

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4111966

|                                                                                                                                                                                                 |                             |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT              |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                  |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                             |                       |
|                                                                                                                                                                                                 | <b>Name</b>                 | <b>Execution Date</b> |
|                                                                                                                                                                                                 | AOL INC.                    | 06/14/2012            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                             |                       |
| <b>Name:</b>                                                                                                                                                                                    | FACEBOOK, INC.              |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 1601 WILLOW ROAD            |                       |
| <b>City:</b>                                                                                                                                                                                    | MENLO PARK                  |                       |
| <b>State/Country:</b>                                                                                                                                                                           | CALIFORNIA                  |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 94025                       |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                             |                       |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>               |                       |
| <b>Application Number:</b>                                                                                                                                                                      | 15333404                    |                       |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                             |                       |
| <b>Fax Number:</b>                                                                                                                                                                              |                             |                       |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                             |                       |
| <b>Phone:</b>                                                                                                                                                                                   | 801-203-3546                |                       |
| <b>Email:</b>                                                                                                                                                                                   | tmeid@kjpip.com             |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | RYAN E. KELLER              |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | 1010 N 500 E                |                       |
| <b>Address Line 2:</b>                                                                                                                                                                          | SUITE 210                   |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | NORTH SALT LAKE, UTAH 84054 |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 19487.194.1.1.1.1 4OF4      |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | RYAN E. KELLER              |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Ryan E. Keller/            |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 10/25/2016                  |                       |
| <b>Total Attachments: 63</b>                                                                                                                                                                    |                             |                       |
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SHORT-FORM ASSIGNMENT

This SHORT-FORM ASSIGNMENT AGREEMENT, dated and effective as of June 15, 2012, is by and among AOL Inc., a Delaware corporation ("Parent Assignor"), AOL Advertising Inc., Mapquest, Inc., Truveo, Inc., The Relevance Corporation and Advertising.com LLC (together with Parent Assignor, each, an "Assignor" and collectively, the "Assignors") and Facebook, Inc., a Delaware corporation ("Assignee").

**WHEREAS**, each Assignor holds right, title, and interest in the patents and patent applications identified and set forth next to its name on Schedule A attached hereto (such patents, the "Assigned Patents");

**WHEREAS**, Assignee is desirous of securing the entire right, title, and interest in and to the Assigned Patents in all countries throughout the world;

**WHEREAS**, Parent Assignor and Microsoft Corporation ("Microsoft") entered into a confidential Stock and Asset Purchase Agreement, dated April 5, 2012 (the "SAPA") pursuant to which Parent Assignor agreed to sell to Microsoft certain patents and patent applications including the Assigned Patents; and

**WHEREAS**, Assignee and Microsoft entered into a confidential Assignment Agreement, dated as of April 22, 2012 (the "Assignment Agreement"), pursuant to which Microsoft has assigned to Assignee its right under the SAPA to acquire the Assigned Patents.

**NOW THEREFORE**, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, each Assignor has sold, assigned, transferred, and set over, and does hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, such Assignor's entire right, title, and interest throughout the world in and to the Assigned Patents, and all divisions, continuations, reexaminations, continuations-in-part, and extensions thereof, all letters patent of the United States which may be granted thereon, and all reissues thereof, foreign counterparts to all of the foregoing, all rights to claim priority on the basis of this assignment, the rights, if any, to revive prosecution of any abandoned Assigned Patent, the right to apply (or continue prosecution) in any and all countries of the world for patents, design patents, utility models, certificates of invention or other governmental grants for the Assigned Patents, and any provisional or other right to recover damages, including royalties for the Assigned Patents; in each case subject to Microsoft's grant of a perpetual, irrevocable, fully paid up license to Parent Assignor and its subsidiaries pursuant to the Intellectual Property Matters Agreement, dated as of June 15, 2012, by and between Parent Assignor and Microsoft (this "Assignment") and each Assignor hereby authorizes the Commissioner of Patents and Trademarks in the United States Patent and Trademark Office, and the corresponding entities or agencies in any applicable foreign countries or multinational authorities, to record Assignee as the assignee and owner of the Assigned Patents owned by such Assignor and to deliver to Assignee, and to Assignee's attorneys, agents, successors or assigns, all official documents and communications as may be warranted by this Assignment;

**FURTHER**, the Assignors and Assignee agree that there are no warranties, representations or conditions, express or implied, statutory or otherwise between the parties made pursuant to this document and that this document shall not expand, limit, waive or otherwise modify the rights and obligations of Parent Assignor and Microsoft set forth in the SAPA or of Assignee and Microsoft set forth in the Assignment Agreement.

*[Remainder of this page intentionally left blank]*

IN WITNESS WHEREOF, the Assignors and Assignee have caused this instrument to be executed by their respective duly authorized representative as of the day first above written.

AOL INC.

Sarah T. Harris

COMMONWEALTH OF VIRGINIA  
COUNTY OF LOUDOUN

I, Nancy S. Boyd, a Notary Public for said County and State, do hereby certify that Sarah T. Harris personally appeared before me this day and stated that she is duly authorized to act on behalf of AOL Inc., and acknowledged, on behalf of AOL, Inc. the due execution of the foregoing instrument.

Witness my hand and official seal, this 14<sup>th</sup> day of June, 2012

Nancy S. Boyd  
Notary Public

My commission expires:

7/31/2013



[Facebook Short Form Assignment]

**PATENT**  
**REEL: 040474 FRAME: 0005**

Advertising.com LLC

Sarah T. Harris

COMMONWEALTH OF VIRGINIA  
COUNTY OF LOUDOUN

I, Nancy S. Boyd, a Notary Public for said County and State, do hereby certify that Sarah T. Harris personally appeared before me this day and stated that she is duly authorized to act on behalf of Advertising.com LLC., and acknowledged, on behalf of Advertising.com LLC, the due execution of the foregoing instrument.

Witness my hand and official seal, this 14<sup>th</sup> day of June, 2012

Nancy S. Boyd  
Notary Public



My commission expires:

7/31/2013

[Facebook Short Form Assignment]

**PATENT**  
**REEL: 040474 FRAME: 0006**

The Relegence Corporation

Sarah T. Harris

COMMONWEALTH OF VIRGINIA  
COUNTY OF LOUDOUN

I, Nancy S. Boyd, a Notary Public for said County and State, do hereby certify that Sarah T. Harris personally appeared before me this day and stated that she is duly authorized to act on behalf of The Relegence Corporation., and acknowledged, on behalf of The Relegence Corporation, the due execution of the foregoing instrument.

Witness my hand and official seal, this 14<sup>th</sup> day of June, 2012

Nancy S. Boyd  
Notary Public



My commission expires:

7/31/2013

[Facebook Short Form Assignment]

**PATENT**  
**REEL: 040474 FRAME: 0007**

Truveo, Inc.

Sarah T. Harris

COMMONWEALTH OF VIRGINIA  
COUNTY OF LOUDOUN

I, Nancy S. Boyd, a Notary Public for said County and State, do hereby certify that Sarah T. Harris personally appeared before me this day and stated that she is duly authorized to act on behalf of Truveo, Inc., and acknowledged, on behalf of Truveo, Inc., the due execution of the foregoing instrument.

Witness my hand and official seal, this 14<sup>th</sup> day of June, 2012

Nancy S. Boyd  
Notary Public



My commission expires:

7/31/2013

[Facebook Short Form Assignment]

**PATENT**  
**REEL: 040474 FRAME: 0008**

Mapquest, Inc.

Sarah T. Harris

COMMONWEALTH OF VIRGINIA  
COUNTY OF LOUDOUN

I, Nancy S. Boyd, a Notary Public for said County and State, do hereby certify that Sarah T. Harris personally appeared before me this day and stated that she is duly authorized to act on behalf of Mapquest, Inc., and acknowledged, on behalf of Mapquest, Inc., the due execution of the foregoing instrument.

Witness my hand and official seal, this 14<sup>th</sup> day of June, 2012

Nancy S. Boyd  
Notary Public

My commission expires:

7/31/2013



AOL Advertising Inc.

Sarah T. Harris

COMMONWEALTH OF VIRGINIA  
COUNTY OF LOUDOUN

I, Nancy S. Boyd, a Notary Public for said County and State, do hereby certify that Sarah T. Harris personally appeared before me this day and stated that she is duly authorized to act on behalf of AOL Advertising Inc., and acknowledged, on behalf of AOL Advertising Inc., the due execution of the foregoing instrument.

