Method And System To Utilize Session Queues In Real Time To Improve Geo Precision Of Sponsored Listings	12/28/2010 -	

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-	2012-0158492	12/970,340	US	UTL	Method and System for Attention Based Advertisement Insertion	12/16/2010 -
-	2012-0159329 A1	12/970,519	US	UTL	System for Creating Anchors for Media Content	12/16/2010 -
-	2012-0109732 A1	12/915,436	US	UTL	Consumer Group Buying Through Online Ads	10/29/2010 -
-	2012-0166075	12/975,392	US	UTL	LOCATION-AWARE ADAPTIVE EVENT REMINDER	12/22/2010 -
8903845	2012-0166467	12/978,261	US	UTL	Systems and Methods for Providing Search Assistance Technologies Based on User Self-Efficacy and Search Frustration	12/23/2010 12/2/2014
1494843	201237736	100148244 TW	UTL	UTL	Continuous Content Refinement Of Topics Of User Interest	12/23/2011 8/1/2015
-	-	104114022 TW	UTL	UTL	Continuous Content Refinement Of Topics Of User Interest	5/1/2015 -
-	2012-0167010 A1	12/980,076	US	UTL	Continuous Content Refinement Of Topics Of User Interest	12/28/2010 -
-	-	PCT/US11/66439	WO	UTL	Continuous Content Refinement Of Topics Of User Interest	12/21/2011 -
8266149	-	12/965,801	US	UTL	Clustering with Similarity-Adjusted Entropy	12/10/2010 9/11/2012
8601017	US 2012-0166482 A1	12/977,130	US	UTL	Serving reliable content through search	12/23/2010 12/3/2013
8478701	2012-0166367	12/975,366	US	UTL	LOCATING A USER BASED ON AGGREGATED TWEET CONTENT ASSOCIATED WITH A LOCATION	12/22/2010 7/2/2013
9172666	2013-0275536 A1	13/914,285	US	UTL	Locating A User Based On Aggregated Tweet Content Associated With A Location	6/10/2013 10/27/2015
8615610	2012-0054167	12/874,118	US	UTL	Quick Applications for Search	9/1/2010 12/24/2013
8521679	2012-0158638	12/973,768	US	UTL	CLASSIFICATION RECOMMENDATION BASED ON SOCIAL ACTIONS	12/20/2010 8/27/2013
-	2012-0166275 A1	12/977,099	US	UTL	PRIVACY ENHANCING DISPLAY ADVERTISEMENT RECOMMENDATION USING TAGGING	12/23/2010 -
-	2015-0074146 A1	14/526,613	US	UTL	Method and System For Discovering Dynamic Relations Among Entities	10/29/2014 -
9213981	2012-0158843 A1	12/973,862	US	UTL	Techniques For Improving Relevance Of Social Updates Distributed Offline	12/20/2010 12/15/2015
9189804	2014-0081744 A1	14/090,972	US	UTL	Systems and Methods for List Ranking and Ads Placement Using Interaction Features	11/26/2013 11/17/2015
8620744	-2012-0143672	12/982,539	US	UTL	Systems and Methods for List Ranking and Ads Placement Using Interaction Features	12/30/2010 12/31/2013
-	WO/2012/075600	PCT/CN2010/001976	WO	UTL	List ranking for north Ads using interaction features	12/6/2010 -
8918331	2012-0158519	12/973,954	US	UTL	Time-Triggered Advertisement Replacement	12/21/2010 12/23/2014
-	2015-0066656 A1	14/540,591	US	UTL	Time-Triggered Advertisement Replacement	11/13/2014 -
8620745	2012-0191531	13/381,037	US	UTL	Selecting Advertisements For Placement On Related Web Pages	12/27/2011 12/31/2013
-	2012-0084310 A1	12/897,642	US	UTL	Contextual Quick-Picks	10/4/2010 -

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-	2012-0084142 A1	12/895,773	US	UTL	BID LANDSCAPE FORECASTING IN ONLINE ADVERTISING	9/30/2010 -
-	2012-0166416 A1	12/977,851	US	UTL	Method And System To Identify Geographical Locations Associated With Queries Received At A Search Engine	12/23/2010 -
8990241	2012-0166438 A1	12/977,942	US	UTL	System And Method For Recommending Queries Related To Trending Topics Based On A Received Query	12/23/2010 -
8429027	2012-0116915	12/941,842	US	UTL	Mobile-Based Real-Time Food-and-Beverage Recommendation System	11/8/2010 4/23/2013
-	WO2012/064664	PCT/US11/59617	WO	UTL	Recommendation System	11/7/2011 -
8799260	2012-0158693	12/971,608	US	UTL	Method And System For Generating Web Pages For Topics Unassociated With A Dominant URL	12/17/2010 8/5/2014
9137288	2012-0158825 A1	12/972,745	US	UTL	Scalable Push-Head Architecture for Web Applications	12/20/2010 9/15/2015
8527564	2012-0158716	12/970,844	US	UTL	Image Object Retrieval Based on Aggregation of Visual Annotations	12/16/2010 9/3/2013
-	2012-0158515 A1	12/973,937	US	UTL	DYNAMIC ADVERTISEMENT SERVING BASED ON AN AVATAR	12/21/2010 -
-	2012-0150635	12/965,776	US	UTL	System and Method for Booking an Advertisement to an Impression Using a Targeting Dimension Dictionary	12/10/2010 -
8620720	2012-0278129	13/096,629	US	UTL	Embedding Calendar Knowledge In Event-Driven Inventory Forecasting	4/23/2011 12/31/2013
-	2014-0081696 A1	14/089,186	US	UTL	Embedding Calendar Knowledge In Event-Driven Inventory Forecasting	11/25/2013 -
2011318397	-	2011318397	AU	UTL	Matching Items Of User-Generated Content To Entities	10/4/2011 2/18/2016
-	-	201280005547	CN	UTL	Extraction And Matching Of Characteristic Fingerprints From Audio Signals	1/13/2012 -
-	2630588	11834850	EP	UTL	Matching Items Of User-Generated Content To Entities	10/4/2011 -
-	1183949	13111151	HK	UTL	Matching Items Of User-Generated Content To Entities	10/4/2011 -
1436223	-	100197840	TW	UTL	Matching Items Of User-Generated Content To Entities	10/19/2011 5/1/2014
8412771	2012-0102104	12/909,766	US	UTL	Matching Items Of User-Generated Content To Entities	10/21/2010 4/2/2013
-	-	PCT/US11/54761	WO	UTL	Matching Items Of User-Generated Content To Entities	10/4/2011 -
-	2013-0173568 A1	13/339,142	US	UTL	Method or System for Identifying Website Link Suggestions	12/28/2011 -
-	2012-0166292	12/979,928	US	UTL	Systems and Methods for Pricing Portfolio Allocations of Ad Deliveries to Online Ads Using a Vickrey-Clarke-Groves Mechanism	12/28/2010 -

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-	2012-0150626	12/965,711	US	UTL	System and Method for Automated Recommendation of Advertisement Targeting Attributes	12/10/2010 -
-	2012-0123859 A1	12/946,668	US	UTL	ONLINE ADVERTISING WITH ENHANCED PUBLISHER INVOLVEMENT	11/15/2010 -
-	2012-0109745 A1	12/916,244	US	UTL	NEWS COMMENT RELATED ONLINE ADVERTISING	10/29/2010 -
-	2012/0159371	12/969,121	US	UTL	Relative-location Maps Based on Personalized Points of Reference	12/15/2010 -
-	2012-0158507 A1	12/971,472	US	UTL	Use of Personalized Points of Reference in Selecting Advertisements Shown to Users	12/17/2010 -
9043360	20120158687	12/972,179	US	UTL	Display Entry Relationship	12/17/2010 - 5/26/2015
-	2012-0158495 A1	12/972,941	US	UTL	Inventory Allocation in Advertising Systems	12/20/2010 -
1476716	201229944	100143266	TW	UTL	Integrated and comprehensive advertising campaign management and optimization	11/25/2011 - 3/11/2015
-	2012-0158485	12/969,928	US	UTL	ADVERTISING CAMPAIGN MANAGEMENT AND OPTIMIZATION	12/16/2010 -
-	-	PCT/US11/62252	WO	UTL	INTEGRATED AND COMPREHENSIVE ADVERTISING CAMPAIGN MANAGEMENT AND OPTIMIZATION	11/29/2011 -
-	2012-0158490	12/970,586	US	UTL	Sponsored Search Auction Mechanism for Rich Media Advertising	12/16/2010 -
-	2012-0166277 A1	12/979,769	US	UTL	Variation Of Minimum Advertisement Relevance Quality Threshold Based On Search Query Attributes	12/28/2010 -
8775336	2013-0159222 A1	13/330,405	US	UTL	Interactive Interface for Object Search	12/19/2011 - 7/8/2014
-	2012-0084150	12/895,755	US	UTL	EBOOK ADVERTISING AND RELATED TECHNIQUES	9/30/2010 -
8732014	US 2012-0158525 A1	12/973,858	US	UTL	Automatic classification of display ads using ad images and landing pages	12/20/2010 - 5/20/2014
8935177	2012-0166272	12/976,482	US	UTL	Method and System for Anonymous Measurement of Online Advertisement Using Offline Sales	12/22/2010 - 1/13/2015
-	2012-0158493 A1	12/970,505	US	UTL	Online Advertisement Inventory Management System	12/16/2010 -
-	2012-0166259 A1	12/980,190	US	UTL	Adjusting Demand Parameters to Reduce Allocation Errors in Display Advertising	12/28/2010 -
9105008	2012-0136985	12/955,007	US	UTL	Detecting Controversial Events	11/29/2010 - 8/11/2015
-	2012-0254764 A1	13/078,795	US	UTL	System for Suggest And Automatically Organize Events For Social Activities	4/1/2011 -
8522327	2013-0042311-A1	13/206,583	US	UTL	MULTI-STEP CAPTCHA WITH SERIAL TIME-CONSUMING DECRYPTION OF PUZZLES	8/10/2011 - 8/27/2013
8666927	2012-0271790	13/090,194	US	UTL	System And Method For Mining Tags Using Social Endorsement Networks	4/19/2011 - 3/4/2014

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-	2014-0108327 A1	14/136,477	US	UTL	System And Method For Mining Tags Using Social Endorsement Networks	12/20/2013 -
-	2012-0284128	13/102,320	US	UTL	Order-Independent Approximation For Order-Dependent Logic In Display Advertising Systems and Methods for Scoring Internet Ads and Ranking Vendors	5/6/2011 -
-	2013-0268348-A1	13/908,775	US	UTL	Method and system for concept summarization	6/3/2013 -
-	2012-0254191 A1	13/077,995	US	UTL	Method and System for Data Provenance Management in Multi-Layer Systems	4/1/2011 -
8819064	2012-0203782	13/022,334	US	UTL	DYNAMIC ARRANGEMENT OF E-CIRCULARS IN RAIS (RICH ADS IN SEARCH)	2/7/2011 8/26/2014
-	2012-0254150 A1	13/078,002	US	UTL	ADVERTISEMENTS BASED ON REAL TIME AND PAST USER ACTIVITY	4/1/2011 -
8856028	2012-0191541	13/012,655	US	UTL	Inventory Allocation for Advertising with Changeable Supply Landscape	1/24/2011 10/7/2014
-	2012-0191745	13/012,795	US	UTL	Synthesized Suggestions for Web-Search Queries	1/24/2011 -
-	2012-0191547 A1	13/014,280	US	UTL	Dynamic Value Advertising	1/26/2011 -
-	US 2013-0007091 A1	13/175,782	US	UTL	Methods and Apparatuses for Storing Shared Data Files in Distributed File Systems	7/1/2011 -
-	2012-0150855	12/964,524	US	UTL	INTRA-EBOOK LOCATION DETECTION TECHNIQUES	12/9/2010 -
-	2012-0166274 A1	12/976,219	US	UTL	GENERAL TO SOCIAL ADVERTISEMENTS	12/22/2010 -
-	2012-0158470 A1	12/971,748	US	UTL	System for Supply Forecasting	12/17/2010 -
1478081	201243748	101108252 TW	UTL		Method and System for Delivering Ad-Initiated Emails to a User's Visual Email Inbox to Provide Access to Content	3/12/2012 3/21/2015
-	2012-0253916 A1	13/078,718	US	UTL	Delivering Ad-Initiated Emails To A User's Visual Email Inbox To Provide Access To Content	4/1/2011 -
-	2012/134760	PCT/US2012/028245	WO	UTL	Delivering Ad-Initiated Emails To A User's Visual Email Inbox To Provide Access To Content	3/8/2012 -
-	2012-0253855 A1	13/079,738	US	UTL	Capturing a Future Location of an Online User	4/4/2011 -
-	2012-0265615 A1	13/086,718	US	UTL	CLICK TO CHAT IN ONLINE ADVERTISING	4/14/2011 -
-	2012-0158505 A1	12/973,696	US	UTL	Blending Advertiser Data with Ad Network Data in Order to Serve Finely Targeted Ads	12/20/2010 -
-	2013-0006759	13/174,992	US	UTL	Monetizing User Generated Content With Embedded Advertisements	7/1/2011 -
8898133	2013-0159274 A1	13/332,340	US	UTL	User Behavior-Driven Background Cache Refreshing	12/20/2011 11/25/2014
8589804	2012-0272159	13/092,589	US	UTL	COLLABORATIVE ELECTRONIC BOOKS	4/22/2011 11/19/2013
-	2012-0197723 A1	13/016,885	US	UTL	USER-CUSTOMIZABLE SOCIAL GROUPING AND ADVERTISEMENT TARGETING TECHNIQUES	1/26/2011 -
8356050	-	13/301,242	US	UTL	Cross-Memory Spilling in Shared-Nothing Query Processing	11/21/2011 1/15/2013

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8358843	2012-0195505	13/017,464	US	UTL	TECHNIQUES INCLUDING URL RECOGNITION AND APPLICATIONS	1/31/2011	1/22/2013
9070038	2013-0108158 A1	13/718,640	US	UTL	TECHNIQUES INCLUDING URL RECOGNITION AND APPLICATIONS	12/18/2012	6/30/2015
-	2015-0254520 A1	14/720,254	US	UTL	Techniques Including URL Recognition and Applications	5/22/2015 -	
-	2013-0024289	13/185,969	US	UTL	Evaluating Third Party Targeting Data	7/19/2011 -	
8918389	US 2013-0018672 A1	13/182,439	US	UTL	Dynamically Altered Search Assistance	7/13/2011	12/23/2014
8713028	2013-0132401 A1	13/298,932	US	UTL	Related News Articles	11/17/2011	4/29/2014
8515964	2013-0031059 A1	13/189,696	US	UTL	Method and System for Fast Similarity Computation in High Dimensional Space	7/25/2011	6/20/2013
-	2012-0266588 A1	13/085,390	US	UTL	System and Method for Recommending New Connections in an Advertising Exchange	4/12/2011 -	
-	2012-0158487 A1	12/970,593	US	UTL	SIMULATIONS IN INTEGRATED AND COMPREHENSIVE ADVERTISING CAMPAIGN MANAGEMENT AND OPTIMIZATION	12/18/2010 -	
-	-	201280013336 CN	US	UTL	Search Assistant System and Method	2/22/2012 -	
-	-	11851955	EP	UTL	Signal-driven Interactive Television	12/21/2011 -	
10-1487639	-	10-2013-7019445	KR	UTL	Signal-driven Interactive Television	12/21/2011	1/22/2015
-	-	100147850	TW	UTL	Signal-driven Interactive Television	12/21/2011 -	
9185458	2011-0247044	12/977,643	US	UTL	Signal-driven Interactive Television	12/22/2010	11/10/2015
-	WO 2012/088332	PCT/US11/66618	WO	UTL	Signal-driven Interactive Television	12/21/2011 -	
8930338	2012-0298927	13/109,274	US	UTL	System and Method for Contextualizing Query Instructions Using User's Recent Search History	5/17/2011	1/6/2015
8818787	2012-0197626	13/018,243	US	UTL	Method and System for Predicting Performance of Software Applications on Prospective Hardware Architecture	1/31/2011	6/26/2014
9208053	2014-0350912 A1	14/334,034	US	UTL	Method and System for Predicting Performance of Software Applications on Prospective Hardware Architecture	7/17/2014	12/8/2015
-	2012-0298633	13/111,656	US	UTL	Using User's Social Connection and Information in Web Searching	5/19/2011 -	
-	2012-0294275	13/099,197	US	UTL	Utilizing Offline Clusters for Realtime Clustering of Search Results	5/2/2011 -	
8977640	2012-0221591 A1	13/036,591	US	UTL	System for Processing Complex Queries	2/28/2011	3/10/2015
8983996	2013-0110863 A1	13/286,204	US	UTL	Assisted Searching	10/31/2011	3/17/2015
-	2012-0271714	13/093,498	US	UTL	RETARGETING RELATED TECHNIQUES AND OFFERINGS	4/25/2011 -	
-	2012-0284098	13/101,708	US	UTL	Processing Cross-Line Conversions	5/5/2011 -	
9158651	2013-0159406 A1	13/332,338	US	UTL	Location Aware Commenting Widget For Creation And Consumption Of Relevant Comments	12/20/2011	10/13/2015
-	2012-0271708 A1	13/091,784	US	UTL	INTEGRATED AND COMPREHENSIVE ADVERTISING CAMPAIGN SELECTION AND IMPLEMENTATION	4/21/2011 -	