Witness my hand and official seal, this 14<sup>th</sup> day of June, 2012

Nancy S. Boyd  
Notary Public



My commission expires:

7/31/2013

[Facebook Short Form Assignment]

**PATENT**  
**REEL: 040474 FRAME: 0010**



FACEBOOK, INC.

A handwritten signature in black ink, appearing to read 'Theodore W. Ulyot', written over a horizontal line.

Theodore W. Ulyot  
Vice President, General Counsel and  
Secretary

*[Facebook Short Form Assignment]*

PATENT  
REEL: 040474 FRAME: 0011

## Schedule A - Assigned Patents

| Patent No. | Title                                                                                   | U.S. App. No. | Foreign App. No.               | Related Foreign Patent Nos. | Assignor |
|------------|-----------------------------------------------------------------------------------------|---------------|--------------------------------|-----------------------------|----------|
| 5,649,013  | Royalty Tracking Method And Apparatus                                                   |               |                                |                             | AOL Inc. |
| 5,715,466  | System for Parallel Foreign Language Communication Over A Computer Network              |               |                                | GB2317474;<br>AU5169996     | AOL Inc. |
| 5,737,538  | System for Remote Microcomputer Access and Modification Of Information In Host Computer |               |                                |                             | AOL Inc. |
| 5,740,549  | Information and Advertising Distribution System and Method                              |               |                                |                             | AOL Inc. |
| 5,796,393  | System For Integrating On-Line Service Community With A Foreign Service                 | 11/408,166    | AU199852008A;<br>JP2001503893A | CA2270969C;<br>CA2357494C   | AOL Inc. |
| 5,878,219  | System for Integrating Access To Proprietary and Internet Resources                     |               |                                |                             | AOL Inc. |
| 5,951,646  | System and Method for Scheduling and Processing Image and Sound Data                    |               | AU733290B2;<br>JP2001507471A   |                             | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                              |            |                                                |                                                           |          |
|-----------|------------------------------------------------------------------------------|------------|------------------------------------------------|-----------------------------------------------------------|----------|
| 5,966,685 | System for Parallel Foreign Language Communication Over A Computer Network   |            | AU199651699A                                   |                                                           | AOL Inc. |
| 5,970,177 | Data Compression Using Selective Encoding                                    |            |                                                |                                                           | AOL Inc. |
| 6,009,413 | System For Real Time Shopping                                                | 12/250,301 |                                                |                                                           | AOL Inc. |
| 6,012,051 | Consumer Profiling System With Analytic Decision Processor                   |            | JP2002510410A;<br>JP2009054174A                | CA2279855C                                                | AOL Inc. |
| 6,014,638 | System For Customizing Computer Displays In Accordance With User Preferences |            |                                                |                                                           | AOL Inc. |
| 6,020,884 | System For Integrating On-Line Service Community With A Foreign Service      | 11/408,166 | AU199852008A;<br>JP2001503893A                 | CA2270969C;<br>CA2357494C                                 | AOL Inc. |
| 6,065,047 | System For Navigating An Information Service                                 |            | AU199717083A;<br>EP876644A4                    | CA2244787C                                                | AOL Inc. |
| 6,112,227 | Filter-In Method for Reducing Junk E-Mail                                    |            |                                                |                                                           | AOL Inc. |
| 6,112,250 | Recompression of Files at an Intermediate Node in a Network System           |            | AU199726642A;<br>CA2731259A1;<br>JP2000508451A | CA2252045C;<br>CA2591578C;<br>DE69736298T2;<br>EP958587B1 | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                  |            |              |                                                                                            |          |
|-----------|--------------------------------------------------------------------------------------------------|------------|--------------|--------------------------------------------------------------------------------------------|----------|
| 6,148,289 | System and Method for Geographically Organizing and Classifying Businesses on the World-Wide Web | 12/685,799 |              |                                                                                            | AOL Inc. |
| 6,226,684 | Method And Apparatus For Reestablishing Network Connections In A Multi-Router Network            |            |              |                                                                                            | AOL Inc. |
| 6,243,674 | Adaptively Compressing Sound with Multiple Codebooks                                             |            | JP11513813A  | AU727706B2;<br>CA2235275C;<br>DE69629485T2;<br>EP856185B1                                  | AOL Inc. |
| 6,292,769 | System For Automated Translation Of Speech                                                       |            | AU199651699A |                                                                                            | AOL Inc. |
| 6,336,133 | Regulating Users of Online Forums                                                                |            |              | AU725838B2;<br>CA2290524C;<br>DE69802925T2;<br>EP983540B8;<br>HK1026486A1;<br>JP03722295B2 | AOL Inc. |
| 6,339,754 | System For Automated Translation Of Speech                                                       |            | AU199651699A |                                                                                            | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                                                         |            |                                                |                                                                                            |                      |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------|
| 6,339,784 | Self-Policing, Rate Limiting Online Forums                                                                                              | 12/574,989 |                                                | AU725838B2;<br>CA2290524C;<br>DE69802925T2;<br>EP983540B8;<br>HK1026486A1;<br>JP03722295B2 | AOL Inc.             |
| 6,353,855 | Providing a Network Communication Status Description Based on User Characteristics                                                      |            |                                                |                                                                                            | AOL Inc.             |
| 6,370,502 | Method and System For Reduction Of Quantization-Induced Block-Discontinuities and General Purpose Audio Codec                           | 13/191,496 |                                                | CA2373520C;<br>DE60014363T2;<br>DE60041790D1;<br>EP1181686B1;<br>EP1480201B1               | AOL Inc.             |
| 6,385,656 | System and Method for Selectively Decompressing and Recompressing Data Based on the Compression Status of Data File in a Network System |            | AU199726642A;<br>CA2731259A1;<br>JP2000508451A | CA2252045C;<br>CA2591578C;<br>DE69736298T2;<br>EP958587B1                                  | AOL Inc.             |
| 6,389,127 | Telephone Status Notification System                                                                                                    |            | IL121501A;<br>JP2001513603A                    | AT527811T;<br>AU749596B2;<br>CA2568095C;<br>CN1278537C;<br>EP1002417B1                     | AOL Advertising Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                                                                            |            |                                 |                                                           |          |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------|-----------------------------------------------------------|----------|
| 6,424,941 | Adaptively Compressing Sound with Multiple Codebooks                                                                                                       |            | JP11513813A                     | AU727706B2;<br>CA2235275C;<br>DE69629485T2;<br>EP856185B1 | AOL Inc. |
| 6,433,795 | System For Integrating On-Line Service Community With A Foreign Service                                                                                    | 11/408,166 | AU199852008A;<br>JP2001503893A  | CA2270969C;<br>CA2357494C                                 | AOL Inc. |
| 6,496,851 | Managing Negotiations Between Users Of A Computer Network By Automatically Engaging In Proposed Activity Using Parameters Of Counterproposal Of Other User |            | JP2003506783A;<br>JP2009193591A | CA2381174C;<br>CN1322448C                                 | AOL Inc. |
| 6,522,779 | Representing an Image with a Posterized Joint Histogram                                                                                                    |            |                                 |                                                           | AOL Inc. |
| 6,522,780 | Indexing of Images and/or Text                                                                                                                             |            |                                 |                                                           | AOL Inc. |
| 6,522,782 | Image and Text Searching Techniques                                                                                                                        |            |                                 |                                                           | AOL Inc. |
| 6,539,421 | Messaging Application User Interface                                                                                                                       |            | EP1360603A2;<br>JP2003527666A   |                                                           | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                |            |  |  |          |
|-----------|------------------------------------------------------------------------------------------------|------------|--|--|----------|
| 6,546,095 | Automated Provisioning of Telephone Services                                                   |            |  |  | AOL Inc. |
| 6,556,710 | Image Searching Techniques                                                                     |            |  |  | AOL Inc. |
| 6,603,838 | Voice Messaging System with Selected Messages not left by a Caller                             |            |  |  | AOL Inc. |
| 6,621,892 | System and Method for Converting Electronic Mail Text to Audio for Telephonic Delivery         |            |  |  | AOL Inc. |
| 6,665,379 | Voice Messaging System Using Information from Incoming Telephone Call to Respond to a Call     |            |  |  | AOL Inc. |
| 6,671,402 | Representing an Image with a Weighted Joint Histogram                                          |            |  |  | AOL Inc. |
| 6,677,968 | User Definable On-Line Co-User Lists                                                           | 13/347,277 |  |  | AOL Inc. |
| 6,687,734 | System and Method for Determining if One Web Site Has the Same Information as Another Web Site |            |  |  | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                                           |            |  |                                                                              |          |
|-----------|---------------------------------------------------------------------------------------------------------------------------|------------|--|------------------------------------------------------------------------------|----------|
| 6,690,785 | System and Method for Forwarding Called Party Information for Centralized Telephone Service                               |            |  |                                                                              | AOL Inc. |
| 6,691,105 | System and Method for Geographically Organizing and Classifying Businesses on the World-Wide Web                          | 12/685,799 |  |                                                                              | AOL Inc. |
| 6,692,359 | Method of Interfacing on a Computer Network by Visual Representation of Users, Method of Interacting and Computer Network |            |  |                                                                              | AOL Inc. |
| 6,704,706 | Method and System for Reduction of Quantization-Induced Block-Discontinuities and General Purpose Audio Codec             | 13/191,496 |  | CA2373520C;<br>DE60014363T2;<br>DE60041790D1;<br>EP1181686B1;<br>EP1480201B1 | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                               |            |                                                              |                                                                                                                                                                   |          |
|-----------|---------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 6,714,793 | Method and system for instant messaging across cellular networks and a public data network                    | 13/226,171 | AU200145497A;<br>CA2547294A1;<br>CN1801962B;<br>IN2004KOL279 | AU2001245497B2;<br>AU2007200208B2;<br>CA2400807C;<br>CN1226886C;<br>DE60141324D1;<br>EP1264413B1;<br>HK1057302A1;<br>JP03914921B2;<br>JP04890717B2;<br>KR693681B1 | AOL Inc. |
| 6,750,881 | User Definable On-Line Co-User Lists                                                                          | 13/347,277 |                                                              |                                                                                                                                                                   | AOL Inc. |
| 6,751,299 | Voice Messaging System                                                                                        |            |                                                              |                                                                                                                                                                   | AOL Inc. |
| 6,754,904 | Informing Network Users of Television Programming Viewed By Other Network Users                               |            | EP1344162A2                                                  | JP03996769B2                                                                                                                                                      | AOL Inc. |
| 6,760,580 | Facilitating Instant Messaging Outside of User-Defined Buddy Group in a Wireless and Non-Wireless Environment |            | AU200145497A;<br>CA2547294A1;<br>CN1801962B;<br>IN2004KOL279 | AU2001245497B2;<br>AU2007200208B2;<br>CA2400807C;<br>CN1226886C;<br>DE60141324D1;<br>EP1264413B1;<br>HK1057302A1;<br>JP03914921B2;<br>JP04890717B2;<br>KR693681B1 | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                               |            |                             |                                                                                            |                      |
|-----------|---------------------------------------------------------------------------------------------------------------|------------|-----------------------------|--------------------------------------------------------------------------------------------|----------------------|
| 6,772,188 | Method and Apparatus for Communicating with an Entity Automatically Identified in an Electronic Communication |            |                             |                                                                                            | AOL Inc.             |
| 6,781,608 | Gradual Image Display                                                                                         |            |                             |                                                                                            | AOL Inc.             |
| 6,798,873 | Telephone Status Notification System                                                                          |            | IL121501A;<br>JP2001513603A | AT527811T;<br>AU749596B2;<br>CN1278537C;<br>CN1278537C;EP1002417B1                         | AOL Advertising Inc. |
| 6,807,558 | Utilization of information "push" technology                                                                  |            | JP9269923A                  | AT173102T;<br>CA2177441C;<br>DE69600905T2;<br>EP749081B1                                   | AOL Inc.             |
| 6,813,733 | Diagnostic System                                                                                             |            |                             |                                                                                            | AOL Inc.             |
| 6,826,618 | Self-Policing, Rate Limiting Online Forums                                                                    | 12/574,989 |                             | AU725838B2;<br>CA2290524C;<br>DE69802925T2;<br>EP983540B8;<br>HK1026486A1;<br>JP03722295B2 | AOL Inc.             |
| 6,832,321 | Public Network Access Server Having a User-Configurable Firewall                                              | 13/169,451 |                             | CA2390184;<br>JP3819295                                                                    | AOL Inc.             |
| 6,854,057 | Digital Certificate Proxy                                                                                     |            |                             |                                                                                            | AOL Inc.             |

## Schedule A - Assigned Patents

|           |                                                                                                               |            |                             |                                                                              |          |
|-----------|---------------------------------------------------------------------------------------------------------------|------------|-----------------------------|------------------------------------------------------------------------------|----------|
| 6,885,993 | Method and System for Reduction of Quantization-Induced Block-Discontinuities and General Purpose Audio Codec | 13/191,496 |                             | CA2373520C;<br>DE60014363T2;<br>DE60041790D1;<br>EP1181686B1;<br>EP1480201B1 | AOL Inc. |
| 6,892,200 | JavaScript Engine                                                                                             |            |                             |                                                                              | AOL Inc. |
| 6,912,564 | System for instant messaging the sender and recipients of an e-mail message                                   | 11/150,180 | CA2486135A1;<br>EP1535141A4 |                                                                              | AOL Inc. |
| 6,938,167 | Using Trusted Communication Channel to Combat User Name/Password Theft                                        |            |                             |                                                                              | AOL Inc. |
| 6,944,669 | Sharing the Personal Information of a Network User with the Resources Accessed by that Network User           |            |                             |                                                                              | AOL Inc. |
| 6,947,993 | Providing a Network Communication Status Description Based on User Characteristics                            |            |                             |                                                                              | AOL Inc. |
| 6,961,722 | Automated Electronic Dictionary                                                                               |            |                             |                                                                              | AOL Inc. |
| 6,965,564 | Wireless Datagram Transaction Protocol System                                                                 | 13/273,593 |                             |                                                                              | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                      |            |                                                                |                                                                               |          |
|-----------|------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------|-------------------------------------------------------------------------------|----------|
| 6,987,847 | Communication Device Monitoring                                                                      |            |                                                                |                                                                               | AOL Inc. |
| 7,024,438 | Method of Generating Positive Integer Number in Hebrew Number System                                 |            |                                                                |                                                                               | AOL Inc. |
| 7,031,698 | Communicating Forwarding Information for a Communications Device Based on Detected Physical Location |            |                                                                |                                                                               | AOL Inc. |
| 7,039,193 | Automatic Microphone Detection                                                                       |            | AU200145826A;<br>AU200155831A;<br>AU200213208A;<br>EP1346543A2 | CA2403520C;<br>CN100401733C;<br>DE60132433T2;<br>EP1264469B1;<br>JP04467220B2 | AOL Inc. |
| 7,039,596 | Calendar Overlays                                                                                    | 12/686,162 | EP1466287A4                                                    |                                                                               | AOL Inc. |
| 7,043,264 | Message Transmission in a GPRS Environment                                                           |            |                                                                |                                                                               | AOL Inc. |
| 7,043,606 | Automatic Browser Web Cache Resizing System                                                          |            |                                                                |                                                                               | AOL Inc. |
| 7,054,488 | Method for Determining Transparency in Images Extraction                                             |            |                                                                |                                                                               | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                          |            |                                |                                                                        |                      |
|-----------|--------------------------------------------------------------------------|------------|--------------------------------|------------------------------------------------------------------------|----------------------|
| 7,058,673 | Method for Generating Positive Integer Number in Chinese Number System   |            |                                |                                                                        | AOL Inc.             |
| 7,058,892 | Displaying Content from Multiple Servers                                 | 11/408,166 | AU199852008A;<br>JP2001503893A | CA2270969C;<br>CA2357494C                                              | AOL Inc.             |
| 7,068,770 |                                                                          |            | IL121501A;<br>JP2001513603A    | AT527811T;<br>AU749596B2;<br>CA2568095C;<br>CN1278537C;<br>EP1002417B2 | AOL Advertising Inc. |
| 7,080,148 | Translating Switch and Method                                            |            |                                |                                                                        | AOL Inc.             |
| 7,082,573 | Method and System For Managing Digital Assets                            | 12/371,770 |                                |                                                                        | AOL Inc.             |
| 7,089,246 | Overriding Content Ratings and Restricting Access to Requested Resources |            |                                |                                                                        | AOL Inc.             |
| 7,107,447 | Use of Pseudonyms vs. Real Names                                         |            |                                |                                                                        | AOL Inc.             |
| 7,124,132 | Domain Specification System for an LDAP ACL Entry                        |            |                                |                                                                        | AOL Inc.             |
| 7,124,136 | Method and System for Processing Data in a Multi-Database System         |            |                                |                                                                        | AOL Inc.             |