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-	2012-0239468 A1	13/051,185	US	UTL	High-performance supply forecasting using override rules in display advertising systems	3/18/2011 -
-	2012-0271709	13/092,267	US	UTL	INTEGRATED AND COMPREHENSIVE ADVERTISING CAMPAIGN VISUALIZATION	4/22/2011 -
8880423	2013-0006764	13/175,270	US	UTL	Inventory Estimation for Search Retargeting	7/1/2011 - 11/4/2014
8914382	2013-0086078-A1	13/251,666	US	UTL	System and Method for Generation of a Dynamic Social Page	10/3/2011 - 12/16/2014
-	2012-0253951	13/074,096	US	UTL	Scalable Inventory Protection And Optimization in Display Advertising	3/29/2011 -
8671022	US 2012-0226561	13/039,256	US	UTL	Aggregated Contextual Targeting Advertisements Using Instant Messaging Clients	3/2/2011 - 3/11/2014
8601079	2013-0138744-A1	13/306,619	US	UTL	Fast Maneuvering and high-speed Data attachments For Message Services	11/29/2011 - 12/3/2013
8832057	2013-0144870A1	13/310,658	US	UTL	Results Returned For List-Seeking Queries Dynamically Updating Emoticon Pool Based on User Targeting	12/2/2011 - 9/9/2014
-	2013-0103766 A-1	13/276,967	US	UTL	NATURAL EXPERIMENTS IN ONLINE ADVERTISING	10/19/2011 -
-	2012-0278158 A1	13/096,867	US	UTL	System For Managing Advertisements And Promotions	4/28/2011 -
-	2012-0310745	13/149,453	US	UTL	Content Provider Yield Management	5/31/2011 -
-	-	11/684,492	US	UTL	TARGETING CONTENT CREATION REQUESTS TO CONTENT CONTRIBUTORS	3/9/2007 -
8386308	-	12/723,602	US	UTL	Generation of Content Creation Requests for a Content Distribution System	3/12/2010 - 2/26/2013
8985865	US 2011-0225239 A1	12/723,603	US	UTL	System and Method for Analyzing Dynamic Performance of Complex Applications	3/12/2010 - 2/24/2015
8856767	US 2012-0278793 A1	13/097,446	US	UTL	Image Object Retrieval	4/29/2011 - 10/7/2014
-	2013-0148903 A1	13/315,210	US	UTL	METHODS AND SYSTEMS FOR GROUP TARGETING FOR ADVERTISABLE CALENDAR ENTRIES	12/8/2011 -
-	2013-0006732	13/175,743	US	UTL		7/1/2011 -
-	2013-0006777	13/175,185	US	UTL	Determination and Monetization of Future Location Systems and Methods for Location Based Social Network	7/1/2011 -
-	-	101119522 TW	US	UTL	Systems and Methods for Location Based Social Network	5/31/2012 -
-	2012-0324018 A1	13/162,339	US	UTL	Systems and Methods for Location Based Social Network	6/16/2011 -
-	-	PCT/US2012/38336	WO	UTL	Method and System for Personalized Search Suggestions	5/17/2012 -
-	20120296743	13/111,058	US	UTL	Identifying Users Likely to Perform for a Specific Advertiser's Campaign Goals	5/19/2011 -
-	2013-0091009 A1	13/270,845	US	UTL	System And Method For Web Knowledge Extraction	10/11/2011 -
8918357	20130031131	13/191,231	US	UTL		7/26/2011 - 12/23/2014

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-	103765113 A	201280043167 CN	US	UTL	Integrated Building Based Air Handler for Server Farm Cooling System	8/17/2012 -	
-	-	12760369 EP	US	UTL	Search Assistant System and Method	2/23/2012 -	
-	1190474	14103365 HK	US	UTL	Search Assistant System and Method	2/23/2012 -	
1479347	201243632	101107281 TW	US	UTL	Search Assistant System and Method	3/5/2012	4/1/2015
-	-	103145663 TW	US	UTL	Search Assistant System and Method	12/26/2014 -	
-	2012-0246165 A1	13/053,847	US	UTL	Search Assistant System and Method	3/22/2011 -	
-	2012/128888	PCT/US2012/026300	WO	UTL	Search Assistant System and Method	2/23/2012 -	
-	2013-0191180 A1	13/318,475	US	UTL	System for Collecting Customer Feedback in Real-Time	1/20/2012 -	
-	2013-0046613 A1	13/212,530	US	UTL	Optimizing Targeting Effectiveness Based on Survey Responses	8/19/2011 -	
-	2013-0132959 A1	13/304,024	US	UTL	A System for Generating or Using Queues	11/23/2011 -	
8954568	2013-0024496	13/187,547	US	UTL	Method and System for Building an Elastic Cloud Web Server Farm	7/21/2011	2/10/2015
-	2015-0127725 A1	14/594,684	US	UTL	Method and System for Building an Elastic Cloud Web Server Farm	1/12/2015 -	
-	-	61/450,980	US	PRV	Yahoo! Flexible Tier Data Center	3/9/2011 -	
-	2013-0120929 A1	13/415,804	US	UTL	Flexible Tier Data Center	3/8/2012 -	
8832729	2013-0014182	13/176,572	US	UTL	METHODS AND SYSTEMS FOR GRABBING VIDEO SNIPPETS ATTENTION WHILE AWAITING DOWNLOAD	7/5/2011	9/9/2014
-	2013-0197984	13/360,931	US	UTL	Socially Shared Ads	1/30/2012 -	
1466045	201305950	101123380 TW	UTL	UTL	Methods and systems for collaborative advertising METHODS AND SYSTEMS FOR COLLABORATIVE ADVERTISING	6/29/2012	12/21/2014
-	2013-0013421-A1	13/178,286	US	UTL	METHODS AND SYSTEMS FOR COLLABORATIVE ADVERTISING	7/7/2011 -	
-	2013/006274	PCT/US2012/043356	WO	UTL	COLLABORATIVE ADVERTISING	8/20/2012 -	
8666156	2013-0013394	13/176,057	US	UTL	Combining Segments Of Users into Vertically Indexed Super-Segments	7/5/2011	10/22/2013
-	2013-0339129 A1	13/968,209	US	UTL	Combining Segments of Users into Vertically Indexed Super-Segments	8/15/2013 -	
8680099	2013-0095856-A1	13/271,730	US	UTL	Method, Device, and Server for Transmitting and Responding to a Location Declaration	10/12/2011	11/4/2014
9214135	2013-0021375	13/185,284	US	UTL	System for Monitoring a Video	7/18/2011	12/15/2015
-	-	14/964,163	US	UTL	System for Monitoring a Video	12/9/2015 -	
8666916	2013-0013535	13/178,396	US	UTL	Method for Summarizing Event-Related Texts to Answer Search Queries	7/7/2011	3/4/2014
9020865	2014-0172820 A1	14/188,826	US	UTL	Method for Summarizing Event-Related Texts to Answer Search Queries	2/21/2014	4/28/2015
-	2013-0013416	13/178,624	US	UTL	Displaying Advertisements Related to Brands Inferred from User Generated Content	7/5/2011 -	
-	2013-0041757 A1	13/206,302	US	UTL	Disaggregation to Isolate Users for Ad Targeting	8/9/2011 -	
8825749	2013-0103740 A1	13/278,999	US	UTL	Method of Tracking Offline User Interaction in a Flattered Document on a Mobile Device	10/21/2011	9/2/2014

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-	2013-0166360-A1	13/333,563	US	UTL	User Centric Group Buying Deals A METHOD, A SYSTEM AND A COMPUTER READABLE MEDIA OF ADVERTISING CAMPAIGNS UTILIZING STREAMING ANALYTICS	12/21/2011 -
1485639	2013-19966	101129675	TW	UTL	ADVERTISING CAMPAIGNS UTILIZING STREAMING ANALYTICS	8/16/2012 - 5/21/2015
-	2013-0110638-A1	13/283,091	US	UTL	ADVERTISING CAMPAIGNS UTILIZING STREAMING ANALYTICS	10/27/2011 -
-	-	PCT/US2012/049957	WO	UTL	STREAMING ANALYTICS	8/8/2012 -
-	-	101112422	TW	UTL	SMS-initiated Mobile Registration	4/9/2012 -
-	-	61/474,743	US	PRV	SMS-initiated Mobile Registration	4/12/2011 -
9210557	2012-0264427-A1	13/332,308	US	UTL	SMS-initiated Mobile Registration	12/20/2011 - 12/8/2015
-	2012/142133	PCT/US2012/33685	WO	UTL	SMS-initiated Mobile Registration	4/11/2012 -
-	2013-0097016-A1	13/273,722	US	UTL	METHODS AND SYSTEMS FOR TARGETING USER INITIATED SOCIAL EVENTS	10/14/2011 -
8909633	2013-0066977	13/174,796	US	UTL	Method and System for Improving Relevance of Web Content	7/1/2011 - 12/9/2014
-	2013-0144720-A1	13/311,851	US	UTL	System For Advertisement Display	12/6/2011 -
-	2013-0227440-A1	13/407,101	US	UTL	METHOD AND SYSTEM FOR CREATING USER EXPERIENCES BASED ON CONTENT INTENT	2/28/2012 -
-	2013-0097139-A1	13/275,111	US	UTL	Programmable Multi-Filling	10/17/2011 -
-	-	61/554,923	US	PRV	Online article syndication via content packages	11/12/2011 -
-	2013-0110618-A1	13/333,875	US	UTL	Online article syndication via content packages	12/21/2011 -
-	2013-0151514-A1	13/316,413	US	UTL	Extracting Tips	12/9/2011 -
-	2013-0124343-A1	13/297,774	US	UTL	Premium Instant Messaging Space	11/16/2011 -
1493486	201329892	101134640	TW	UTL	Method and System for Selling Group Combo Coupons	9/21/2012 - 7/21/2015
-	2013-0397006-A1	13/271,935	US	UTL	Online Techniques For Selling Group Combo Coupons	10/12/2011 -
-	WO2013/055508	PCT/US12/056322	WO	UTL	Online Techniques For Selling Group Combo Coupons	9/20/2012 -
-	2013-0031013-A1	13/190,502	US	UTL	METHOD AND SYSTEM FOR AUTOMATICALLY IDENTIFYING OPTIMAL MEETING LOCATIONS	7/26/2011 -
-	2014-0012854-A1	13/541,566	US	UTL	Method or System for Semantic Categorization	7/3/2012 -
1493465	201312467	101124586	TW	UTL	Method and System for Distributed Application Stack Deployment	7/9/2012 - 7/21/2015
8736395	20130031542	13/192,575	US	UTL	METHOD AND SYSTEM FOR DISTRIBUTED APPLICATION STACK DEPLOYMENT	7/28/2011 - 6/17/2014
-	-	US12/44754	WO	UTL	METHOD AND SYSTEM FOR DISTRIBUTED APPLICATION STACK DEPLOYMENT	6/29/2012 -
-	2013-0167139-A1	13/332,435	US	UTL	Method And System For Distributed Application Stack Test Certification	12/21/2011 -
9268589	20130152078	13/315,342	US	UTL	Method and System for Deploying Multiple Distributed Application Stacks on a Target Machine	12/9/2011 - 2/23/2016
-	2013-0018968-A1	13/183,260	US	UTL	Automatic profiling of social media users	7/14/2011 -

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8571924	2013-0013392	13/176,668	US	UTL	High Performance Personalized Advertisement Serving by Exploiting Thread Assignments in a Multiple Core Computing Environment	7/5/2011	10/29/2013
-	2014-0236749 A1	13/810,845	US	UTL	Applying Customer Feedback to Group Buying Deals	1/17/2013 -	
-	2013/063720	PCT/CN2011/001850	WO	UTL	Applying Customer Feedbacks To Guarantee/Improve Quality Of Group Buying Deals	11/2/2011 -	
-	-	60/285,949	US	UTL	Electronic thumbprinting of digital music	4/24/2001 -	
7421376	-	10/132,091	US	UTL	Comparison of data signals using characteristic electronic thumbprints	4/24/2002	9/2/2008
7833438	-	12/183,624	US	UTL	Comparison of data signals using characteristic electronic thumbprints extracted therefrom	7/31/2008	12/14/2010
8160840	2011-0071796	12/366,493	US	UTL	Comparison Of Data Signals Using Characteristic Electronic Thumbprints Extracted Therefrom	11/30/2010	4/17/2012
8392148	2012-0191419	13/438,466	US	UTL	Comparison Of Data Signals Using Characteristic Electronic Thumbprints Extracted Therefrom	4/3/2012	3/5/2013
8620626	2013-0018614	13/619,694	US	UTL	Comparison Of Data Signals Using Characteristic Electronic Thumbprints Extracted Therefrom	9/14/2012	12/31/2013
-	2014-0058706-A1	14/071,050	US	UTL	CHARACTERISTIC ELECTRONIC THUMBPRINTS EXTRACTED THEREFROM	11/4/2013 -	
60206002007	-	6254267	DE	UTL	Extraction And Matching Of Characteristic Fingerprints From Audio Signals	8/15/2006	7/30/2008
1760693	-	6254267	EP	UTL	Extraction And Matching Of Characteristic Fingerprints From Audio Signals	8/15/2006	7/30/2008
2309924	-	6254267	ES	UTL	Extraction And Matching Of Characteristic Fingerprints From Audio Signals	8/15/2006	7/30/2008
1760693	-	6254267	FR	UTL	Extraction And Matching Of Characteristic Fingerprints From Audio Signals	8/15/2006	7/30/2008
1760693	-	6254267	GB	UTL	Extraction And Matching Of Characteristic Fingerprints From Audio Signals	8/15/2006	7/30/2008
1760693	-	6254267	IT	UTL	Extraction And Matching Of Characteristic Fingerprints From Audio Signals	8/15/2006	7/30/2008
7516074	-	11/219,365	US	UTL	Extraction And Matching Of Characteristic Fingerprints From Audio Signals	9/1/2005	4/7/2009
8396705	-	12/392,062	US	UTL	Extraction And Matching Of Characteristic Fingerprints From Audio Signals	2/24/2009	3/12/2013
9208790	2013-0197913-A1	13/793,952	US	UTL	Extraction And Matching Of Characteristic Fingerprints From Audio Signals	3/11/2013	12/8/2015
-	103947214 A	201280057193 CN	CN	UTL	Context Relevant Interactive Television Media Identification System With Fingerprint Database Balanced According To Search Loads	11/28/2012 -	
-	2441009	10786549	EP	UTL		5/11/2010 -	