## Schedule A - Assigned Patents

|           |                                                                                   |            |                                                                                  |                                                                     |          |
|-----------|-----------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------|----------|
| 7,124,166 | Duplicating Digital Streams for Digital Conferencing Using Switching Technologies | 13/053,903 | AU2002256379A1;<br>CA2445869A1;<br>EP1384157A4;<br>EP2395700A2;<br>JP2004533755A | CN100483384C;<br>IN234319; IN238819;<br>JP04065411B2;<br>KR503128B1 | AOL Inc. |
| 7,124,370 | Presence and Geographic Location Notification Based on a Delegation Model         | 13/015,818 | CA2526187A1;<br>IN2005DN05804                                                    | AT534987T;<br>EP1629457B1                                           | AOL Inc. |
| 7,127,685 | Instant Messaging Interface Having A Tear-Off Element                             | 11/872,635 |                                                                                  |                                                                     | AOL Inc. |
| 7,130,388 | Portable Message Waiting Indicator                                                |            |                                                                                  |                                                                     | AOL Inc. |
| 7,130,841 | Enabling a Search for Both Local and Remote Electronic Content                    | 11/552,830 |                                                                                  |                                                                     | AOL Inc. |
| 7,136,829 | Method and Apparatus for Providing a Shopping List Service                        | 11/559,351 |                                                                                  |                                                                     | AOL Inc. |
| 7,143,158 | Generating Metrics For Networked Devices                                          | 12/792,111 |                                                                                  |                                                                     | AOL Inc. |
| 7,146,505 | Secure Data Exchange Between Data Processing Systems                              | 13/030,986 | JP2003501715A                                                                    |                                                                     | AOL Inc. |
| 7,158,982 | Declarative, Data-Neutral Client-Server Data Transport Mechanism                  |            |                                                                                  |                                                                     | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                                  |            |                               |                                                                              |                      |
|-----------|------------------------------------------------------------------------------------------------------------------|------------|-------------------------------|------------------------------------------------------------------------------|----------------------|
| 7165119   |                                                                                                                  |            |                               | IN2006KN00863                                                                | AOL Inc.             |
| 7,173,608 | Bluetooth-Enabled Pen                                                                                            |            |                               |                                                                              | AOL Inc.             |
| 7,174,453 | Message Screening System                                                                                         | 13/345,398 |                               |                                                                              | AOL Inc.             |
| 7,181,403 | Method and System For Reduction of Quantization-Induced Block-discontinuities and General Purpose Audio Codec    | 13/191,496 |                               | CA2373520C;<br>DE60014363T2;<br>DE60041790D1;<br>EP1181686B1;<br>EP1480201B1 | AOL Inc.             |
| 7,181,497 | Messaging Application User Interface For Auto-Completing Address Text And Modifying The Auto-Completion Behavior |            | EP1360603A2;<br>JP2003527666A |                                                                              |                      |
| 7,181,513 | Restricting Access to Requested Resources                                                                        |            |                               |                                                                              | AOL Inc.             |
| 7,184,971 | Method and Apparatus for an E-mail Affiliate Program                                                             |            |                               |                                                                              | AOL Advertising Inc. |
| 7,193,609 | Constraining Display Motion in Display Navigation                                                                | 12/963,444 |                               |                                                                              | AOL Inc.             |
| 7,194,484 | Correction of Address Information                                                                                |            |                               |                                                                              | AOL Inc.             |
| 7,200,577 | Method and Apparatus for Secure Online Transactions                                                              |            |                               |                                                                              | AOL Inc.             |

## Schedule A - Assigned Patents

|           |                                                                                                                          |            |                                 |                           |          |
|-----------|--------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------|---------------------------|----------|
| 7,207,067 | Enforcing Data Protection Legislation in Web Data Services                                                               |            |                                 |                           | AOL Inc. |
| 7,213,018 | Directory Server Views                                                                                                   |            | IN2004KN00915;<br>JP2005516280A |                           | AOL Inc. |
| 7,213,036 | System for Incorporating Information About the Source and Usage of a Media Asset into the Asset Itself                   | 13/420,446 |                                 |                           | AOL Inc. |
| 7,216,144 | Facilitating Negotiations Between Users Of A Computer Network Through Messaging Communications Enabling User Interaction |            | JP2003506783A;<br>JP2009193591A | CA2381174C;<br>CN1322448C |          |
| 7,219,303 | Presence and Geo-location Notification Based on Setting                                                                  | 11/747,730 | CA2526187A1;<br>IN2005DN05804   | AT534987T;<br>EP1629457B1 | AOL Inc. |
| 7,222,157 | Identification and Filtration of Digital Communications                                                                  |            |                                 |                           | AOL Inc. |
| 7,224,774 | Real Time Call Control System                                                                                            |            |                                 |                           | AOL Inc. |
| 7,224,778 | Method and Apparatus for Managing Subscription-Type Messages                                                             |            |                                 |                           | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                      |            |                                                                                  |                                                                               |          |
|-----------|------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------|
| 7,224,988 | Communicating Forwarding Information for a Communications Device Based on Detected Physical Location |            |                                                                                  |                                                                               | AOL Inc. |
| 7,228,417 | Simple Secure Login with Multiple Authentication Providers                                           |            |                                                                                  |                                                                               | AOL Inc. |
| 7,231,453 | Temporal Drift Correction                                                                            |            | AU200145826A;<br>AU200155831A;<br>AU200213208A;<br>EP1346543A2                   | CA2403520C;<br>CN100401733C;<br>DE60132433T2;<br>EP1264469B1;<br>JP04467220B2 | AOL Inc. |
| 7,231,644 | Optimized Delivery of Web Application Code                                                           | 13/104,290 |                                                                                  |                                                                               | AOL Inc. |
| 7,237,033 | Duplicating Switch For Streaming Data Units To A Terminal                                            | 13/173,290 | AU2002256379A1;<br>CA2445869A1;<br>EP1384157A4;<br>EP2395700A2;<br>JP2004533755A | CN100483384C;<br>IN234319; IN238819;<br>JP04065411B2;<br>KR503128B1           | AOL Inc. |
| 7,237,201 | Geographic Location Notification Based on Identity Linking                                           | 11/747,745 |                                                                                  |                                                                               | AOL Inc. |
| 7,237,257 | Leveraging a Persistent Connection to Access a Secured Service                                       |            |                                                                                  |                                                                               | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                       |                           |                                                                                  |                                                                              |          |
|-----------|-----------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------|
| 7,250,939 | Display Motion Multiplier                                             | 11/830,566                |                                                                                  |                                                                              | AOL Inc. |
| 7,260,836 | System and Method for Distributed Authentication Service              |                           |                                                                                  |                                                                              | AOL Inc. |
| 7,263,614 | Implicit Access For Communications Pathway                            |                           |                                                                                  |                                                                              | AOL Inc. |
| 7,266,609 | Generating Multiple Data Streams from a Single Data Source            | 11/848,430;<br>13/173,290 | AU2002256379A1;<br>CA2445869A1;<br>EP1384157A4;<br>EP2395700A2;<br>JP2004533755A | CN100483384C;<br>IN234319; IN238819;<br>JP04065411B2;<br>KR503128B1          | AOL Inc. |
| 7,266,776 | Facilitating Communications Between Computer Users Across a Network   |                           |                                                                                  |                                                                              | AOL Inc. |
| 7,277,912 | Browser Environment Using Multiple Browser Instantiations             |                           |                                                                                  |                                                                              | AOL Inc. |
| 7,281,053 | Method and System for Dynamic Latency Management and Drift Correction |                           | AU200145826A;<br>AU200155831A;<br>AU200213208A;<br>EP1346543A2                   | CA2403520C;<br>CN100401733C;<br>DE6013243T2;<br>EP1264469B1;<br>JP04467220B2 | AOL Inc. |
| 7,281,215 | IM Conversation Counter and Indicator                                 |                           |                                                                                  |                                                                              | AOL Inc. |
| 7,283,505 | Configuring Wireless Access Points                                    |                           |                                                                                  |                                                                              | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                              |            |                                                                                  |                                                                     |          |
|-----------|----------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------|----------|
| 7,284,187 | Encapsulated Document and Format System                                                      |            | JP2002505020A                                                                    | AU748282B2                                                          | AOL Inc. |
| 7,284,207 | Instant Messaging Interface Having a Tear-Off Element                                        | 11/872,635 |                                                                                  |                                                                     | AOL Inc. |
| 7,287,005 | Method for Supplementing Descriptors for Online Banking Transaction Statements               |            |                                                                                  |                                                                     | AOL Inc. |
| 7,289,617 | Phone Line Supervisory Controls                                                              |            | EP1829346A4                                                                      |                                                                     | AOL Inc. |
| 7,290,247 | Help Center And Filtering Applications                                                       |            |                                                                                  |                                                                     | AOL Inc. |
| 7,292,571 | Load Balancing With Direct Terminal Response                                                 | 13/173,290 | AU2002256379A1;<br>CA2445869A1;<br>EP1384157A4;<br>EP2395700A2;<br>JP2004533755A | CN100483384C;<br>IN234319; IN238819;<br>JP04065411B2;<br>KR503128B1 | AOL Inc. |
| 7,296,243 | Animating Display Motion                                                                     |            |                                                                                  |                                                                     | AOL Inc. |
| 7,305,385 | N-gram based Text searching                                                                  |            |                                                                                  |                                                                     | AOL Inc. |
| 7,305,432 | Privacy Preferences Roaming And Enforcement                                                  |            |                                                                                  |                                                                     | AOL Inc. |
| 7,305,470 | Method for Displaying Web User's Authentication Status in a Distributed Single Login Network |            |                                                                                  |                                                                     | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                          |                                                              |                                                                                                                                                                   |  |                           |
|-----------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|
| 7,305,713 | Online Image Protection                                                                                  |                                                              |                                                                                                                                                                   |  | AOL Inc.                  |
| 7,313,384 | Configuring Wireless Devices                                                                             |                                                              |                                                                                                                                                                   |  | AOL Inc.                  |
| 7,321,824 | Presenting A Travel Route Using More Than One Presentation Style                                         | 12/929,959                                                   |                                                                                                                                                                   |  | MapQuest, Inc.            |
| 7,324,826 | Method And System For Instant Messaging Across Cellular Networks And A Public Data Network               | AU200145497A;<br>CA2547294A1;<br>CN1801962B;<br>IN2004KOL279 | AU2001245497B2;<br>AU2007200208B2;<br>CA2400807C;<br>CN1226886C;<br>DE60141324D1;<br>EP1264413B1;<br>HK1057302A1;<br>JP03914921B2;<br>JP04890717B2;<br>KR693681B1 |  |                           |
| 7,324,964 | Method and Apparatus for Commerce Item Information Homogenization in Electronic Commerce System          |                                                              |                                                                                                                                                                   |  | AOL Inc.                  |
| 7,324,990 | Real Time Relevance Determination System And A Method For Calculation Relevancy Of Real Time Information |                                                              |                                                                                                                                                                   |  | The Relegence Corporation |

## Schedule A - Assigned Patents

|           |                                                                                                                         |            |                                 |  |          |
|-----------|-------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------|--|----------|
| 7,325,065 | Identifying Unauthorized Communication Systems Using a System-Specific Identifier                                       |            |                                 |  | AOL Inc. |
| 7,328,337 | Trust Grant and Revocation From A Master Key To Secondary Keys                                                          |            | IN2003KN01515;<br>JP2004535118A |  | AOL Inc. |
| 7,334,000 | Method and Apparatus for Calendarling Reminders                                                                         | 13/267,818 |                                 |  | AOL Inc. |
| 7,334,021 | Personalized Away Messages                                                                                              |            |                                 |  | AOL Inc. |
| 7,340,470 | Retrieving and Providing Contextaul Information                                                                         |            |                                 |  | AOL Inc. |
| 7,343,419 | Rerouting Media to Selected Media Applications                                                                          |            |                                 |  | AOL Inc. |
| 7,346,587 | Intelligent Method of Order Completion in an E-Commerce Environment Based on Availability of Stored Billing Information | 10/690,145 |                                 |  | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                                       |                           |                                |                                                              |          |
|-----------|-----------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------|--------------------------------------------------------------|----------|
| 7,349,892 | System and Method for Geographically Organizing and Classifying Businesses on the World-Wide Web                      | 12/685,799                |                                |                                                              | AOL Inc. |
| 7,350,146 | Help Center and Condition-Based Applications                                                                          |                           |                                |                                                              | AOL Inc. |
| 7,353,234 | Customized User Interface Based On User Profile Information                                                           | 12/059,157;<br>12/493,682 |                                |                                                              | AOL Inc. |
| 7,353,280 | Home-Networking                                                                                                       |                           | AU200145827A;<br>JP2003528539A | CA2403709C;<br>CN100337461C;<br>DE60103625T2;<br>EP1266507B1 | AOL Inc. |
| 7,359,493 | Bulk Voicemail                                                                                                        |                           |                                |                                                              | AOL Inc. |
| 7,359,973 | Home-Networking                                                                                                       |                           | AU200145827A;<br>JP2003528539A | CA2403709C;<br>CN100337461C;<br>DE60103625T2;<br>EP1266507B1 | AOL Inc. |
| 7,363,345 | Electronic Notification Delivery Mechanism Selection Based On Recipient Presence Information And Notification Content |                           | CA2496822A1;<br>EP1535180A4    |                                                              | AOL Inc. |
| 7,366,779 | Direct File Transfer Between Subscribers of a Communications System                                                   | 13/154,328                |                                |                                                              | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                |            |                                                                |                                                                               |              |
|-----------|--------------------------------------------------------------------------------|------------|----------------------------------------------------------------|-------------------------------------------------------------------------------|--------------|
| 7,366,977 | Method and systems of automated client-server data validation                  | 12/110,192 |                                                                |                                                                               | AOL Inc.     |
| 7,370,277 | E-Mail Interface Having an Informational Tool Tip                              | 13/036,949 |                                                                |                                                                               | AOL Inc.     |
| 7,370,381 | Method and Apparatus for a Ranking Engine                                      | 13/051,454 |                                                                | AU2005309617B2;<br>CA2588219A1;<br>JP2008521147A                              | Truevo, Inc. |
| 7,379,949 | Analyzing A Query Log For Use In Managing Category-Specific Electronic Content |            |                                                                | AU2005262365B2;<br>CN101044478A;<br>IN2007DN00228;<br>JP2008505407A           | AOL Inc.     |
| 7,380,007 | Automatic User Session                                                         |            |                                                                |                                                                               | AOL Inc.     |
| 7,383,308 | Buddy List-Based Sharing of Electronic Information                             | 12/986,941 |                                                                |                                                                               | AOL Inc.     |
| 7,386,798 | Sharing On-Line Media Experiences                                              | 12/044,168 |                                                                |                                                                               | AOL Inc.     |
| 7,392,262 | Improving the Reliability of Duplicate Document Detecting Algorithms           | 13/185,238 |                                                                |                                                                               | AOL Inc.     |
| 7,392,306 | Instant Messaging Client Having an Embedded Browser                            |            | AU200145826A;<br>AU200155831A;<br>AU200213208A;<br>EP1346543A2 | CA2403520C;<br>CN100401733C;<br>DE60132433T2;<br>EP1264469B1;<br>JP04467220B2 | AOL Inc.     |
| 7,395,212 | Online Reactivation of an Account or Service                                   |            |                                                                |                                                                               | AOL Inc.     |