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-	HK1167484	12107986	HK	UTL	Media Identification System With Fingerprint Database Balanced According To Search Loads	5/11/2010 -
-	-	10-2014-7025353	KR	UTL	Media Identification System With Fingerprint Database Balanced According To Search Loads	5/11/2010 -
8713068	2010-0318587	121483,222	US	UTL	Media Identification System With Fingerprint Database Balanced According To Search Loads	6/11/2009 4/29/2014
-	2014-0236952 A1	14/260,747	US	UTL	Media Identification System With Fingerprint Database Balanced According To Search Loads	4/24/2014 -
-	2010/144206	PCT/US2010/034449	WO	UTL	Media Identification System With Fingerprint Database Balanced According To Search Loads	5/11/2010 -
-	-	8631110	EP	UTL	Restoring Program Information for Clips of Broadcast Programs Shared Online	9/15/2008 -
-	-	60/972,637	US	UTL	Online Sharing Of User-Generated Content Obtained From Broadcast Programs	9/14/2007 -
8295363	-	12/210,639	US	UTL	Restoring Program Information for Clips of Broadcast Programs Shared Online	9/15/2008 10/23/2012
9036717	2012-0324506 A1	13/600,610	US	UTL	Restoring Program Information for Clips of Broadcast Programs Shared Online	8/31/2012 5/19/2015
-	2015-0248479 A1	14/714,864	US	UTL	Restoring Program Information for Clips of Broadcast Programs Shared Online	5/18/2015 -
-	2009/096435	PCT/US2008/076415	WO	UTL	Restoring Program Information for Clips of Broadcast Programs Shared Online	9/15/2008 -
8594392	US 2011-0116719 A1	12/621,472	US	UTL	Media Identification System For Efficient Matching Of Media Items Having Common Content	11/18/2009 11/26/2013
9110928	2014-0067863-A1	14/071,153	US	UTL	Media Identification System For Efficient Matching Of Media Items Having Common Content	11/4/2013 8/18/2015
-	-	61/152,842	US	UTL	Video Fingerprinting	2/13/2009 -
8934545	2010-0211794	12/706,658	US	UTL	Extraction of Video Fingerprints and Identification of Multimedia Using Video Fingerprinting	2/16/2010 1/13/2015
-	2015-0125036 A1	14/594,278	US	UTL	Extraction of Video Fingerprints and Identification of Multimedia Using Video Fingerprinting	1/12/2015 -
-	104145265 A	201280060719 CN	CN	UTL	Systems and methods involving features of search and/or search integration	12/17/2012 -
-	-	12744318	EP	UTL	Extraction and matching of characteristic fingerprints from audio signals	1/13/2012 -
-	1190473	14103364	HK	UTL	Extraction and Matching Of Characteristic Fingerprints From Audio Signals	1/13/2012 -
1480855	201246183	101102127	TW	UTL	Extraction And Matching Of Characteristic Fingerprints From Audio Signals	1/19/2012 4/11/2015
-	-	103129319	TW	UTL	Extraction And Matching Of Characteristic Fingerprints From Audio Signals	8/26/2014 -

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9093120	2012-0209612	13/025,060	US	UTL	Audio Fingerprint Extraction by Scaling in Time and Resampling	2/10/2011	7/28/2015
-	2012/108975	PCT/US2012/021303	WO	UTL	Extraction And Matching Of Characteristic Fingerprints From Audio Signals	1/13/2012 -	
8706757	-	11/868,981	US	UTL	Device, Method and Computer Program Product for Generating Web Feeds	10/9/2007	4/22/2014
-	2014-0181642-A1	14/191,113	US	UTL	Device, Method and Computer Program Product for Generating Web Feeds	2/28/2014 -	
8150878	-	11/940,387	US	UTL	DEVICE METHOD AND COMPUTER PROGRAM PRODUCT FOR SHARING WEB FEEDS	11/15/2007	4/3/2012
-	US 2013-0186685 A1	13/335,692	US	UTL	Method and System for Generating Query-Related Suggestions	12/22/2011 -	
-	2013-0085888 A1	13/251,938	US	UTL	System and Method for Generating an Effective Bid Per Impression Based on Multiple Attribution Of Pay-Per-Conversion Advertising	10/3/2011 -	
-	2013-0054342 A1	13/222,994	US	UTL	Advertising Bonus System	8/31/2011 -	
9043413	2013-0124648 A1	13/296,341	US	UTL	System and Method for Extracting, Collecting, Enriching and Ranking of Email Objects	11/15/2011	5/26/2015
9208470	2013-0086484 A1	13/252,799	US	UTL	SYSTEM FOR CUSTOM USER-GENERATED ACHIEVEMENT BADGES BASED ON ACTIVITY FEEDS	10/4/2011	12/6/2015
8923621	2013-0259379-A1	13/434,738	US	UTL	Finding Engaging Media with Initialized Explore-Exploit	3/29/2012	12/30/2014
8660975	2013-0151456-A1	13/313,775	US	UTL	CONTENT ITEMS AND CONSUMERS METHODS AND SYSTEMS FOR TARGETING	12/7/2011	2/25/2014
-	2012-0303454	13/117,011	US	UTL	ADVERTISEMENTS ON LOGIN PAGES	5/26/2011 -	
8990177	2013-0110883A1	13/283,543	US	UTL	Look-free Transactional Support for Large-scale Storage Systems	10/27/2011	3/24/2015
-	-	14/662,504	US	UTL	Look-free Transactional Support for Large-scale Storage Systems	3/19/2015 -	
-	2013-0091019-A1	13/253,650	US	UTL	System for Serving Advertisements	10/5/2011 -	
-	2013-0166394 A1	13/334,303	US	UTL	Salency-based evaluation of webpage designs and layout	12/22/2011 -	
8661136	20130097321	13/274,385	US	UTL	Method and System for Work Load Balancing Method and System for Providing Offers That Specify A Variable Discount With Respect To A Price Of A Good And/Or Service	10/17/2011	2/25/2014
-	201333856	101143394 TW	UTL		Providing Offers That Specify A Variable Discount With Respect To A Price Of A Good And/Or Service	11/21/2012 -	
-	20130159088 13/332,056	US	UTL		Providing Offers That Specify A Variable Discount With Respect To A Price Of A Good And/Or Service	12/20/2011 -	
-	2013/095857	PCT/US12/66117	WO	UTL	Providing Offers That Specify A Variable Discount With Respect To A Price Of A Good And/Or Service	11/20/2012 -	
8930839	2013-0132874 A1	13/301,792	US	UTL	Automatically Arranging of Icons On A User Interface	11/22/2011	1/6/2015

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9135632	2013-0173394 A1	13/339,254	US	UTL	Methods and Systems for Ad Placement Planning	12/28/2011	9/15/2015
-	2015-0348086 A1	14/824,819	US	UTL	Methods and Systems For Ad Placement Planning	8/12/2015 -	
8868658	2013-0159340  A1	13/330,087	US	UTL	Quote-based search Method and System for Resolving Data Inconsistency	12/19/2011	10/21/2014
8849776	20130097130	13/274,397	US	UTL	Systems and Methods for Advertising and Monetization in Location Based Spatial Networks	10/17/2011	9/30/2014
-	-	101119526	TW	UTL	Systems and Methods for Advertising and Monetization in Location Based Spatial Networks	5/31/2012 -	
-	2012-0323689	13/162,390	US	UTL	Systems and Methods for Advertising and Monetization in Location Based Spatial Networks	6/16/2011 -	
-	2012/173730	PCT/US2012/038121	WO	UTL	Web Page Layout System and Method for Providing Content Via the Internet	5/16/2012 -	
-	2014-0075293 A1	13/614,965	US	UTL	Generating A Deal Score To Indicate A Relative Value Of An Offer	9/13/2012 -	
-	2013-0159254 A1	13/325,121	US	UTL	Live Advertisement Preview Display and Distribution	12/14/2011 -	
-	2013-0268328 A1	13/442,602	US	UTL	GENERATION OF USER PROFILES BASED ON FUTURE LOCATIONS	4/9/2012 -	
-	2013-0124342 A1	13/294,748	US	UTL	Ranked User Graph for Social Advertisement Targeting	11/11/2011 -	
-	2013-0103496 A1	13/276,328	US	UTL	Linking Newsworthy Events to Published Content	10/19/2011 -	
-	2013-0156096 A1	13/329,070	US	UTL	Social Sharing and Influence Graph System And Method	12/16/2011 -	
8880390	2013-0158981 A1	13/331,215	US	UTL	Social Sharing and Influence Graph System And Method	12/20/2011	11/4/2014
-	-	101138595	TW	UTL	Social Sharing and Influence Graph System And Method	10/19/2012 -	
-	2013-0117364 A1	13/292,968	US	UTL	Social Sharing and Influence Graph System And Method	11/9/2011 -	
-	2013/070365	PCT/US2012/59347	WO	UTL	Social Sharing and Influence Graph System And Method	10/9/2012 -	
-	2013-0110623 A1	13/282,180	US	UTL	Aggregating Data From Multiple Devices Belonging To One User For Directed Ad Targeting	10/26/2011 -	
-	2013-0124326 A1	13/296,236	US	UTL	PROVIDING ADVERTISEMENTS IN AN AUGMENTED REALITY ENVIRONMENT	11/15/2011 -	
-	2013-0132195 A1	13/302,606	US	UTL	METHODS AND SYSTEMS FOR CREATING DYNAMIC USER SEGMENTS BASED ON SOCIAL GRAPHS	11/22/2011 -	
-	2013-0097498 A1	13/271,655	US	UTL	Embedding Non-Blocking Help Components in a Display Page Using Discovery Drawer Feature Cues	10/12/2011 -	
-	2013-0159272 A1	13/327,734	US	UTL	Understanding and Addressing Complex Information Needs	12/15/2011 -	
-	2013-0117127 A1	13/290,915	US	UTL	Contextual Ad Stories	11/7/2011 -	

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-	2013-0275223 A1	13/449,128	US	UTL	Future Ad Targeting	4/17/2012 -
-	-	101124586	TW	UTL	Social Reputation Ads	7/9/2012 -
-	2013-0151345 A1	13/315,026	US	UTL	Social Reputation Ads	12/8/2011 -
-	2013-0159094 A1	13/326,033	US	UTL	Real Time Ad Targeting	12/14/2011 -
-	2013-0275218 A1	13/449,172	US	UTL	Location-Based Wish List	4/17/2012 -
-	2013-0085852-A1	13/252,558	US	UTL	DEAL AND AD TARGETING IN ASSOCIATION WITH EMAILS	10/4/2011 -
-	-	101126568	TW	UTL	Methods and Systems for Facilitating Caching of Advertisements	7/24/2012 -
-	2013-0110643 A1	13/284,129	US	UTL	Methods and Systems for Facilitating Caching of Advertisements	10/28/2011 -
-	2013/095713	PCT/US2012/045846	WO	UTL	Methods and Systems for Facilitating Caching of Advertisements	7/6/2012 -
-	2013-0283151 A1	13/451,813	US	UTL	Dynamic Webpage Image	4/20/2012 -
-	-	15/077,441	US	UTL	Dynamic Webpage Image	3/22/2016 -
-	2013-0246560-A1	13/419,304	US	UTL	Publish-Subscribe Platform for Cloud File Distribution	3/13/2012 -
-	2014-0018136 A1	13/550,189	US	UTL	Providing A Real-World Reward Based On Performance Of Action(S) Indicated By Virtual Card(S) In An Online Card Game	7/16/2012 -
-	-	61/719,882	US	UTL	Systems and Methods for Generating A Dense Graph	10/29/2012 -
-	2014-0118355 A1	14/065,108	US	UTL	Systems and Methods for Generating A Dense Graph	10/28/2013 -
-	2013-0282808 A1	13/452,808	US	UTL	System and Method for Generating Contextual User-Profile Images	4/20/2012 -
-	2013-0198209 A1	13/363,813	US	UTL	Mechanism and Instrumentation for Interest Discovery	2/1/2012 -
-	2014-0244980 A1	13/775,678	US	UTL	Method and System for Dynamic Control of a Multi-Tier Processing System	2/25/2013 -
-	2013-0262243 A1	13/436,735	US	UTL	Socialized Deals & Coupons	3/30/2012 -
-	2013-0227164 A1	13/402,876	US	UTL	METHOD AND SYSTEM FOR DISTRIBUTED LAYER SEVEN TRAFFIC SHAPING AND SCHEDULING	2/23/2012 -
-	2013-0085857 A1	13/249,704	US	UTL	Convenience-Related And Other Metrics In Advertising	9/30/2011 -
8766693	2013-0325462-A1	13/485,159	US	UTL	Automatic Tag Extraction from Audio Annotated Photos	5/31/2012 7/1/2014
-	2014-0114769 A1	13/654,582	US	UTL	Digital Memories for Advertising	10/18/2012 -
-	2013-0246191 A1	13/423,887	US	UTL	BID AGENT POOL	3/19/2012 -
-	2013-0311556 A1	13/475,905	US	UTL	System and Method for Generating Theme Based Dynamic Groups	5/18/2012 -
-	2013-0311258 A1	13/473,337	US	UTL	Differential Deals in a Theme Group	5/18/2012 -
-	2013-0159093 A1	13/331,262	US	UTL	SYSTEMS AND METHODS FOR GENERATING REVENUE BASED ON CUSTOM CLICK TO CALL ADVERTISEMENTS	12/20/2011 -

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-	2013-0290079 A1	13/458,686	US	UTL	Systems and Methods for Insertion of Content into an Email over iMAP	4/27/2012 -
9052782	2013-0159074 A1	13/467,797	US	UTL	Inserting a Search Box into a Mobile Terminal Dialog Messaging Protocol	5/9/2012 6/9/2015
-	2013-0159433-A1	13/490,288	US	UTL	Server-Side Modification of Messages during a Mobile Terminal Message Exchange	6/6/2012 -
-	2015-0220994 A1	14/690,006	US	UTL	Inserting a Search Box into a Mobile Terminal Dialog Messaging Protocol	4/17/2015 -
-	2014-0006408 A1	13/539,144	US	UTL	Identifying Points of Interest Via Social Media	6/29/2012 -
-	2014-0122253 A1	13/664,041	US	UTL	Systems and Methods for Implementing Bid Adjustments in an Online Advertisement Exchange	10/30/2012 -
-	2014-0122221 A1	13/664,088	US	UTL	Optimizing Bidding with Multiple Campaign Types	10/30/2012 -
-	2014-0006141 A1	13/539,271	US	UTL	Methods Incorporating Pacing Constraints For Bidding Online Advertisement Display And Apparatus Conducting The Same	6/29/2012 -
-	2014-0006171 A1	13/539,266	US	UTL	Method Of Offline Experimentation Environment And Apparatus Conducting The Same	6/29/2012 -
-	2014-0006172 A1	13/539,270	US	UTL	Method Of Calculating A Reserve Price For An Auction And Apparatus Conducting The Same	6/29/2012 -
-	2013-0275206 A1	13/444,288	US	UTL	PER COLO DISTRIBUTION IN ONLINE ADVERTISING	4/11/2012 -
-	2013-0325590 A1	13/485,532	US	UTL	CENTRALIZED AND AGGREGATED TRACKING IN ONLINE ADVERTISING PERFORMANCE PREDICTION	5/31/2012 -
-	2013-0254342 A1	13/430,044	US	UTL	Method and System for Edge Server Cache	3/26/2012 -
8676814	2013-0218858 A1	13/398,678	US	UTL	Automatic Face Annotation Of Images Contained In Media Content	2/16/2012 3/18/2014
-	2013-0275611 A1	13/447,876	US	UTL	Method And System Of Dynamic Routing Of Aggregated Online Media Streams	4/18/2012 -
8719285	US-2013-0166578-A1	13/335,491	US	UTL	System and Method for Automatic Presentation of Content-Related Data with Content Presentation	12/22/2011 5/6/2014
-	2013-0218678 A1	13/399,580	US	UTL	Guaranteed Retargeting in Online Advertising	2/17/2012 -
-	2013-0218686 A1	13/398,522	US	UTL	Methods and Systems For Group Offers Within Group Chat	2/16/2012 -
-	-	61/553,815	US	PRV	Methods and Systems for Interactive Rendering of Multimedia Video in Response to Navigation Input	10/31/2011 -
-	2013-0111313 A1	13/662,359	US	UTL	Methods and Systems for Interactive Rendering of Multimedia Video in Response to Navigation Input	10/26/2012 -
-	-	101137618 TW	US	UTL	Method and System for Customizing a Website	10/12/2012 -
-	-	61/546,959	US	PRV	Method and System for Customizing a Website	10/13/2011 -
9268859	2013-0097158 A1	13/647,581	US	UTL	Method and System for Customizing a Web Site	10/9/2012 2/23/2016
-	-	PCT/US12/59637	WO	UTL	Method and System for Customizing a Web Site	10/11/2012 -