## Schedule A - Assigned Patents

|           |                                                                                                                              |            |                                |                                                                              |          |
|-----------|------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------|------------------------------------------------------------------------------|----------|
| 7,398,463 | High Performance<br>"Freeze Dried" Dynamic<br>Web Page Generation                                                            | 12/719,354 |                                |                                                                              | AOL Inc. |
| 7,401,115 | Processing Selected<br>Browser Requests                                                                                      | 13/191,844 |                                |                                                                              | AOL Inc. |
| 7,406,506 | Identification and<br>Filtration of Digital<br>Communications                                                                |            |                                |                                                                              | AOL Inc. |
| 7,409,451 | Switching Between<br>Connectivity Types To<br>Maintain Connectivity                                                          | 12/966,593 |                                |                                                                              | AOL Inc. |
| 7,412,644 | System and Process for<br>Delivering and<br>Rendering Scalable Web<br>Pages                                                  |            | AU200131259A;<br>JP2003521784A |                                                                              | AOL Inc. |
| 7,418,395 | Method and System For<br>Reduction of<br>Quantization-Induced<br>Block-discontinuities<br>and General Purpose<br>Audio Codec | 13/191,496 |                                | CA2373520C;<br>DE60014363T2;<br>DE60041790D1;<br>EP1181686B1;<br>EP1480201B1 | AOL Inc. |
| 7,421,580 | Method and Apparatus<br>for Synchronizing E-Mail<br>Addresses                                                                |            |                                |                                                                              | AOL Inc. |
| 7,421,661 | Instant Messaging<br>Interface Having An<br>Informational Tool Tip                                                           | 13/036,949 |                                |                                                                              | AOL Inc. |
| 7,424,476 | Categorized Web<br>Browsing History                                                                                          | 12/878,791 | IN2006KN03068                  |                                                                              | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                    |                           |                                                                                                                                                                             |                                                                                                                                                                               |          |
|-----------|------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 7,428,580 | Electronic Message Forwarding                                                      | 11/023,652;<br>12/236,255 | BR200416988A;<br>IL175856D0;<br>IN2005DN02323;<br>IN2005DN04437;<br>IN2005DN04537;<br>JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A | CA2506417C;<br>CA2547240C;<br>CN100476805C;<br>CN100486370C;<br>CN100486370C;<br>DE60322938D1;<br>EP1565845B1;<br>HK1087801A1;<br>IN241192;<br>KR799658B1;<br>MX2005PA005313A | AOL Inc. |
| 7,428,585 | Local Device Access Controls                                                       |                           |                                                                                                                                                                             |                                                                                                                                                                               | AOL Inc. |
| 7,430,609 | Managing Access To Streams Hosted on Duplicating Switches                          | 13/173,290                | AU2002256379A1;<br>CA2445869A1;<br>EP1384157A4;<br>EP2395700A2;<br>JP2004533755A                                                                                            | CN100483384C;<br>IN234319; IN238819;<br>JP04065411B2;<br>KR503128B1                                                                                                           | AOL Inc. |
| 7,430,720 | System and Method for Preventing Screen-Scrapers From Extracting User Screen Names |                           |                                                                                                                                                                             |                                                                                                                                                                               | AOL Inc. |
| 7,434,169 | Facilitating Communications Between Computer Users Across a Network                |                           |                                                                                                                                                                             |                                                                                                                                                                               | AOL Inc. |
| 7,437,594 | Server-Side Session Management                                                     |                           |                                                                                                                                                                             |                                                                                                                                                                               | AOL Inc. |
| 7,440,562 | Phone Line Supervisory Controls                                                    |                           | EP1829346A4                                                                                                                                                                 |                                                                                                                                                                               | AOL Inc. |

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|           |                                                                                                                      |            |  |  |          |
|-----------|----------------------------------------------------------------------------------------------------------------------|------------|--|--|----------|
| 7,444,297 | Method and Medium For Associating A Wish List With Buddy List Screen Name                                            |            |  |  | AOL Inc. |
| 7,444,678 | Securing Resources From Untrusted Scripts Behind Firewalls                                                           |            |  |  | AOL Inc. |
| 7,447,747 | Method for Flexible, Safe, Robust, and Efficient Generation and Serving of Multi-Source World-Wide Web Content Pages |            |  |  | AOL Inc. |
| 7,454,564 | Automatic Cache Resizing System                                                                                      |            |  |  | AOL Inc. |
| 7,454,709 | User Definable On-Line Co-User Lists                                                                                 | 13/347,277 |  |  | AOL Inc. |
| 7,454,714 | Visually Distinguishing Menu Items                                                                                   |            |  |  | AOL Inc. |
| 7,454,758 | Inter-Process Communication on a Computer                                                                            |            |  |  | AOL Inc. |
| 7,457,855 | Network Configuration Management                                                                                     |            |  |  | AOL Inc. |
| 7,461,145 | Generating Metrics For Networked Devices                                                                             |            |  |  | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                                                                                                  |            |  |  |          |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--|--|----------|
| 7,467,232 | Search Enhancement System and Method Having Rankings, Explicitly Specified By The User, Based Upon Applicability and Validity Of Search Parameters In Regard To A Subject Matter |            |  |  | AOL Inc. |
| 7,468,729 | Using An Avatar To Generate User Profile Information                                                                                                                             |            |  |  | AOL Inc. |
| 7,469,292 | Managing Electronic Messages Using Contact Information                                                                                                                           |            |  |  | AOL Inc. |
| 7,475,109 | Personalized Auto-Reply Messages Based On Categories                                                                                                                             |            |  |  | AOL Inc. |
| 7,477,729 | Portable Message Waiting Indicator                                                                                                                                               |            |  |  | AOL Inc. |
| 7,478,056 | Activating A Communications System                                                                                                                                               |            |  |  | AOL Inc. |
| 7,487,444 | Reformatting Columns of Content for Display                                                                                                                                      |            |  |  | AOL Inc. |
| 7,490,238 | Implicit population of access control lists                                                                                                                                      |            |  |  | AOL Inc. |
| 7,490,775 | Intelligent Identification of Multimedia Content for Synchronization                                                                                                             | 13/434,457 |  |  | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                 |                           |                                                                                                 |                                    |          |
|-----------|-------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------|------------------------------------|----------|
| 7,496,604 | Reducing Duplication of Files on A Network                                                      |                           |                                                                                                 |                                    | AOL Inc. |
| 7,496,631 | Delivery of an Electronic Communication Using a Lifespan                                        |                           | CA2496822A1;<br>EP1535180A4                                                                     |                                    | AOL Inc. |
| 7,506,035 | Content-Based Alarm Clock                                                                       |                           |                                                                                                 |                                    | AOL Inc. |
| 7,512,652 | Passive personalization of buddy lists                                                          | 12/852,769;<br>12/336,880 | CA2462037A1;<br>CA2592387A1;<br>CN101815039A;<br>CN1578952B;<br>IN2004DN00708;<br>JP2005505054A | AU2002340039B2;<br>MX2004PA002788A |          |
| 7,516,182 | Practical Method for Reducing Unsolicited Electronic Messages by identifying Sender's Addresses |                           |                                                                                                 |                                    | AOL Inc. |
| 7,519,559 | Messaging Stamp Authority                                                                       | 13/212,103                |                                                                                                 |                                    | AOL Inc. |
| 7,526,728 | A Method and System for Managing Digital Assets                                                 | 12/371,770                |                                                                                                 |                                    | AOL Inc. |
| 7,526,730 | Identifying URL Target Hostnames                                                                |                           |                                                                                                 |                                    | AOL Inc. |
| 7,536,411 | Directory Server Views                                                                          |                           | IN2004KN00915;<br>JP2005516280A                                                                 |                                    | AOL Inc. |
| 7,539,942 | User Definable On-line Co-User Lists                                                            | 13/347,277                |                                                                                                 |                                    | AOL Inc. |