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8966876	20130185277	13/353,061	US	UTL	Ecosystem for manually marked searchable feeds on publisher sites	1/18/2012	2/24/2015
-	2013-0211904 A1	13/371,113	US	UTL	GUI That Displays Characteristics of an Advertising Audience Selected By Specifying Targeting Constraints	2/10/2012	-
8869280	2013-0298238 A1	13/462,299	US	UTL	Method And System For Automatic Detection Of Eavesdropping Of An Account Based On Identifiers And Conditions	5/2/2012	10/21/2014
-	2013-0297405 A1	13/462,976	US	UTL	TIME SLICING IN ONLINE ADVERTISING EXPERIMENTATION	5/3/2012	-
-	2014-0358826 A1	13/595,303	US	UTL	COMPOSITE PUBLISHER AUDIENCE PROFILES IN COMPREHENSIVE ADVERTISING	8/27/2012	-
-	2013-0246160 A1	13/421,506	US	UTL	CAMPAIGN MANAGEMENT AND OPTIMIZATION SYSTEM AND METHOD FOR CONDUCTING RANDOMIZED TRIALS ON AD EXCHANGES	3/15/2012	-
-	2013-0326633 A1	13/485,115	US	UTL	Changing for Advertisements Based on An Amount of Time a Page is in Focus	5/31/2012	-
-	2013-0290093 A1	13/458,343	US	UTL	SYSTEM AND METHOD FOR ESTIMATING THE VALUE OF DISPLAY ADVERTISING	4/27/2012	-
-	2013-0266374 A1	13/441,672	US	UTL	Learning Accounts	4/6/2012	-
-	2013-0328406 A1	13/486,874	US	UTL	PERSONALIZED CONTENT FROM INDEXED ARCHIVES	6/1/2012	-
-	2013-0325869 A1	13/486,841	US	UTL	CREATING A CONTEXT INDEX USING DATA ON USER ACTIONS	6/1/2012	-
-	2013-0290223 A1	13/458,545	US	UTL	Method and System for Distributed Machine Learning	4/27/2012	-
-	2014-0201009 A1	13/739,129	US	UTL	Dynamic Pricing for Guaranteed Online Display Advertising	1/11/2013	-
8447730	2014-0006144 A1	13/539,273	US	UTL	Method Of Calculating A Reserve Price For An Auction And Apparatus Conducting The Same	6/29/2012	-
8886603	2013-0232114 A1	13/363,148	US	UTL	Probe System For Replication Monitoring	1/31/2012	5/21/2013
1513235	201408007	13/864,877	US	UTL	Probe System For Replication Monitoring	4/17/2013	11/11/2014
8868249	2013-0318172 A1	102116026	TW	UTL	Method and system for email sequence identification	5/6/2013	12/11/2015
-	-	13/479,790	US	UTL	Method and System for Email Sequence Identification	5/24/2012	10/7/2014
-	-	PCT/US2013/38578	WO	UTL	METHOD AND SYSTEM FOR EMAIL SEQUENCE IDENTIFICATION	4/29/2013	-
-	-	61/568,056	US	PRV	System and Method for Developing Web Based Applications	12/7/2011	-
-	2013-0152066 A1	13/437,462	US	UTL	Development and Hosting for Platform Independent Applications	4/2/2012	-
9235398	20130152067	13/437,494	US	UTL	Development of Platform Independent Applications	4/2/2012	1/12/2016

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9158520	2013-0152072 A1	13/550,914	US	UTL	Development of Platform Independent Applications Deployment and Hosting of Platform Independent Applications	7/17/2012	10/13/2015
9268546	2013-0263112 A1	13/729,162	US	UTL	Deployment and Hosting of Platform Independent Applications	12/28/2012	2/23/2016
-	20130151595	13/719,515	US	UTL	Deployment and Hosting of Platform Independent Applications	12/19/2012	-
9197720	2013-0151594 A1	13/719,437	US	UTL	Applications	12/19/2012	11/24/2015
-	2016-0011864 A1	14/821,849	US	UTL	Development of Platform Independent Applications Development and Hosting for Platform Independent Applications	8/10/2015	-
-	WO2013/085674	PCT/US12/064786 2853813 CA	WO	UTL	Context Relevant Interactive Television Cold Row Encapsulation For Server Farm Cooling System	11/13/2012	-
-	103605412 A	201310504508	CN	UTL	Context Relevant Interactive Television	3/31/2010	-
-	2788585	12852496 EP	EP	UTL	Context Relevant Interactive Television	11/28/2012	-
-	1197957	14111501 HK	HK	UTL	Context Relevant Interactive Television	11/28/2012	-
-	-	61/584,291	US	PRV	Context Relevant Interactive Television	11/28/2011	-
-	2013-0139209-A1	13/475,910	US	UTL	Context Relevant Interactive Television	5/18/2012	-
-	WO 2013/082199	PCT/US12/66908	WO	UTL	Context Relevant Interactive Television	11/28/2012	-
8990341	2013-0227057 A1	13/408,510	US	UTL	System For Tracking Diffusion	2/29/2012	3/24/2015
9100436	2015-0163193 A1	14/622,170	US	UTL	System for Tracking Diffusion	2/13/2015	8/4/2015
9100286	2015-0156086 A1	14/622,204	US	UTL	System for Tracking Diffusion	2/13/2015	8/4/2015
-	2015-0295795 A1	14/750,621	US	UTL	System for Tracking Diffusion Techniques For Organizing And Presenting Deal Content	6/25/2015	-
-	2015-0100437 A1	13/814,714	US	UTL	METHOD AND SYSTEM FOR ORGANIZING AND PRESENTING DEAL CONTENT	2/6/2013	-
-	WO 2014/000131	PCT/CN2012/000905	WO	UTL	Systems and Methods for Optimization-Aware Delivery Pacing Adjustment in Advertisement Serving	6/29/2012	-
-	2013-0246161 A1	13/423,025	US	UTL	-	3/16/2012	-
-	2015-0100877 A1	13/696,774	US	UTL	Method or System for Automated Extraction of Hyper-Local Events from One or More Web Pages	11/1/2012	-
-	2013-0311163 A1	13/473,034	US	UTL	MEDIA RECOMMENDATION USING INTERNET MEDIA STREAM MODELING	5/18/2012	-
8996305	US 2013-0332068 A1	13/490,524	US	UTL	System and method for discovering photograph hotspots	6/7/2012	3/31/2015
-	2014-0074856 A1	13/606,596	US	UTL	Social Content Suggestions Based on Connections	9/7/2012	-
9111291	2013-0339137-A1	13/526,693	US	UTL	System and method for providing sponsored applications in email	6/19/2012	8/16/2015
-	2013-0276041 A1	13/448,407	US	UTL	METHOD AND SYSTEM FOR PROVIDING CONTEXTUAL INFORMATION DURING VIDEO BUFFERING	4/17/2012	-

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					METHOD AND SYSTEM FOR PROVIDING TEMPORAL SEARCH SUGGESTIONS IN REAL- TIME	
-	2013-0275453 A1	13/446,399	US	UTL		4/17/2012 -
9202232	2013-0262225 A1	13/437,512	US	UTL	Cross-Screen Advertising Campaign Sequencing Providing offers to users in a social networking system based on compatibility of the users with the offers	4/2/2012 12/1/2015
-	2014-0067544 A1	13/597,059	US	UTL	Sell Through Rate Evaluation Framework for Pricing Inventory Profiles in Advertising Systems	8/28/2012 -
-	2014-0068830 A1	13/590,475	US	UTL	Pricing Engine Revenue Evaluation	8/21/2012 -
8612274	2013-0290069 A1	13/460,502	US	UTL	Pricing Engine Revenue Evaluation	4/30/2012 12/17/2013
-	2014-0081743 A1	14/078,203	US	UTL	Pricing Engine Revenue Evaluation	11/12/2013 -
-	2013-0325601 A1	13/488,542	US	UTL	System For Providing Content	6/5/2012 -
9092757	2013-0304686 A1	13/467,438	US	UTL	Methods and systems for personalizing user experience based on attitude prediction	6/9/2012 7/28/2015
-	-	102134711 TW	US	UTL	Method of Second Price Auction with Monopoly Reserve Price and Apparatus Conducting the Same	9/26/2013 -
-	2014-0095323 A1	13/629,968	US	UTL	Method of Second Price Auction with Monopoly Reserve Price and Apparatus Conducting The Same	9/28/2012 -
-	US 2013-0339126 A1	13/495,614	US	UTL	Campaign Performance Forecasting For Non- Guaranteed Delivery Advertising	6/13/2012 -
-	2013-0275418 A1	13/448,409	US	UTL	METHOD AND SYSTEM FOR UPDATING A BACKGROUND PICTURE OF A WEB SEARCH RESULTS PAGE FOR DIFFERENT SEARCH QUERIES	4/17/2012 -
8862610	2013-0275456 A1	13/446,679	US	UTL	Method and System for Content Search	4/13/2012 10/14/2014
-	2013-0297406 A1	13/464,378	US	UTL	Matching Criteria Selection to Scale Online Experiments	5/4/2012 -
-	2013-0253993 A1	13/427,554	US	UTL	Systems And Methods For Micro-Payments And Donations	3/22/2012 -
-	2013-0325589 A1	13/483,948	US	UTL	Using Advertising Campaign Allocation Optimization Results to Calculate Bids	5/30/2012 -
8924799	2013-0275819 A1	13/447,301	US	UTL	Method and System for Providing a Predeline Content to a User	4/16/2012 12/30/2014
-	2014-0109077 A1	13/653,180	US	UTL	Methods and Systems for Package Management	10/16/2012 -
8837182	2014-0109115 A1	13/653,198	US	UTL	Hybrid Applications	10/16/2012 11/11/2014
-	104169961 A	201380015782	CN	UTL	Systems And Methods To Suggest Travel Itineraries Based On Users' Current Location	3/12/2013 -
-	2831634	13/769,250	EP	UTL	Systems And Methods To Suggest Travel Itineraries Based On Users' Current Location	3/12/2013 -
-	1201967	15102399	HK	UTL	Time Traveler Flickr Algorithm	3/12/2013 -
1491850	201406995	102110207	TW	UTL	Systems and methods to suggest travel itineraries based on users' current location	3/22/2013 7/11/2015

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8818715	2013-0261957 A1	13/434,074	US	UTL	Systems And Methods To Suggest Travel Itineraries Based On Users' Current Location Systems And Methods To Suggest Travel Itineraries Based On Users' Current Location Method and System for Detecting Users' Emotions when Experiencing a Media Program Response Completion in Social Media	3/29/2012	8/26/2014
-	-	PCT/US2013/030429	WO	UTL	RELATIVE EXPERTISE SCORES AND RECOMMENDATIONS	3/12/2013 -	-
9251406	2013-0345840 A1	13/528,427	US	UTL	Sponsored applications	6/20/2012	2/2/2016
-	2014-0019117 A1	13/547,930	US	UTL	Sponsored Applications	7/12/2012 -	-
-	2013-0325779 A1	13/483,857	US	UTL	Sponsored Applications	5/30/2012 -	-
-	201411522	102119751 TW	US	UTL	Sponsored Applications	6/4/2013 -	-
-	2013-0325594 A1	13/488,671	US	UTL	Sponsored Applications	6/5/2012 -	-
-	WO 2013/184696	PCT/US2013/044135	WO	UTL	METHOD AND SYSTEM FOR PROVIDING PERSONALIZED REVIEWS TO A USER	6/4/2013 -	-
-	2013-0311395 A1	13/473,607	US	UTL	Snapshot Generation For Search Results Page Preview	5/17/2012 -	-
9218419	2013-0283140 A1	13/452,985	US	UTL	Dynamic Network Task Distribution	4/23/2012	12/22/2015
-	2013-0283097 A1	13/452,998	US	UTL	Snapshot Refreshment for Search Results Page Preview	4/23/2012 -	-
-	2013-0283137 A1	13/453,007	US	UTL	METHODS AND SYSTEMS FOR MAKING OFFERS BASED ON CONSUMERS' PRICE DISCRIMINATION	4/23/2012 -	-
-	2013-0332301 A1	13/490,176	US	UTL	Multimedia Features For Click Prediction Of New Advertisements	6/6/2012 -	-
-	2013-0346182 A1	13/528,484	US	UTL	System and Method for Identifying Abusive Account Registration	6/20/2012 -	-
8862624	2014-0040170-A1	13/564,378	US	UTL	System and method for identifying abusive account registration	8/1/2012	10/14/2014
-	2014-0344929 A1	14/450,974	US	UTL	Automatic Updating of Trust Networks in Recommender System	8/4/2014 -	-
-	2013-0097184 A1	13/709,784	US	UTL	Systems And Methods For Micro-Payments And Donations	12/10/2012 -	-
-	2013-0253994 A1	13/448,883	US	UTL	Method and System for Search Suggestion	4/17/2012 -	-
-	2013-0282682 A1	13/449,563	US	UTL	Method and System for Displaying Search Results	4/18/2012 -	-
-	2013-0283203 A1	13/454,185	US	UTL	METHODS AND SYSTEMS FOR DETERMINING THE EFFECT OF A HOST ON NETWORK LATENCY WHILE DELIVERING ONLINE ADS	4/24/2012 -	-
8667133	2014-0040455-A1	13/565,531	US	UTL	METHOD AND SYSTEM FOR MINING TRENDS AROUND TRENDING TERMS	8/2/2012	3/4/2014
-	2013-0398354 A1	13/517,603	US	UTL	METHOD, SYSTEM AND COMPUTER READABLE NON-TRANSITORY STORAGE MEDIUM FOR CONTINUOUS CONTENT IDENTIFICATION OF BROADCAST CONTENT	6/14/2012 -	-
-	201401090	102113737 TW	US	UTL	Continuous Content Identification of Broadcast Content	4/18/2013 -	-
-	2013-0290502 A1	13/460,684	US	UTL	-	4/30/2012 -	-

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-	2013/165664	PCT/US2013/35941	WO	UTL	CONTINUOUS CONTENT IDENTIFICATION OF BROADCAST CONTENT	4/10/2013 -
9177066	2013-0339342 A1	13/517,606	US	UTL	Method and System for Displaying Comments Associated With A Query	6/14/2012 - 11/3/2015
-	2013-0282709 A1	13/449,748	US	UTL	METHOD AND SYSTEM FOR QUERY SUGGESTION	4/18/2012 -
-	2014-0032305 A1	13/561,848	US	UTL	Inventory Contribution Rules For Inventory Management	7/30/2012 -
9100362	2014-0012906 A1	13/543,119	US	UTL	Peer-to-peer architecture for Web Traffic Management	7/6/2012 - 8/4/2015
-	-	14/816,965	US	UTL	Peer-to-peer architecture for Web Traffic Management	8/3/2015 -
-	2014-0025506 A1	13/555,625	US	UTL	METHODS AND SYSTEMS FOR PROVIDING ADDITIONAL ADVERTISING INFORMATION TO A USER	7/23/2012 -
-	2014-0006349 A1	13/536,551	US	UTL	Index Replication In Distributed Search Engines	6/28/2012 -
-	2013-0282749 A1	13/453,018	US	UTL	Instant Search Results With Page Previews	4/23/2012 -
8996530	2013-0290339 A1	13/458,750	US	UTL	User Modeling For Personalized Generalized Content Recommendations	4/27/2012 - 3/31/2015
-	2013-0290905 A1	13/459,009	US	UTL	Avatars For Use With Personalized Generalized Content Recommendations	4/27/2012 -
-	2013-0346192 A1	13/527,606	US	UTL	METHOD AND SYSTEM FOR DISPLAYING A THEME BASED ADVERTISEMENT ON A SEARCH BOX	6/20/2012 -
-	2013-0325838 A1	13/488,513	US	UTL	Method and System for Presenting Query Results	6/5/2012 -
-	2014-0052507 A1	13/588,813	US	UTL	METHODS AND SYSTEMS FOR TARGETING MOBILE DEVICES DURING CHARGING	8/17/2012 -
9117250	2014-0067817 A1	13/599,590	US	UTL	METHODS AND SYSTEMS FOR RECOMMENDING SOCIAL NETWORK CONNECTIONS	8/30/2012 - 8/25/2015
9015502	2014-0019779 A1	13/548,398	US	UTL	A system and method for automatically determining an optimal power cap value	7/13/2012 - 4/21/2015
-	2014-0136596 A1	13/673,720	US	UTL	Method and System for Capturing Audio of a Video to Display Supplemental Content Associated with the Video	11/9/2012 -
-	2014-0025490 A1	13/550,703	US	UTL	Automated Recommendations Based On Historic Location-Preference Information	7/17/2012 -
-	-	14/755,037	US	UTL	Automated Recommendations Based On Historic Location-Preference Information	6/30/2015 -
9147000	2014-0006399 A1	13/537,423	US	UTL	Method and System for Recommending Websites	6/29/2012 - 9/29/2015
-	2014-0026066 A1	13/555,723	US	UTL	User Interaction-Based Website Optimization	7/23/2012 -
9223861	2013-0304741 A1	13/468,320	US	UTL	Method and System for Automatic Assignment of Identifiers to a Graph of Entities	5/10/2012 - 12/29/2015

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9031943	2013-0301874 A1	13/470,397	US	UTL	Method and System for Realtime De-Duplication of Objects in an Entity-Relationship Graph	5/14/2012 - 5/12/2015
-	-	102128805 TW	US	UTL	Multiscreen Adaptive Rich Media Advertisements	8/9/2013 - 8/14/2012
-	2014-0052546 A1	13/535,374	US	UTL	Online Techniques For Providing Offers Based On Social Activity	10/18/2012 - 7/20/2012
-	2014-0114770 A1	13/655,244	US	UTL	Custom retargeting description language	10/31/2012 - 7/8/2012
-	2014-0025493 A1	13/555,018	US	UTL	User Displays Using N-way Paginated Merge of Information from Diverse Sources	11/26/2012 - 12/21/2012
-	2014-0123001 A1	13/664,719	US	UTL	METHOD AND SYSTEM FOR VISUALIZING PATTERNS DURING INTERNET BROWSING	12/21/2012 - 12/21/2012
-	2014-0013250 A1	13/543,868	US	UTL	Feature Rich View of an Entity Subgraph	12/21/2012 - 12/21/2012
-	2014-0149465 A1	13/665,366	US	UTL	Identify Workflow That Utilizes Multiple Storage Engines to Support Various Lifecycles	12/21/2012 - 12/21/2012
-	2014-0181104 A1	13/725,729	US	UTL	Method and System for Reducing Network Latency User Behavior Models Based On Source Domain	8/30/2012 - 12/28/2012
-	2014-0067896 A1	13/598,869	US	UTL	Jabba language	12/28/2012 - 3/15/2013
-	2014-0189525 A1	13/730,305	US	UTL	Jabba-Type Contextual Tagger	3/15/2013 - 3/15/2013
-	2014-0282393 A1	13/642,826	US	UTL	Machine for Recognizing or Generating Jabba-Type Sequences	3/15/2013 - 2/16/2016
-	2014-0279804 A1	13/843,292	US	UTL	Methods and systems for using voice input in display advertisements	10/16/2012 - 3/15/2013
9195940	2014-0108144 A1	13/653,203	US	UTL	Jabba-Type Override for Correcting or Improving Output of a Model	3/15/2013 - 11/24/2015
9268809	2014-0358847 A1	13/844,013	US	UTL	Method and System for Document Update Writing Data From Hadoop to Off Grid Storage	5/29/2013 - 2/23/2015
-	2014-0115282 A1	13/656,510	US	UTL	Method and System for Improved Language Identification Using Language Tags	10/19/2012 - 10/31/2012
-	2014-0122055 A1	13/684,561	US	UTL	Navigation Bridge	11/6/2012 - 9/15/2015
9135589	2014-0129964 A1	13/669,899	US	UTL	Navigation Bridge	7/28/2015 - 11/28/2012
-	-	14/811,250	US	UTL	Method and system for providing audio assistance for non-visual navigation of data	11/28/2012 - 3/15/2013
9235890	2014-0149868 A1	13/686,926	US	UTL	Identifying Regions Characterized By Labeled Measurements	3/15/2013 - 11/2/2016
-	2014-0270622 A1	13/844,760	US	UTL	Identifying Regions Characterized By Labeled Measurements	11/30/2015 - 12/10/2012
-	-	14/954,541	US	UTL	Systems and Methods For Personalized Offline Mobile Advertising	11/7/2012 - 8/11/2015
9104497	2014-0164101 A1	13/709,616	US	UTL	Method and System for Work Load Balancing Customized Shortcuts for Resource Browsing	10/18/2012 - 11/26/2012
-	2014-0115539 A1	13/654,812	US	UTL	Method and Apparatus	11/26/2012 - 7/18/2013
-	2014-0148380 A1	13/635,468	US	UTL	Processing at Distributed Processing Nodes Real Time Advertising Campaigns Utilizing Streaming Analytics Engines	7/18/2013 - 7/18/2013
-	-	13/945,732	US	UTL		

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-	2014-0122225 A1	13/653,192	US	UTL	Advertiser Driven Engagement for Product Searches	10/29/2012 -
-	104704446 A	201360051478	CN	UTL	Multimode Distribution Systems and Methods for Providing Power from Power Sources to Power Consuming Devices	5/30/2013 -
-	-	13845418	EP	UTL	Multimode Distribution Systems and Methods for Providing Power from Power Sources to Power Consuming Devices	5/30/2013 -
-	-	15110537	HK	UTL	Multimode Distribution Systems and Methods for Providing Power from Power Sources to Power Consuming Devices	5/30/2013 -
-	-	102121056	TW	UTL	Multimode Distribution Systems and Methods for Providing Power from Power Sources to Power Consuming Devices	6/14/2013 -
9136707	2014-0097684 A1	13/648,179	US	UTL	Multimode Distribution Systems and Methods for Providing Power from Power Sources to Power Consuming Devices	10/9/2012 9/15/2015
-	-	14/839,819	US	UTL	Multimode Distribution Systems and Methods for Providing Power from Power Sources to Power Consuming Devices	8/28/2015 -
-	-	PCT/US13/43479	WO	UTL	Methods and Systems for Targeting Users with Audio Advertisements	5/30/2013 -
-	2014-0164139 A1	13/712,458	US	UTL	Identifying Time-Sensitive Ambiguous Queries	12/12/2012 -
-	2014-0250118 A1	13/782,653	US	UTL	Method and System for Providing Tokenless Secure Login by Visual Cryptography	3/1/2013 -
-	2014-0136836 A1	13/677,309	US	UTL	Virtual Wall for Writings Associated With Landmarks	11/15/2012 -
-	2014-0156787 A1	13/705,786	US	UTL	Method and System for Remote Altering Static Video Content in Real Time	12/5/2012 -
-	2014-0129729 A1	13/669,444	US	UTL	Capturing Value Of A Unit Of Content	11/6/2012 -
-	2014-0129364 A1	13/672,444	US	UTL	Visible Personalization	11/8/2012 -
8903778	2014-0108425 A1	13/653,582	US	UTL	Method and System for Maintaining Data in a Data Storage System	10/17/2012 12/2/2014
-	2014-0114993 A1	13/657,143	US	UTL	Display of Location-Related Promotional Message with Search Query Results	10/22/2012 -
-	2014-0108447 A1	13/651,262	US	UTL	Finger expressions for touch screens	10/12/2012 -
-	20140247237A1	13/782,273	US	UTL	Finger expressions for touch screens	2/22/2013 -
-	2014/127493	PCT/CN2013/000177	WO	UTL	Finger expression for touch screens	3/1/2013 -
-	2014-0032537 A1	13/562,311	US	UTL	Apparatus, System, and Method for Music Identification	2/22/2013 -
-	2014-0172583 A1	13/713,617	US	UTL	Methods and Systems for Displaying Sponsored Content from Third Party Networks	7/30/2012 -
-	2014-0180836 A1	13/724,793	US	UTL	CONTEXTUAL CONTENT TARGETING	12/13/2012 -
-	-	-	-	-	-	12/21/2012 -

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8890518	2014-0122469 A1	13/662,159	US	UTL	Ranking Products Using Purchase Day Based Time Windows	10/26/2012	11/4/2014
-	2014-0278929 A1	13/834,939	US	UTL	System and Method Identifying Opportunities for Advertising Entities Based on User Goal Achievement	3/15/2013 -	
-	2014-0164094 A1	13/707,129	US	UTL	Precise Targeted Promotional Offers	12/6/2012 -	
-	2014-0122194 A1	13/666,466	US	UTL	Cross-Platform Targeting	11/1/2012 -	
9087070	2014-0214779 A1	13/755,692	US	UTL	System and Method for Applying an Efficient Data Compression Scheme to URL Parameters	1/31/2013	7/21/2015
-	2015-0324385 A1	14/795,408	US	UTL	System And Method For Applying An Efficient Data Compression Scheme To URL Parameters	7/9/2015 -	
-	2014-0180831 A1	13/727,210	US	UTL	System for Determining Fees for Online Ad Impact Systems and Methods Relating to Ad/Content Targeting for Map Route Options Based on Personalization and User Data	12/26/2012 -	
-	2014-0195154 A1	13/736,625	US	UTL	Systems and Methods Relating To Design of Mobile Applications for Display Ads on a Larger Screen Space	1/8/2013 -	
-	2014-0192088 A1	13/735,680	US	UTL	Atmospheric Cooling of Servers in a Data Center	1/7/2013 -	
-	-	2014233427 AU	BR	UTL	Atmospheric Cooling of Servers in a Data Center	3/14/2014 -	
-	-	BR1120150022332-0	CA	UTL	Atmospheric Cooling of Servers in a Data Center	3/14/2014 -	
-	-	2903148 CA	CH	UTL	Atmospheric Cooling of Servers in a Data Center	3/14/2014 -	
-	-	-	CH	UTL	Atmospheric Cooling of Servers in a Data Center	-	
-	104281961 A	201410289005 CN	DE	UTL	Quality Scoring System For Advertisements and Content in An Online System	6/24/2014 -	
-	-	-	DE	UTL	Atmospheric Cooling of Servers in a Data Center	-	
-	2374575	14764272 EP	FR	UTL	Atmospheric Cooling of Servers in a Data Center	3/14/2014 -	
-	-	-	FR	UTL	Atmospheric Cooling of Servers in a Data Center	-	
-	-	-	GB	UTL	Atmospheric Cooling of Servers in a Data Center	-	
-	-	-	HK	UTL	Atmospheric Cooling of Servers in a Data Center	-	
-	-	-	IE	UTL	Atmospheric Cooling of Servers in a Data Center	-	
-	-	241389 IL	IN	UTL	Atmospheric Cooling of Servers in a Data Center	3/14/2014 -	
-	-	5178/CHENP/2015	JP	UTL	Atmospheric Cooling of Servers in a Data Center	3/14/2014 -	
-	-	2016-503194	KR	UTL	Atmospheric Cooling of Servers in a Data Center	3/14/2014 -	
-	-	10-2015-7027177	MY	UTL	Atmospheric Cooling of Servers in a Data Center	3/14/2014 -	
-	-	PI 2015002228	NL	UTL	Atmospheric Cooling of Servers in a Data Center	-	
-	-	-	RU	UTL	Atmospheric Cooling of Servers in a Data Center	3/14/2014 -	
-	-	2015139062 RU	SG	UTL	Atmospheric Cooling of Servers in a Data Center	3/14/2014 -	
-	-	11201507314P	TW	UTL	Atmospheric Cooling of Servers in a Data Center	3/14/2014 -	
-	-	103109374	US	PRV	Atmospheric Cooling of Servers in a Data Center	3/15/2013 -	
-	-	61/800,707	US	UTL	Atmospheric Cooling of Servers in a Data Center	3/13/2014 -	
-	-	14/210,171	WO	UTL	Atmospheric Cooling of Servers in a Data Center	3/14/2014 -	
-	-	PCT/US2014/029684	US	UTL	Enhanced Shared Screen Experiences for Concurrent Users	2/13/2013 -	
-	2014-0229289 A1	13/766,553	US	UTL			

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-	2014-0372210	13/920,821	US	UTL	METHOD AND SYSTEM FOR SERVING ADVERTISEMENTS RELATED TO SEGMENTS OF A MEDIA PROGRAM	6/18/2013 -
-	2015-0039360 A1	13/956,178	US	UTL	Dependency Management for Enterprise Computing	7/31/2013 -
-	2014-0258890 A1	13/791,401	US	UTL	Systems and Methods For Altering User Interaction with Content Based on User Interest	3/8/2013 -
-	201423640	102132539 TW	TW	UTL	Interactive Reveal Ad Unit	9/10/2013 -
-	61/707,812	102132539 TW	US	PRV	Interactive Reveal Ad Unit	9/28/2012 -
-	2014-0095328 A1	13/792,589	US	UTL	Interactive Reveal Ad Unit	3/11/2013 -
-	2014-0095329 A1	13/830,551	US	UTL	Open Canvas Advertising Unit	3/14/2013 -
-	PCT/US2013/57971		WO	UTL	Interactive Reveal Ad Unit	9/4/2013 -
-	104/CHE/2013		IN	UTL	Method and System for Event State Management in Stream Processing	3/12/2013 -
-	2014-0280766 A1	13/921,862	US	UTL	Method and System for Event State Management in Stream Processing	8/19/2013 -
-	2015-0172369 A1	14/109,169	US	UTL	Method and System for Iterative Pipeline	12/17/2013 -
-	2015-0195344 A1	14/151,277	US	UTL	Method and System for a Scheduled Map Executor	1/9/2014 -
-	2014-0259045 A1	14/095,747	US	UTL	Video Advertisement Wall	12/3/2013 -
-	2014-0250457 A1	13/782,786	US	UTL	Video analysis system	3/1/2013 -
-	13/898,789		US	UTL	Dynamic Modification of A Parameter of An Image Based on User Interest	5/21/2013 -
-	2014-0272849 A1	13/835,689	US	UTL	System and Method Providing Positive Social and Economic Motivators for Goal Achievement	3/15/2013 -
-	14/368,890		US	UTL	Method and System for Dynamic Content Pre-Caching	6/26/2014 -
-	2014/194441	PCT/CN2013/00676	WO	UTL	Method and System for Dynamic Content Pre-Caching	6/6/2013 -
-	2015-0331575 A1	14/343,966	US	UTL	Method and System for Intent Centric Multi-Facet Content Presentation	3/10/2014 -
-	2014/139053	PCT/CN2013/00288	WO	UTL	METHOD AND SYSTEM FOR INTENT CENTRIC MULTI-FACET CONTENT PRESENTATION	3/15/2013 -
-	2015-0319224 A1	14/344,185	US	UTL	Method and System for Presenting Personalized Content	3/11/2014 -
-	2014/139058	PCT/CN2013/00303	WO	UTL	Method and System for Presenting Personalized Content	3/15/2013 -
-	2015-0289613 A1	14/344,145	US	UTL	Network-Adaptive Ad Modality Selection	3/11/2014 -
-	2014/139052	PCT/CN2013/00297	WO	UTL	NETWORK-ADAPTIVE AD MODALITY SELECTION	3/15/2013 -
-	2015-0213615 A1	14/367,128	US	UTL	Method and System for Online Content Match Advertising	6/19/2014 -
-	2014/201582	PCT/CN2013/00708	WO	UTL	Method and System for Online Content Match Advertising	6/17/2013 -
-	2015-0302088 A1	14/344,100	US	UTL	Method and System for Providing Personalized Content	3/11/2014 -