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|           |                                                             |                           |                                                |                                                           |              |
|-----------|-------------------------------------------------------------|---------------------------|------------------------------------------------|-----------------------------------------------------------|--------------|
| 7,543,018 | Caching Signatures                                          |                           | AU199726642A;<br>CA2731259A1;<br>JP2000508451A | CA2252045C;<br>CA2591578C;<br>DE69736298T2;<br>EP958587B1 | AOL Inc.     |
| 7,546,337 | Transferring Files                                          | 13/218,654                |                                                |                                                           | AOL Inc.     |
| 7,546,537 | Gradual Image Display                                       |                           |                                                |                                                           | AOL Inc.     |
| 7,548,956 | Spam control based on sender account characteristics        |                           |                                                |                                                           | AOL Inc.     |
| 7,552,172 | Multi-Windowed Online Application Environment               |                           |                                                |                                                           | AOL Inc.     |
| 7,555,721 | Customized User Interface                                   | 12/059,157;<br>12/493,682 |                                                |                                                           | AOL Inc.     |
| 7,558,828 | Enabling Electronic Logging Using an Instant Message System | 12/498,205                |                                                |                                                           | AOL Inc.     |
| 7,562,069 | Query Disambiguation                                        | 12/425,636                |                                                | AU2005262365B2                                            | AOL Inc.     |
| 7,567,662 | Conference Calls Via Electronic Messaging Interface         |                           |                                                |                                                           | AOL Inc.     |
| 7,584,194 | Method and Apparatus for an Application Crawler             | 12/406,404                |                                                | AU2005309617B2                                            | Truveo, Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                                    |                                          |                                                                                                                                                                             |                                                                                                                                                              |          |
|-----------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 7,590,696 | Enhanced Buddy List<br>Using Mobile Device<br>Identifiers                                                          | 10/715,213;<br>11/023,652;<br>12/236,255 | BR200416988A;<br>IL175856D0;<br>IN2005DN02323;<br>IN2005DN04437;<br>IN2005DN04537;<br>JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A | CA2506417C;<br>CA2547240C;<br>CN100476805C;<br>CN100486370C;<br>DE60322938D1;<br>EP1565845B1;<br>HK1087801A1;<br>IN241192;<br>KR799658B1;<br>MX2005PA005313A | AOL Inc. |
| 7,591,004 | Using Trusted<br>Communication<br>Channel to Combat User<br>Name/Password Theft                                    |                                          |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,593,928 | Dynamically Altering<br>Search Result Page<br>Layout To Increase User<br>Response                                  |                                          |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,594,003 | Client/Server Web<br>Application<br>Architectures For<br>Offline Usage, Data<br>Structures, and Related<br>Methods |                                          |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,599,990 | Buddy List-Based<br>Sharing of Electronic<br>Information                                                           | 12/986,941                               |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                           |            |                                                                                                                                                                             |                                                                                                                                                              |          |
|-----------|---------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 7,600,032 | Temporal Drift Correction                                                 |            | AU200145826A;<br>AU200155831A;<br>AU200213208A;<br>EP1346543A2                                                                                                              | CA2403520C;<br>CN100401733C;<br>DE60132433T2;<br>EP1264469B1;<br>JP04467220B2                                                                                | AOL Inc. |
| 7,603,413 | Using Automated Agents To Facilitate Chat Communications                  | 13/269,133 |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,603,417 | Determining/identifying and Using Identities Deemed to be Known to a User |            | BR200416988A;<br>IL175856D0;<br>IN2005DN02323;<br>IN2005DN04437;<br>IN2005DN04537;<br>JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A | CA2506417C;<br>CA2547240C;<br>CN100476805C;<br>CN100486370C;<br>DE60322938D1;<br>EP1565845B1;<br>HK1087801A1;<br>IN241192;<br>KR799658B1;<br>MX2005PA005313A | AOL Inc. |
| 7,606,580 | Personalized Location Information for Mobile Devices                      | 12/986,121 |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,613,690 | Real Time Query Trends with Multi-Document Summarization                  | 12/574,437 |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                       |            |                                                                                                                                                                             |                                                                                                                                                              |                      |
|-----------|-------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 7,613,776 | Determining/Identifying and Using Identities Deemed to be Known to a User                             |            | BR200416988A;<br>IL175856D0;<br>IN2005DN02323;<br>IN2005DN04437;<br>IN2005DN04537;<br>JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A | CA2506417C;<br>CA2547240C;<br>CN100476805C;<br>CN100486370C;<br>DE60322938D1;<br>EP1565845B1;<br>HK1087801A1;<br>IN241192;<br>KR799658B1;<br>MX2005PA005313A | AOL Inc.             |
| 7,613,779 | Self-Policing, Rate Limiting Online Forums                                                            | 12/574,989 |                                                                                                                                                                             | AU725838B2;<br>CA2290524C;<br>DE69802925T2;<br>EP983540B8;<br>HK1026486A1;<br>JP03722295B2                                                                   | AOL Inc.             |
| 7,617,121 | Apparatus and Method for Hyperlinking Specific Words in Content to Turn the Words into Advertisements |            |                                                                                                                                                                             |                                                                                                                                                              | AOL Advertising Inc. |
| 7,620,363 | Proximity Synchronization Of Audio Content Among Multiple Playback And Storage Devices                | 13/101,581 |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc.             |

## Schedule A - Assigned Patents

|           |                                                                                          |            |                                                                |                                                                               |          |
|-----------|------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------|-------------------------------------------------------------------------------|----------|
| 7,620,691 | Filtering Electronic Messages While Permitting Delivery Of Solicited Electronic Messages |            |                                                                |                                                                               | AOL Inc. |
| 7,624,103 | Culturally Relevant Search Results                                                       |            |                                                                |                                                                               | AOL Inc. |
| 7,624,172 | State Change Alerts Mechanism                                                            | 12/615,136 | AU200145826A;<br>AU200155831A;<br>AU200213208A;<br>EP1346543A2 | CA2403520C;<br>CN100401733C;<br>DE60132433T2;<br>EP1264469B1;<br>JP04467220B2 | AOL Inc. |
| 7,624,274 | Decreasing the Fragility of Duplicate Document Detecting Algorithms                      |            |                                                                |                                                                               | AOL Inc. |
| 7,627,635 | Managing Self-Addressed Electronic                                                       |            |                                                                |                                                                               | AOL Inc. |
| 7,627,830 | Click-To-Add, Jot-It-Down, and Add Banner                                                | 12/576,883 |                                                                |                                                                               | AOL Inc. |
| 7,636,777 | Restricting Access to Requested Resources                                                |            |                                                                |                                                                               | AOL Inc. |
| 7,640,232 | Search Enhancement System with Information from a Selected Source                        |            |                                                                |                                                                               | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                           |                           |                                                                                                                                                                             |                                                                                                                                                              |          |
|-----------|-------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 7,640,306 | Reconfiguring an Electronic Message to Effect an Enhanced Notification                    | 13/189,972                | BR200416988A;<br>IL175856D0;<br>IN2005DN02323;<br>IN2005DN04437;<br>IN2005DN04537;<br>JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A | CA2506417C;<br>CA2547240C;<br>CN100476805C;<br>CN100486370C;<br>DE60322938D1;<br>EP1565845B1;<br>HK1087801A1;<br>IN241192;<br>KR799658B1;<br>MX2005PA005313A | AOL Inc. |
| 7,640,336 | Supervising User Interaction With Online Services                                         |                           |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,644,166 | Source Audio Identifiers For Digital Communications                                       | 12/651,789;<br>13/185,917 | CN1781291B;<br>EP1602051A2                                                                                                                                                  | KR749456B1                                                                                                                                                   | AOL Inc. |
| 7,647,375 | Enabling Mapping Identification Of Online Identities Between Different Messaging Services | 13/191,681                |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,647,381 | Federated Challenge Credit System                                                         | 12/633,374                |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,650,383 | Electronic Messaging System with Federation of Trusted Senders                            | 12/633,290                |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,653,379 | Configuring Wireless Devices                                                              |                           |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                  |                           |                                                                                                                                                                             |                                                                                                                                                              |          |
|-----------|--------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 7,653,693 | Managing Instant Messages                                                                        | 12/689,699                | BR200416988A;<br>IL175856D0;<br>IN2005DN02323;<br>IN2005DN04437;<br>IN2005DN04537;<br>JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A | CA2506417C;<br>CA2547240C;<br>CN100476805C;<br>CN100486370C;<br>DE60322938D1;<br>EP1565845B1;<br>HK1087801A1;<br>IN241192;<br>KR799658B1;<br>MX2005PA005313A | AOL Inc. |
| 7,660,784 | Geographically Resolving a Keyword                                                               |                           |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,664,673 | Smart Transfer                                                                                   |                           |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,664,767 | System and Method for Geographically Organizing and Classifying Businesses on the World-Wide Web | 12/685,799                |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,668,775 | Calendar Overlays                                                                                | 12/686,162                | EP1466287A4                                                                                                                                                                 |                                                                                                                                                              | AOL Inc. |
| 7,689,655 | Managing and Collaborating With Digital Content Using A Dynamic User Interface                   | 12/728,845                |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,693,944 | Recipient Control Of Source Audio Identifiers For Digital Communications                         | 12/651,789;<br>13/185,917 | CN1781291B;<br>EP1602051A2                                                                                                                                                  | KR749456B1                                                                                                                                                   | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                   |            |                                                                                  |                                                                     |          |
|-----------|-----------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------|----------|
| 7,694,013 | Duplicating Switch For Streaming Data Units To A Terminal                         | 13/173,290 | AU2002256379A1;<br>CA2445869A1;<br>EP1384157A4;<br>EP2395700A2;<br>JP2004533755A | CN100483384C;<br>IN234319; IN238819;<br>JP04065411B2;<br>KR503128B1 | AOL Inc. |
| 7,698,173 | Method And Medium For Customizing The Presentation Of Content Displayed To A User |            |                                                                                  |                                                                     | AOL Inc. |
| 7,698,649 | Facilitating Communications Between Computer Users Across a Network               |            |                                                                                  |                                                                     | AOL Inc. |
| 7,702,675 | Automated Categorization of RSS Feeds Using Standardized Directory Structures     |            |                                                                                  |                                                                     | AOL Inc. |
| 7,703,010 | High Performance "Freeze Dried" Dynamic Web Page Generation                       | 12/719,354 |                                                                                  |                                                                     | AOL Inc. |
| 7,707,226 | Presentation Of Content Items Based On Dynamic Monitoring Of Real-Time Context    |            |                                                                                  |                                                                     | AOL Inc. |
| 7,707,261 | Identification and Filtration of Digital Communications                           |            |                                                                                  |                                                                     | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                            |            |                                                                                                 |                                    |          |
|-----------|--------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------|------------------------------------|----------|
| 7,707,627 | Leveraging a Persistent Connection to Access a Secured Service                             |            |                                                                                                 |                                    | AOL Inc. |
| 7,711,193 |                                                                                            |            |                                                                                                 |                                    | AOL Inc. |
| 7,716,236 | Temporal Search Query Personalization                                                      | 12/723,778 |                                                                                                 |                                    | AOL Inc. |
| 7,716,287 | Organizing Entries in Participant Lists Based on Communications Strengths                  | 12/765,045 | CA2462037A1;<br>CA2592387A1;<br>CN101815039A;<br>CN1578952B;<br>IN2004DN00708;<br>JP2005505054A | AU2002340039B2;<br>MX2004PA002788A | AOL Inc. |
| 7,720,037 | Wireless Social Networking                                                                 | 12/781,439 |                                                                                                 |                                    | AOL Inc. |
| 7,721,329 | Method and System for Trust-Based, Fine-Grained Rate Limiting of Network Requests          | 12/705,365 | IN2006KN01380                                                                                   |                                    | AOL Inc. |
| 7,725,475 | Simplifying Lexicon Creation in Hybrid Duplicate Detection and Inductive Classifier System | 12/780,500 |                                                                                                 |                                    | AOL Inc. |
| 7,725,481 | Retrieving and Providing Contextual Information                                            |            |                                                                                                 |                                    | AOL Inc. |
| 7,730,137 | Technique for Restricting the Volume of Outbound Email Messages                            |            |                                                                                                 |                                    | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                                   |            |  |                             |          |
|-----------|-------------------------------------------------------------------------------------------------------------------|------------|--|-----------------------------|----------|
| 7,734,042 | A System and Method for Using a Streaming Protocol                                                                | 12/786,129 |  |                             | AOL Inc. |
| 7,734,708 | Enabling Identification of Online Identities Between Different Messaging Services                                 | 12/801,398 |  |                             | AOL Inc. |
| 7,734,795 | Translating Switch and Method                                                                                     |            |  |                             | AOL Inc. |
| 7,739,370 | Generating Metrics For Networked Devices                                                                          | 12/792,111 |  |                             | AOL Inc. |
| 7,739,408 | System and Method For General Search Parameters Having Quantized Relevance Values That Are Associated With A User |            |  |                             | AOL Inc. |
| 7,739,611 | Providing a User Interface                                                                                        |            |  |                             | AOL Inc. |
| 7,742,999 | Help Center and Print Center Applications                                                                         | 12/775,794 |  |                             | AOL Inc. |
| 7,743,056 | Identifying a Result Responsive to a Current Location Of A Client Device                                          | 12/791,165 |  | CA2674031A1;<br>EP2118734A4 | AOL Inc. |
| 7,746,787 | Wireless Datagram Transaction Protocol System                                                                     | 13/273,593 |  |                             | AOL Inc. |