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-	2014/139057	PCT/CN2013/00302	WO	UTL	METHOD AND SYSTEM FOR PROVIDING PERSONALIZED CONTENT	3/15/2013 -
-	2014-0262522 A1	13/844,711	US	UTL	Activity Initiated Virtual Machine Migration	3/15/2013 -
-	2014-0304067 A1	13/859,408	US	UTL	DETECTING PROHIBITED DATA USE IN AUCTION-BASED ONLINE ADVERTISING	4/9/2013 -
-	2014-0337356 A1	13/889,866	US	UTL	Identifying Communities Within A Social Network Based on Information Propagation Data	5/8/2013 -
9047147	2014-0373030-A1	13/920,174	US	UTL	Method and System for Recording and Replaying User Sessions in Browser Based Applications	6/18/2013 - 6/2/2015
-	2014-0279036 A1	13/796,217	US	UTL	AD Targeting System	3/12/2013 -
-	2014-0359479 A1	13/903,669	US	UTL	SYSTEMS AND METHODS FOR AUTO-ADJUST POSITIONING OF PREFERRED CONTENT FOR INCREASED CLICK AND CONVERSION RATES	5/28/2013 -
9189805	2014-0372229 A1	13/920,212	US	UTL	Method And System For Automatically Pausing Advertisements Based on User Attention	6/18/2013 - 11/17/2015
-	-	14/942,608	US	UTL	Method and System for Automatically Pausing Advertisements Based on User Attention	11/16/2015 -
-	2014-0358720 A1	13/906,589	US	UTL	Method and Apparatus to Build Flowcharts for E-Shopping Recommendations	5/31/2013 -
-	-	-	-	-	METHOD AND SYSTEM FOR DISPLAYING CONTENT RELATING TO A SUBJECT MATTER OF A DISPLAYED MEDIA PROGRAM	5/10/2013 -
8965809	2014-0181084 A1	13/691,864	US	UTL	Type-Ahead Search Optimization	12/24/2012 - 2/24/2015
-	2014-0279186 A1	13/726,449	US	UTL	Digital Wardrobe with Recommender System	3/13/2013 -
-	2014-0316884 A1	13/799,462	US	UTL	Interactive Advertising System	4/22/2013 -
-	2014-0297401 A1	13/867,827	US	UTL	SHAPING ALLOCATIONS IN SEARCH ADVERTISING AUCTIONS	3/27/2013 -
-	2014-0282137 A1	13/851,753	US	UTL	Automatically Fitting a Wearable Object	3/12/2013 -
-	2015-0088990 A1	13/796,757	US	UTL	Cache Refreshing for Online Social Newsfeeds	9/26/2013 -
-	-	14/038,727	US	UTL	Systems and Methods for Instant E-Coupon Distribution	4/25/2014 -
-	-	103114938 TW	TW	UTL	Systems and Methods for Instant E-Coupon Distribution	4/29/2013 -
-	-	13/872,754	US	UTL	Systems And Methods For Instant E-Coupon Distribution	4/17/2014 -
-	2014/179082	PCT/US2014/34466	WO	UTL	System and Method for Automatically Suggesting Diverse and Personalized Message Completions	8/22/2013 - 10/13/2015
9161188	2015-0058720 A1	13/973,175	US	UTL	System and Method for Automatically Suggesting Diverse and Personalized Message Completions	10/12/2015 -
-	-	14/860,579	US	UTL	Enhancing Network Security	8/15/2013 - 11/24/2015
9197607	2015-0052586 A1	13/968,314	US	UTL	METHOD AND SYSTEM FOR PROVIDING CONTENT WITH A USER INTERFACE	12/23/2014 -
-	-	14/410,662	US	UTL	METHOD AND SYSTEM FOR PROVIDING CONTENT WITH A USER INTERFACE	6/5/2013 -
-	2014/194440	PCT/CN2013/000673	WO	UTL	-	-

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-	-	14/022,069	US	UTL	System And Method For Reconciling Transactional And Non-Transactional Operations In Key-Value Stores	9/9/2013 -
9058666	2014-0270525 A1	13/844,637	US	UTL	Forming Regions Characterized by Labeled Measurements	3/15/2013 - 6/16/2015
-	2014-0337132 A1	13/888,961	US	UTL	DYNAMIC TEXT REPLACEMENT IN E-BOOKS FOR ADVERTISING	5/7/2013 -
-	2014-0337116-A1	13/891,904	US	UTL	MARKETING TECHNIQUE TO NEGOTIATE PRICE OF PRODUCT	5/10/2013 -
-	2014-0344060 A1	13/896,006	US	UTL	System and Method For Targeting User Interests Based on Mobile Call Logs	5/16/2013 -
-	2014-0337169-A1	13/889,032	US	UTL	ONLINE AND OFFLINE COLLABORATION ASSOCIATED WITH SHOPPING AND PURCHASING	5/7/2013 -
-	2015-0012811 A1	13/935,514	US	UTL	Interactive sitemap with user footprints	7/4/2013 -
-	2015-0113091 A1	14/061,515	US	UTL	Masterless Cache Replication	10/23/2013 -
-	-	13/953,870	US	UTL	SYSTEM AND METHOD FOR SOCIAL DISPLAY ADVERTISEMENTS	7/30/2013 -
-	2015-0033141 A1	13/950,067	US	UTL	SYSTEM AND METHOD FOR PROVIDING AN INTERACTIVE MESSAGE INBOX	7/24/2013 -
-	2015-0007289 A1	13/927,493	US	UTL	Motion-Based Human Verification System and Method	6/26/2013 -
9191788	2015-0057035 A1	13/973,430	US	UTL	System and method for Contextual Social Messaging	8/22/2013 - 11/17/2015
-	-	201410658175 CN	UTL	UTL	User Engagement-Based Contextually-Dependent Automated Picking for Non-Guaranteed Delivery	11/18/2014 -
-	2951711	147633965 EP	UTL	UTL	Display Time of a Web Page	3/14/2014 -
-	-	103108974 TW	UTL	UTL	Display Time of a Web Page	3/13/2014 -
-	2014-0281858 A1	13/843,433	US	UTL	Display Time of a Web Page	3/15/2013 -
9146942	2015-0052500 A1	13/967,852	US	UTL	Display Time of a Web Page	3/14/2014 -
-	2015-0019474 A1	13/938,718	US	UTL	Testing Computer-Implementable Instructions Influence Maximization with Viral Product Design	8/15/2013 - 9/29/2015
-	2015-0052126 A1	13/969,920	US	UTL	Method and System for Recommending Relevant Web Content to Second Screen Application Users	8/19/2013 -
-	2015-0038114 A1	13/958,620	US	UTL	Methods and System for Device Authentication	8/2/2013 -
-	2014-0278952 A1	13/844,518	US	UTL	Online Advertisement Push Delivery	3/15/2013 -
-	2014-0279071 A1	13/844,594	US	UTL	Online Advertising Dashboard	3/15/2013 -
-	2014-0279070 A1	13/844,439	US	UTL	Online Advertisement Real-Time Update.	3/15/2013 -
-	2015-0033194 A1	13/951,339	US	UTL	Multi-Finger User Identification	7/25/2013 -
9171000	2014-0279736 A1	13/833,430	US	UTL	Method and System for Mapping Short Term Ranking Optimization Objective to Long Term Engagement	3/15/2013 - 10/27/2015
-	2014-0280251 A1	14/123,321	US	UTL	Almost online large scale collaborative filtering based recommendation system	12/2/2013 -

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-	-	PCT/US13/32416	WO	UTL	Almost Online Large Scale Collaborative Filtering Based Recommendation System Method and System for Discovery of User Unknown Interests	3/15/2013 -
-	-	103109366 TW	UTL	UTL	Method and System for Discovery of User Unknown Interests	3/14/2014 -
-	9270767 2014-0280548 A1	13/835,745	US	UTL	Method and System for Discovery of Unknown User Interests	3/15/2013 - 2/23/2016
-	-	PCT/US2014/02149	WO	UTL	Social Media Based Content Selection System	3/6/2014 -
-	2015-0310018 A1	14/344,759	US	UTL	SOCIAL MEDIA BASED CONTENT SELECTION SYSTEM	3/13/2014 -
-	2014/139055	PCT/CN2013/00300	WO	UTL	Social Media Based Content Selection System	3/15/2013 -
-	-	14/343,931	US	UTL	SOCIAL MEDIA BASED CONTENT SELECTION SYSTEM	3/10/2014 -
-	2014/139056	PCT/CN2013/00301	WO	UTL	Method and System for Dynamic Discovery and Adaptive Crawling of Content From the Internet	3/15/2013 -
-	2014-0280554 A1	13/838,046	US	UTL	Dynamic discovery and adaptive crawling of content from the web for content recommendation	-
-	-	-	WO	UTL	Efficient and fault-tolerant distributed algorithm for learning latent factor models through matrix factorization	-
-	2014-0310281 A1	14/123,259	US	UTL	Efficient and Fault-Tolerant Distributed Algorithm for Learning Latent Factor Models Through Matrix Factorization	12/2/2013 -
-	-	PCT/US13/32385	WO	UTL	Method and System for User Profiling Via Mapping Third Party Interests to a Universal Interest Space	3/15/2013 -
-	2014-0280350 A1	13/837,357	US	UTL	Method and System for Data Triggered Dynamic Log Level Control	3/15/2013 -
-	2014-0279918 A1	13/833,510	US	UTL	Method and System for Efficient Matching of User Profiles with Audience Segments	3/15/2013 -
-	2014-0280549 A1	13/836,052	US	UTL	METHOD AND APPARATUS FOR ACCURATE LOCALIZATION OF POINTS OF INTEREST	7/30/2013 -
-	2015-0039630 A1	13/954,129	US	UTL	Method and Apparatus for Accurate Localization of Points of Interest Using a World Shape	7/24/2014 -
-	2015-0039631 A1	14/339,965	US	UTL	TRANSITIONAL MOBILE ADS DURING NETWORK PAGE DOWNLOAD LATENCY TIME	12/9/2013 -
-	-	14/094,803	US	UTL	Local Recommendation Engine	9/18/2013 -
-	2015-0081695 A1	14/030,777	US	UTL	SOCIAL RECOMMENDATIONS AND MONETIZATION THEREOF	7/25/2013 -
-	2015-0032535 A1	13/951,078	US	UTL	Method or System for Access to Shared Resource	11/22/2013 -
-	2015-0149737 A1	14/087,937	US	UTL		

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9086116	2015-0052548 A1	13/965,934	US	UTL	Encoding Pre-roll Advertisements in Progressively-Loading Images	8/13/2013	6/23/2015
-	2015-0096012 A1	14/038,783	US	UTL	Secure Physical Authentication Input with Personal Display or Sound Device	9/27/2013 -	
-	2015-0026266 A1	13/944,519	US	UTL	Share to Stream	7/17/2013 -	
9135151	2015-0082280-A1	14/030,480	US	UTL	Automatic Verification by Comparing User Interface Images	9/18/2013	9/15/2015
-	2014-0317086 A1	13/865,082	US	UTL	Efficient Database Searching	4/17/2013 -	
-	-	PCT/US2014/032549	WO	UTL	Efficient Database Searching	4/1/2014 -	
-	2015-0032720 A1	13/948,610	US	UTL	Optimizing Database Queries	7/23/2013 -	
-	2015-0142513 A1	14/084,341	US	UTL	Just-in-Time Guaranteed Advertisement Supply Forecasting System and Method	11/19/2013 -	
-	2015-0095984 A1	14/038,785	US	UTL	METHOD AND SYSTEM FOR SYSTEM FOR CONTROLLING ONLINE USER ACCOUNT USING A MOBILE DEVICE	9/27/2013 -	
-	2014-0344249 A1	13/895,252	US	UTL	Simple Action Record Search	5/15/2013 -	
-	-	14/050,179	US	UTL	Wearable Text Personalization	10/9/2013 -	
-	-	14/026,214	US	UTL	Type Free Search Assist	9/13/2013 -	
-	2015-0189475 A1	14/145,666	US	UTL	Low key point of interest notification	12/31/2013 -	
-	2015-0264565 A1	14/204,692	US	UTL	Machine biometrics by the use of dynamic benchmarks	3/11/2014 -	
-	-	14/069,277	US	UTL	Cross-Platform interface for a Television Device	10/31/2013 -	
-	-	14/069,275	US	UTL	Recommendation of Television Content	10/31/2013 -	
9138850	2015-0032740 A1	13/850,132	US	UTL	Personal Trends Module	7/24/2013	10/13/2015
-	2016-0034592 A1	14/880,701	US	UTL	Personal Trends Module	10/12/2015 -	
-	104536549 A	201410758008	CN	UTL	Cold Row Encapsulation for Server Farm Cooling System	3/31/2010 -	
-	2821950	13193386	EP	UTL	Quality Scoring System for Advertisements and Content in an Online System	11/18/2013 -	
-	1202962	15103490	HK	UTL	Quality Scoring System For Advertisements and Content in An Online System	4/9/2015 -	
-	-	103120461	TW	UTL	Quality Scoring System For Advertisements and Content in An Online System	6/13/2014 -	
-	2015-0006280 A1	13/932,655	US	UTL	Quality Scoring System For Advertisements and Content in An Online System	7/1/2013 -	
-	2015-0052462 A1	13/967,399	US	UTL	Capture and Retrieval of a Personalized Mood Icon	8/15/2013 -	
-	-	PCT/US2014/047785	WO	UTL	Capture and Retrieval of a Personalized Mood Icon	7/23/2014 -	
-	2015-0120745 A1	14/064,707	US	UTL	Dynamic Database Indexes for Entity Attribute Value Stores	10/28/2013 -	
-	2015-0154292 A1	14/095,571	US	UTL	Recirculating On-Line Traffic, Such As Within A Special Purpose Search Engine	12/3/2013 -	
-	2015-0095155 A1	14/040,987	US	UTL	Method and System for Collaborative Location Detection	9/30/2013 -	

PATENT
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REEL: 056787 FRAME: 0168

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-	-	13/717,662	US	UTL	SYSTEMS AND METHODS INVOLVING FEATURES OF SEARCH AND/OR SEARCH INTEGRATION	12/17/2012 -
-	-	13/916,564	US	UTL	SYSTEMS AND METHODS INVOLVING ENHANCEMENT FEATURES ASSOCIATED WITH MEDIA MODULES	6/12/2013 -
-	2013-0090946	PCT/US12/070214	WO	UTL	SYSTEMS AND METHODS INVOLVING FEATURES OF SEARCH AND/OR SEARCH INTEGRATION	12/17/2012 -
-	WO 2013/188603	PCT/US2013/045529	WO	UTL	SYSTEMS AND METHODS INVOLVING SEARCH ENHANCEMENT FEATURES ASSOCIATED WITH MEDIA MODULES	6/12/2013 -
-	2015-0178775 A1	14/138,634	US	UTL	Recommendation Search Bid Phrases For Monetization Of Short Text Documents	12/23/2013 -
-	2015-0186394 A1	14/144,250	US	UTL	Query Suggestions	12/30/2013 -
-	2015-0178282 A1	14/139,807	US	UTL	Fast and Dynamic Targeting of Users with Engaging Content	12/23/2013 -
-	105009103 A	14/218,818	US	UTL	System and method for enhanced accuracy cardinality estimation	3/18/2014 -
-	EP2524278	201480013131 CN	EP	UTL	Display Time of a Web Page	3/14/2014 -
-	2011-0173569 A1	12/687,012	US	UTL	Preview Functionality for Increased Browsing Speed	12/6/2010 -
-	8209349	2011/087623	WO	UTL	Preview Functionality for Increased Browsing Speed	1/13/2010 -
-	8356051	2011-0191314 A1	US	UTL	PREVIEW FUNCTIONALITY FOR INCREASED BROWSING SPEED	12/6/2010 -
-	105009701 A	12/698,064	US	UTL	BROWSING SPEED	2/1/2010 -
-	EP2545512	13/477,972	EP	UTL	Integrated Saved Search Results	6/26/2012
-	2011-0225197 A1	201480013136 CN	US	UTL	Integrated Saved Search Results	5/22/2012
-	2015-0026148 A1	11/753,781	US	UTL	Atmospheric Cooling of Servers in a Data Center	1/15/2013
-	2011/112349	12/720,394	WO	UTL	User Specific Feed Recommendations	3/14/2014 -
-	8281232	14/449,006	US	UTL	User Specific Feed Recommendations	2/22/2011 -
-	8386915	PCT/US11/25718	US	UTL	User Specific Feed Recommendations	3/9/2010
-	2012-0324327 A1	12/765,812	US	UTL	User Specific Feed Recommendations	7/31/2014 -
-	2012-0023390 A1	13/697,171	US	UTL	Integrated Adaptive URL-Shortening Functionality	4/22/2010
-	-	12/843,792	US	UTL	Integrated Adaptive URL-Shortening Functionality	10/2/2012
-	-	61/367,936	US	PRV	Integrated Link Statistics Within An Application	8/28/2012 -
-	2012-0030616 A1	13/192,366	US	UTL	System and Method for Optimizing Window Display	7/26/2010
-	2012-0109922 A1	12/913,724	US	UTL	System and Method for Optimizing Window Display	2/26/2013
-	8510379	13/033,579	US	UTL	System and Method for Optimizing Window Display	7/27/2010 -
-	-	61/555,475	US	PRV	System and Method for Optimizing Window Display	7/27/2010 -
-	2013-0117675 A1	13/668,249	US	UTL	System and Method for Optimizing Window Display	7/27/2011 -
-	-	-	US	UTL	User Feed Data Delivery	10/27/2010 -
-	-	-	US	UTL	Display of Content Interaction Data in a Browser	2/23/2011
-	-	-	US	PRV	Social Web Browsing	8/13/2013
-	-	-	US	UTL	Social Web Browsing	11/3/2011 -
-	-	-	US	UTL	Social Web Browsing	11/3/2012 -

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-	2014-0108436 A1	13/649,780	US	UTL	Internet Browsing with Customized Content	10/11/2012 -
-	2014-0108968 A1	13/649,789	US	UTL	Visual Presentation of Customized Content	10/11/2012 -
-	2014-0282029 A1	13/797,320	US	UTL	VISUAL PRESENTATION OF CUSTOMIZED CONTENT	3/12/2013 -
D677,268	-	29/402,213	US	DES	Display Panel For A Programmed Computer System With A Graphical User Interface	9/21/2011 3/5/2013
D678,313	-	29/402,212	US	DES	Display Panel For A Programmed Computer System With A Graphical User Interface	9/21/2011 3/19/2013
-	-	14/308,573	US	UTL	System and Method for Address Based Locations	6/18/2014 -
-	2013-0138507 A1	13/308,527	US	UTL	PREDICTIVE MODELING FOR E-COMMERCE ADVERTISING SYSTEMS AND METHODS	11/30/2011 -
-	-	102141005 TW	UTL	ONLINE MARKETPLACE TO FACILITATE THE DISTRIBUTION OF MARKETING SERVICES FROM A MARKETER TO AN ON-LINE MERCHANT	11/12/2013 -	
-	-	61/725,279	US	PRV	ONLINE MARKETPLACE TO FACILITATE THE DISTRIBUTION OF MARKETING SERVICES FROM A MARKETER TO AN ON-LINE MERCHANT	11/12/2012 -
-	2014-0143067-A1	14/078,137	US	UTL	Online Marketplace To Facilitate The Distribution of Marketing Services From A Marketer To An On-line Merchant	11/12/2013 -
-	2014/075081	PCT/US2013/069707	WO	UTL	ONLINE MARKETPLACE TO FACILITATE THE DISTRIBUTION OF MARKETING SERVICES FROM A MARKETER TO AN ON-LINE MERCHANT	11/12/2013 -
-	-	61/772,389	US	PRV	METHODS AND SYSTEMS FOR FACILITATING COMMUNICATIONS BETWEEN PROVIDERS OF ON-LINE SERVICES AND POTENTIAL CUSTOMERS	3/4/2013 -
-	2014-0297362 A1	14/196,389	US	UTL	Methods and systems for facilitating communications between providers of on-line services and potential customers	3/4/2014 -
-	-	61/487,237	US	PRV	USER INTERFACE FOR REAL TIME VIEW OF WEB SITE ACTIVITY	5/17/2011 -
-	2012-0316902 A1	13/474,555	US	UTL	USER INTERFACE FOR REAL TIME VIEW OF WEB SITE ACTIVITY	5/17/2012 -
-	2013-0018713 A1	13/181,361	US	UTL	SYSTEM AND METHODS FOR REAL TIME E-COMMERCE PROMOTIONAL ACTIVITIES	7/12/2011 -
-	2012-0296697 A1	13/227,380	US	UTL	SYSTEMS AND METHODS FOR AUTOMATED REAL TIME E-COMMERCE MARKETING ACTIVITIES	9/7/2011 -
-	2012-0296682 A1	13/227,458	US	UTL	REAL TIME E-COMMERCE USER INTERFACE FOR MONITORING AND INTERACTING WITH CONSUMERS	9/7/2011 -

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-	2015-0134402 A1	14/076,551	US	UTL	System and Method for Network-Oblivious Community Detection	11/11/2013 -
-	2015-0127468 A1	14/073,575	US	UTL	User Engagement Based Nonguaranteed Delivery Pricing	11/6/2013 -
-	2015-0039420-A1	14/195,666	US	UTL	3-dimensional augmented reality markers	3/3/2014 -
-	2015-0039419-A1	14/043,778	US	UTL	Audience Centric Pricing	10/1/2013 -
-	2015-0074599 A1	14/043,757	US	UTL	Keyword Price Recommendation	10/1/2013 -
-	2015-0074533 A1	14/020,693	US	UTL	Mobile Video Channel-Based Gestural User Interface	9/6/2013 -
-	2015-0089348 A1	14/102,852	US	UTL	User-Programmable Channel Store for Video System and Method for Web Page Background Image Delivery	12/11/2013 -
-	2015-0089348 A1	14/033,935	US	UTL	image Delivery	9/23/2013 -
-	-	61/887,311	US	PRV	Selecting Among Advertisements Competing For A Slot Associated With Electronic Content Delivered Over A Network Based Upon Predicted Latency	10/4/2013 -
-	-	14/320,280	US	UTL	Selecting Among Advertisements Competing For a Slot Associated with Electronic Content Delivered Over a Network Based Upon Predicted Latency	6/30/2014 -
-	2015-0039426-A1	14/043,800	US	UTL	Revenue Share Analysis	10/1/2013 -
-	-	14/144,130	US	UTL	Systems and Methods For A Unified Audience Targeting Solution	12/30/2013 -
-	2015/096146	PCT/CN2013/090731	WO	UTL	Systems and Methods for A Unified Audience Targeting Solution	12/27/2013 -
-	2015-0100908 A1	14/046,930	US	UTL	Alternate Screen Reveal for Instant Privacy	10/5/2013 -
-	-	14/133,032	US	UTL	Systems and Methods for Value Added In-Stream Content Advertising	12/18/2013 -
-	-	103104386 TW	TW	UTL	Active Preference Learning Method and System	2/11/2014 -
-	2015-0220950 A1	14/174,399	US	UTL	Active Preference Learning Method and system	2/5/2014 -
-	-	14/296,341	US	UTL	Automatic virtual machine resizing to optimize resource availability	6/4/2014 -
-	2015-0278346 A1	14/226,304	US	UTL	Method and System for Decomposing Social Relationships into Domains of Interactions	3/26/2014 -
-	105045796 A	201510196892 CN	CN	UTL	intent Based Search Results Associated With A Modular Search Object Framework	4/23/2015 -
-	-	14193956 EP	EP	UTL	User Engagement-Based Contextually-Dependent Automated Pricing for Non-Guaranteed Delivery	11/14/2014 -
-	-	15110190 HK	HK	UTL	User Engagement-Based Contextually-Dependent Automated Pricing for Non-Guaranteed Delivery	11/18/2014 -
-	-	103139715 TW	TW	UTL	User Engagement-Based Contextually-Dependent Automated Pricing for Non-Guaranteed Delivery	11/17/2014 -

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-	2015-0142657 A1	14/084,412	US	UTL	User Engagement-Based Contextually-Dependent Automated Pricing for Non-Guaranteed Delivery Systems and Methods For Commercial Query Suggestion	11/19/2013 -
-	-	14/262,120	US	UTL	Systems and Methods For Commercial Query Suggestion	4/25/2014 -
-	2015/161515	PCT/CN2014/076277	WO	UTL	Podcasts in Personalized Content Streams	4/25/2014 -
-	2015-0381682 A1	14/320,820	US	UTL	Method Of Queuing Signals	6/30/2014 -
-	2015-0244577 A1	14/192,771	US	UTL	Method and System for Predicting Future Email	2/27/2014 -
-	2015-0350132 A1	14/291,422	US	UTL		5/30/2014 -
-	2015-0178790 A1	14/136,045	US	UTL	User Engagement-Based Dynamic Reserve Price for Non-Guaranteed Delivery Advertising Auction	12/20/2013 -
-	105022776 A	201510198039 CN	CN	UTL	Enhanced Search Results Associated With A Modular Search Object Framework	4/23/2015 -
-	-	15150038 EP	EP	UTL	Systems and Methods For Search Results Targeting	1/2/2015 -
-	-	16100087 HK	HK	UTL	Systems and Methods For Search Results Targeting	12/25/2014 -
-	-	103144935 TW	TW	UTL	Systems and Methods For Search Results Targeting	12/23/2014 -
-	-	14/146,637	US	UTL	Systems and Methods For Search Results Targeting	1/2/2014 -
-	2015-0289005 A1	14/248,311	US	UTL	Secure information exchange between devices using location and unique codes	4/8/2014 -
-	-	14/986,507	US	UTL	Secure information exchange between devices using location and unique codes	12/31/2015 -
-	2016-0012485 A1	14/400,578	US	UTL	BROWSING CONTEXT BASED ADVERTISEMENT SELECTION	11/12/2014 -
-	2016/004586	PCT/CN2014/081854	WO	UTL	Browsing Context based Advertisement Selection	7/8/2014 -
-	2015-0363509 A1	14/304,754	US	UTL	Entity Generation Using Queries	6/13/2014 -
-	-	14/412,033	US	UTL	Method and System for Managing Online Bidding	12/30/2014 -
-	2015/106410	PCT/CN2014/070666	WO	UTL	Smart RTB Traffic Shedding	1/15/2014 -
-	-	14/401,601	US	UTL	DETERMINING TRAFFIC QUALITY USING EVENT-BASED TRAFFIC SCORING	11/17/2014 -
-	2015/184579	PCT/CN2014/079061	WO	UTL	Determining traffic quality using event-based traffic scoring	6/3/2014 -
-	2016-0019213 A1	14/332,501	US	UTL	Method and System for Predicting Search Results Quality in Vertical Ranking	7/16/2014 -
-	-	14/472,430	US	UTL	Emotionally Relevant Content	8/29/2014 -
-	-	104114232 TW	TW	UTL	Synthetic Question Formulation	5/5/2015 -
-	2015-0339590 A1	14/284,180	US	UTL	Synthetic Question Formulation	5/21/2014 -
-	-	PCT/US2015/031453	WO	UTL	Synthetic Question Formulation	5/19/2015 -
-	2015-0279909 A1	14/227,172	US	UTL	Techniques For Improving Diversity and Privacy in Connection with Use of Recommendation Systems	3/27/2014 -

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-	2015-0347591 A1	14/294,362	US	UTL	Information Matching and Match Validation METHOD AND SYSTEM FOR PERSONALIZED PRESENTATION OF CONTENT	6/3/2014 -
-	-	14/399,331	US	UTL	Method and system for personalized presentation of content	11/6/2014 -
-	2016/004585	PCT/CN2014/081853	WO	UTL	Method and system for exploring crowd sourced user curated native advertisements	7/8/2014 -
-	-	14/436,194	US	UTL	Method and System for Exploring Crowd Sourced User Curated Native Advertisements	4/16/2015 -
-	-	PCT/CN2014/094109	WO	UTL	Method and system for advertisement coordination	12/17/2014 -
-	-	14/408,192	US	UTL	Method and system for advertisement coordination	12/15/2014 -
-	-	14/408,528	US	UTL	Method and system for advertisement coordination	12/16/2014 -
-	-	14/410,372	US	UTL	Method and system for advertisement coordination	12/22/2014 -
-	-	14/408,235	US	UTL	Method and system for advertisement coordination	12/15/2014 -
-	-	14/408,222	US	UTL	Method and system for advertisement coordination	12/15/2014 -
-	2015/184601	PCT/CN2014/079146	WO	UTL	Method and system for advertisement coordination	6/4/2014 -
-	2015/184594	PCT/CN2014/079134	WO	UTL	Method and system for advertisement coordination	6/4/2014 -
-	2015/184607	PCT/CN2014/079168	WO	UTL	Method and system for advertisement coordination	6/4/2014 -
-	2015/184606	PCT/CN2014/079163	WO	UTL	Method and system for advertisement coordination	6/4/2014 -
-	2015/184599	PCT/CN2014/079143	WO	UTL	Method and system for advertisement coordination	6/4/2014 -
-	-	14/405,971	US	UTL	Personalizing User Interface (UI) Elements	12/5/2014 -
-	-	PCT/CN2014/088704	WO	UTL	Personalizing User Interface (UI) Elements	10/16/2014 -
-	-	14/497,760	US	UTL	Association-and-perspective-based content item recommendations	9/26/2014 -
-	2015-0276877 A1	14/242,386	US	UTL	User Engagement-Based Contextually-Dependent Automated Reserve Price for Non-Guaranteed Delivery Advertising Auction	4/1/2014 -
-	-	14/259,888	US	UTL	Opportunistically solving search use cases	4/23/2014 -
-	2015-0269122 A1	14/222,584	US	UTL	Computation Through Array Decomposition	3/21/2014 -
-	-	14/265,155	US	UTL	Dynamic text ads based on a page knowledge graph	4/29/2014 -
-	-	14/194,205	US	UTL	Systems and Methods for Providing Mobile Advertisements	2/28/2014 -
-	2016-0012104 A1	14/329,154	US	UTL	Search interfaces with preloaded suggested search queries	7/11/2014 -
-	2015-0363421 A1	14/301,834	US	UTL	Directories in distributed file systems	6/11/2014 -
-	2016-0019578 A1	14/334,494	US	UTL	METHOD OF LOG SCANNING	7/17/2014 -

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-	2015-0227628 A1	14/175,667	US	UTL	Recurive Unique User Metrics in Real Time Ad Impression Availability and Associated Adjustment Values	2/7/2014 -
-	2015-0242886 A1	14/189,794	US	UTL	Elasticity of Engagement to Ad Quality	2/25/2014 -
-	2015-0356595 A1	14/297,054	US	UTL	System and Method for Online Handwriting Recognition in Web Queries	6/5/2014 -
-	105095878A	201510494632	CN	UTL		7/28/2010 -
-	-	-	EP	UTL	A algorithm to auto-generate new bidding keyword for advertiser in curvball and moneyball	-
-	-	-	JP	UTL	A algorithm to auto-generate new bidding keyword for advertiser in curvball and moneyball	-
-	-	-	KR	UTL	A algorithm to auto-generate new bidding keyword for advertiser in curvball and moneyball	-
-	-	-	TW	UTL	A algorithm to auto-generate new bidding keyword for advertiser in curvball and moneyball	-
-	2015/135110	14/242,252 PCT/CN2014/073133	US WO	UTL UTL	Systems and Methods for Keyword Suggestion Systems and Methods For Keyword Suggestion Automated search intent discovery	4/1/2014 - 3/10/2014 -
-	-	14/501,222	US	UTL	Automated search intent discovery	9/30/2014 -
-	2015-0379571 A1	14/320,048	US	UTL	Using Directed Distributed Query Word Representations	6/30/2014 -
-	-	14/505,337	US	UTL	Infusing product popularity insights into search results for product research queries	10/2/2014 -
-	2015-0310016 A1	14/264,112	US	UTL	Method and System for Entity Recognition in a Query	4/29/2014 -
-	2016-0034977 A1	14/449,801	US	UTL	System and Method for Embedded Search within Messaging Applications	8/1/2014 -
-	2015-0294375 A1	14/252,552 61/970,503	US US	UTL PRV	Frequent Markup Techniques For Use in Native Advertisement Placement	4/14/2014 - 3/26/2014 -
-	-	14/252,501	US	UTL	Native Ad Placement Techniques	4/14/2014 -
-	2015-0278847 A1	14/252,539	US	UTL	Content Guided Techniques For Use in Native Advertisement Placement	4/14/2014 -
-	2015-0278883 A1	14/585,783	US	UTL	Xpath Related and Other Techniques For Use in Native Advertisement Placement	4/14/2014 -
-	-	14/508,434	US	UTL	Xpath Related and Other Techniques For Use in Native Advertisement Placement	12/30/2014 -
-	-	14/444,821	US	UTL	Method and System for Providing a Synchronization Service	10/7/2014 -
-	-	14/516,471	US	UTL	Rainbow event drop detection system	7/28/2014 -
-	-	14/508,475	US	UTL	FEATURE SELECTION	10/16/2014 -
-	-	-	US	UTL	Auto complete search box based on the user's context to reduce user's input	10/3/2014 -

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-	-	14/336,836	US	UTL	Systems and Methods For Smooth and Effective Budget Delivery in Online Advertising	7/21/2014 -
-	-	14/486,470	US	UTL	Method and System For Measuring Effectiveness of User Treatment	8/22/2014 -
-	2015-0348107 A1	14/292,467	US	UTL	Systems and Methods for Advertising Using Sponsored Verbs and Contexts	5/30/2014 -
-	2015-0317317 A1	14/265,900	US	UTL	Method and System for Providing Query Suggestions Including Entities	4/30/2014 -
-	-	14/491,070	US	UTL	Systems and Methods for Image Optimization	9/19/2014 -
-	2015-0283977 A1	14/497,591	US	UTL	Graphical interface presentation of search results	9/26/2014 -
-	-	14/253,613	US	UTL	Interactive Search Results	4/15/2014 -
-	2015-0317316 A1	14/265,509	US	UTL	Method and System for User Selection of Query Suggestions	4/30/2014 -
-	2015-0379079 A1	14/315,968	US	UTL	Personalizing Query Rewrites For Ad Matching	6/26/2014 -
-	2016-0034976 A1	14/447,861	US	UTL	Advertisement Presentation	7/31/2014 -
-	2016-0041983 A1	14/453,915	US	UTL	Local Query Ranking for Search Assiet Method and Apparatus	8/7/2014 -
-	-	14/759,121	US	UTL	Mitigating at least some effects of cookie churn	7/2/2015 -
-	-	PCT/CN2014/095877	WO	UTL	Mitigating at least some effects of cookie churn	12/31/2014 -
-	-	14/478,390	US	UTL	System and method for authentication across devices	9/5/2014 -
-	-	14/533,405	US	UTL	Systems and Methods for Query Rewriting	11/5/2014 -
-	2015-0317310 A1	14/265,780	US	UTL	Method and System for Evaluating Query Suggestions Quality	4/30/2014 -
-	2015-0379134 A1	14/320,255	US	UTL	RECOMMENDED QUERY FORMULATION	6/30/2014 -
-	-	14/283,944	US	UTL	Methods and systems for data traffic control and encryption	5/21/2014 -
-	-	14/588,303	US	UTL	LOCATION UNCERTAINTY IN SEARCH	12/31/2014 -
-	-	14/457,985	US	UTL	Entity Based Search Advertising Within a Modular Search Object Framework	8/12/2014 -
-	2016-0050166 A1	14/459,835	US	UTL	Expressing Statements in Messages with Personalized Expression Style	8/14/2014 -
-	-	14/574,906	US	UTL	INFERRING USER IDENTITY ACROSS	
-	-	14/266,548	US	UTL	MULTIPLE APPLICATIONS AND USER DEVICES	12/18/2014 -
-	105207887 A	201510505924	CN	UTL	Modular Search Object Framework	4/30/2014 -
-	-	15168037 EP	EP	UTL	Media Event Structure and Context Identification Using Short Messages	2/22/2011 -
-	-	104110404 TW	TW	UTL	Enhanced Search Results Associated With A Modular Search Object Framework	4/30/2015 -
-	-	14/266,618	US	UTL	Enhanced Search Results Associated With A Modular Search Object Framework	3/31/2015 -
-	2015-0317319 A1	14/266,618	US	UTL	Enhanced Search Results Associated With A Modular Search Object Framework	4/30/2014 -

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-	2015-0317945 A1	14/266,479	US	UTL	Systems And Methods For Generating Tinted Class Effect For Interface Controls And Elements Selectively Adding Social Dimension To Web Searches	4/30/2014 -
-	105243104 A	201510603795.X	CN	UTL	Intent Based Search Results Associated With A Modular Search Object Framework	4/20/2011 -
-	-	15168064 EP	EP	UTL	Intent Based Search Results Associated With A Modular Search Object Framework	4/30/2015 -
-	-	104108918 TW	TW	UTL	Intent Based Search Results Associated With A Modular Search Object Framework	3/20/2015 -
-	2015-0317354 A1	14/266,565	US	UTL	Method and/or Apparatus for Generating Signal Processing Pipelines	4/30/2014 -
-	-	14/654,468	US	UTL	Method and/or Apparatus for Generating Signal Processing Pipelines	6/19/2015 -
-	-	PCT/CN2014/096912	WO	UTL	Method and/or Apparatus for Generating Signal Processing Pipelines	12/31/2014 -
-	-	14/327,573	US	UTL	Dynamic Action Selection for Touch Screens	7/10/2014 -
-	-	14/575,445	US	UTL	METHOD AND SYSTEM FOR ENHANCED SEARCH TERM SUGGESTION	12/18/2014 -
-	-	14/569,292	US	UTL	METHOD AND SYSTEM FOR INDEXING AND PROVIDING SUGGESTIONS	12/12/2014 -
-	-	14/511,684	US	UTL	Character Input Using Modern Remote Control METHOD AND SYSTEM FOR PROVIDING A SEARCH RESULT	10/10/2014 -
-	-	14/435,660	US	UTL	SEARCH RESULT	4/14/2015 -
-	-	PCT/CN2014/094122	WO	UTL	Method and System for Providing a Search Result	12/17/2014 -
-	-	14/512,187	US	UTL	Recommendation Bidding Terms	10/10/2014 -
-	-	14/497,546	US	UTL	Advertisement opportunity bidding	9/26/2014 -
-	2015-0339707 A1	14/294,639	US	UTL	System and Method for Event Triggered Search Results	5/22/2014 -
-	-	14/573,755	US	UTL	GENERATING USER RECOMMENDATIONS METHOD AND SYSTEM TO DETECT USE CASES IN DOCUMENTS FOR PROVIDING STRUCTURED TEXT OBJECTS	12/17/2014 -
-	-	14/572,339	US	UTL	Systems and Methods For Tracking Brand Reputation and Market Share	12/16/2014 -
-	-	14/533,898	US	UTL	Online Ad Campaign Tuning with PID Controllers	11/5/2014 -
-	-	14/518,601	US	UTL	System and method for Calibrating Bluetooth Low Energy Signal Strengths	10/20/2014 -
-	-	104122884 TW	TW	UTL	System and Method for Detection of Indoor Tracking Units	7/15/2015 -
-	-	104124692 TW	TW	UTL	System and method for Calibrating Bluetooth Low Energy Signal Strengths	7/30/2015 -
-	2016-0020861 A1	14/333,056	US	UTL	Energy Signal Strengths	7/16/2014 -
-	2016-0021511 A1	14/462,756	US	UTL	System and Method for Detection of Indoor Tracking Units	8/19/2014 -
-	-	PCT/US2015/040384	WO	UTL	System and method for Calibrating Bluetooth Low Energy Signal Strengths	7/14/2015 -

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-	-	-	-	System and Method for Detection of Indoor Tracking Units	7/30/2015 -
-	-	WO	UTL	Systems and Methods For Managing Advertising Campaigns	11/4/2014 -
-	-	US	UTL	Method for ranking social and search web traffic with virality scores	12/10/2014 -
-	-	US	UTL	Native Ad Format For Interest-Based Content Subscriptions in Email	7/11/2014 -
-	2016-0014060 A1	US	UTL	Content Suggestions	8/18/2014 -
-	2016-0048901 A1	US	UTL	Audience Recommendation	9/29/2014 -
-	2016-0027048 A1	US	UTL	Audience Recommendation	7/25/2014 -
-	2016/011659 A1	WO	UTL	Adaptive Retargeting	10/27/2014 -
-	-	US	UTL	METHOD AND SYSTEM FOR CONCURRENCY CONTROL IN LOG-STRUCTURED MERGE DATA STORES	12/17/2014 -
-	-	US	UTL	Techniques for reducing irrelevant ads	12/29/2014 -
-	-	US	UTL	Geolocation safety awareness	11/12/2014 -
-	-	US	UTL	CONTRACTING AND/OR DE-CONTRACTING STORED PARAMETERS	12/30/2014 -
-	-	US	UTL	Method and system for presenting content summary of search results	8/25/2014 -
-	-	US	UTL	METHOD AND SYSTEM FOR ENHANCED QUERY TERM SUGGESTION	12/30/2014 -
-	-	US	UTL	USER-QUALIFIED ADVERTISEMENT OFFER	12/31/2014 -
-	-	US	UTL	Advertisement viewability determination	11/5/2014 -
-	-	US	UTL	Facilitating advertiser competition for providing compelling advertisements	12/31/2014 -
-	-	US	UTL	Pacing Control for Online Ad Campaigns	12/17/2014 -
-	-	US	UTL	Enhance search assist system's freshness by extracting phrases from news articles	12/17/2014 -
-	-	US	UTL	Combined advertisements	12/18/2014 -
-	-	US	UTL	Systems and Methods For Measuring Complex Online Strategy Effectiveness	12/31/2014 -
-	-	US	UTL	Advertisement generator	12/30/2014 -
-	-	US	UTL	System and Method for Improved Server Performance	12/22/2014 -
-	-	US	UTL	Providing advertisements based upon recurring events	12/30/2014 -
-	-	US	UTL	METHOD AND SYSTEM FOR JOINT REPRESENTATIONS OF RELATED CONCEPTS	12/16/2014 -
-	-	US	UTL	Providing Information Associated with a Product	8/27/2014 -
-	-	US	UTL	Systems and Methods for Online Advertisement Realization Prediction	12/19/2014 -
-	-	US	UTL	Systems And Methods For Native Advertisement Selection And Formatting	10/30/2014 -
-	-	US	UTL		

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SCHEDULE OF ASSETS

2015-0058141 A1	14/383,415	US	UTL	Detection and Mitigation of On-line Advertisement Abuse	9/5/2014 -
2013-132423	PCT/US2013/051723	WO	UTL	Detection and mitigation of on-line advertisement abuse	9/5/2013 -
-	14/538,956	US	UTL	User Authentication and Data Encryption	12/12/2014 -
-	14/530,556	US	UTL	Web Crawling	10/31/2014 -
-	14/585,315	US	UTL	Method and System for Entity Linking	12/30/2014 -
2012-0310749 A1	12/802,036	US	UTL	System and Method for Selecting Creatives Based on Visual Similarity and Campaign Metrics	10/11/2010 -
-	13/151,110	US	UTL	AD creative selection based on image context	6/1/2011 -
-	14/519,858	US	UTL	Coupon Provider	10/21/2014 -
-	14/509,741	US	UTL	Online Product Testing Using Bucket Tests	10/8/2014 -
-	14/574,033	US	UTL	Viewable Impressions System	12/17/2014 -
-	14/536,540	US	UTL	Method and/or System for Walking Route Recommendation	12/30/2014 -
-	14/587,282	US	UTL	Systems and Methods For Building Keyword Searchable Audience Based on Performance Ranking	12/31/2014 -
-	PCT/CN2014/095607	WO	UTL	Systems and Methods for Sponsored Search Ad Matching	12/30/2014 -
-	14/589,199	US	UTL	Systems And Methods For Ad Campaign Optimization	12/30/2014 -
-	14/585,961	US	UTL	Systems and Methods for AD Campaign Optimization	12/22/2014 -
-	PCT/CN2014/094474	WO	UTL	Personalized content based upon user perception of weather	12/16/2014 -
-	14/572,036	US	UTL	Ubiquitous Content Access and Management	12/23/2014 -
-	14/580,614	US	UTL	Ubiquitous Content Access and Management	12/17/2015 -
-	PCT/US13/65437	WO	UTL	Enhanced Targeted Advertising System	12/26/2014 -
-	14/563,457	US	UTL	Enhanced Online Content Delivery System Using Action Rate Lift	6/16/2015 -
-	14/740,937	US	UTL	Native Advertisement Smart Injection	12/29/2014 -
-	14/584,401	US	UTL	Method and system for providing relevant advertisements	4/21/2015 -
-	14/437,271	US	UTL	Method and system for providing relevant advertisements	4/3/2015 -
-	PCT/CN2015/075661	WO	UTL	Providing interactivity options for television Broadcast Content	2/25/2015 -
-	14/631,773	US	UTL	Collection And Use Of Fine-Grained User Behavior Data	6/26/2016 -
-	13/472,270	US	UTL	Detecting Coalition Fraud in Online Advertising	7/15/2015 -
-	14/761,942	US	UTL		

SCHEDULE OF ASSETS

				Representing Entities Relationships in Online Advertising	7/15/2015 -
			US	UTL	
		14/781,060	WO	UTL	5/29/2015 -
		PCT/CN2015/080220	WO	UTL	
				Representing Entities Relationships in Online Advertising	5/29/2015 -
		PCT/CN2015/080214	WO	UTL	
				RECOMMENDING SEARCH TERMS USING COLLABORATIVE FILTERING AND WEB SPIDERING	12/11/2002 - 12/31/2008
ZL02156145.1	CN 1428689A	2155145	CN	UTL	
			EP	UTL	
			TW	UTL	
		62/138,430	US	PRV	3/20/2015 -
9251372		14/794,733	US	UTL	7/8/2015 - 2/2/2016
		14/869,847	US	UTL	12/15/2015 -
		14/713,811	US	UTL	5/15/2015 -
		14/631,152	US	UTL	2/25/2015 -
			TW	UTL	
		14/675,004	US	UTL	3/31/2015 -
			WO	UTL	
		14/674,997	US	UTL	3/31/2015 -
			WO	UTL	
		14/796,090	US	UTL	7/13/2015 -
		14/841,207	US	UTL	8/31/2015 -
				Secure Service For Receiving Sensitive Information Through Nested Iframes	
				Secure Service For Receiving Sensitive Information Through Nested Iframes	
				Secure Service For Receiving Sensitive Information Through Nested Iframes	
				Secure Service For Receiving Payment Card Information from a Digital Vault through Nested iframes	
				Secure Service For Receiving Sensitive Information Through Nested Iframes	
				Secure Service For Receiving Sensitive Information Through Nested Iframes	
				Collective Expansion of Bid-terms for Campaign Optimization	
				Managing Ad Campaigns Via Mobile Devices	
				MEASURING USER ENGAGEMENT WITH SMART BILLBOARDS	
				MEASURING USER ENGAGEMENT WITH SMART BILLBOARDS	
				MEASURING USER ENGAGEMENT WITH SMART BILLBOARDS	
				MEASURING USER ENGAGEMENT WITH SMART BILLBOARDS	
				Bidding Systems, and Methods For Minimizing The Cost Of Field Experiments Using Advertisement Exchanges	
				Performance of Ad Campaigns Targeting Demographic Audiences Using Third Party Data	

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REEL: 038145 FRAME: 0728

REEL: 056787 FRAME: 0179

RECORDED: 04/18/2016
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