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|           |                                                                                                        |                           |                                                                                                 |                                    |          |
|-----------|--------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------|------------------------------------|----------|
| 7,747,603 | System for Incorporating Information About the Source and Usage of a Media Asset into the Asset Itself | 13/420,446                |                                                                                                 |                                    | AOL Inc. |
| 7,752,321 | Validating User Experience Type Settings                                                               | 12/819,343                |                                                                                                 |                                    | AOL Inc. |
| 7,760,707 | Voice Over Internet Protocol Application Development Framework                                         |                           |                                                                                                 |                                    | AOL Inc. |
| 7,765,265 | Identifying Users Sharing Common Characteristics                                                       | 12/815,847                |                                                                                                 |                                    | AOL Inc. |
| 7,765,484 | Passive Personalization of Buddy Lists                                                                 | 12/852,769;<br>12/336,880 | CA2462037A1;<br>CA2592387A1;<br>CN101815039A;<br>CN1578952B;<br>IN2004DN00708;<br>JP2005505054A | AU2002340039B2;<br>MX2004PA002788A |          |
| 7,765,584 | Simple, Secure Login with Multiple Authentication Providers                                            |                           |                                                                                                 |                                    | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                                                             |                           |                                                                                                                                                                             |                                                                                                                                                              |          |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 7,766,748 | Method Of Interfacing<br>On A Computer<br>Network By Visual<br>Representation Of<br>Users, Method Of<br>Interacting And<br>Computer Network |                           |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,769,811 | Instant Messaging<br>Sound Control                                                                                                          | 12/693,282                |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 7,774,410 | Handling a Multimedia<br>Object Associated With<br>An Electronic Message                                                                    |                           | BR200416988A;<br>IL175856D0;<br>IN2005DN02323;<br>IN2005DN04437;<br>IN2005DN04537;<br>JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A | CA2506417C;<br>CA2547240C;<br>CN100476805C;<br>CN100486370C;<br>DE60322938D1;<br>EP1565845B1;<br>HK1087801A1;<br>IN241192;<br>KR799658B1;<br>MX2005PA005313A | AOL Inc. |
| 7,774,711 | Automatic<br>Categorization of<br>Entries in a Contact List                                                                                 | 12/852,769;<br>12/336,880 | CA2462037A1;<br>CA2592387A1;<br>CN101815039A;<br>CN1578952B;<br>IN2004DN00708;<br>JP2005505054A                                                                             | AU2002340039B2;<br>MX2004PA002788A                                                                                                                           | AOL Inc. |
| 7,774,857 | Method And System For<br>Protection Of Electronic<br>Digital Content"                                                                       |                           |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                          |                           |                             |                                                                        |                      |
|-----------|----------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------|------------------------------------------------------------------------|----------------------|
| 7,778,396 |                                                                                                          |                           | IL121501A;<br>JP2001513603A | AT527811T;<br>AU749596B2;<br>CN1278537C;<br>CN1278537C;EP1002<br>417B2 | AOL Advertising Inc. |
| 7,779,345 | Reverse Mapping<br>Method for Form-Filling                                                               | 12/511,852;<br>12/511,864 |                             |                                                                        | AOL Inc.             |
| 7,783,532 | E-Couponing                                                                                              | 12/848,275;<br>13/087,506 | EP2078282A4                 |                                                                        | AOL Inc.             |
| 7,783,622 | Identification of<br>Electronic Content<br>Significant to a User                                         | 12/839,767                |                             |                                                                        | AOL Inc.             |
| 7,783,980 | Sharing Digital Items                                                                                    | 12/839,129                |                             |                                                                        | AOL Inc.             |
| 7,788,376 | Method for Displaying<br>Web User's<br>Authentication Status in<br>a Distributed Single<br>Login Network |                           |                             |                                                                        | AOL Inc.             |
| 7,797,338 | Personalized Web<br>Applications based on<br>Anticipation of User's<br>Interests                         |                           |                             |                                                                        | AOL Inc.             |
| 7,797,442 | Rerouting Media to<br>Selected Media<br>Applications                                                     |                           |                             |                                                                        | AOL Inc.             |
| 7,805,007 | Systems and Methods<br>for Image Processing                                                              |                           |                             |                                                                        | AOL Inc.             |
| 7,814,425 | Thumbnail Image<br>Previews                                                                              | 12/890,366                |                             |                                                                        | AOL Inc.             |

## Schedule A - Assigned Patents

|           |                                                                                                                   |            |                                                                |                                                                               |                      |
|-----------|-------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------|
| 7,818,379 | Notification and Disposition of Multiple Concurrent Instant Messaging Sessions Involving a Single Online Identity |            |                                                                |                                                                               | AOL Inc.             |
| 7,819,749 | Using A Participant List To Invite Players To An On-Line Game                                                     |            |                                                                |                                                                               | AOL Inc.             |
| 7,822,636 | Optimal Internet Ad Placement                                                                                     | 12/700,696 |                                                                |                                                                               | AOL Advertising Inc. |
| 7,822,703 | Automatic Verification of a User                                                                                  |            |                                                                |                                                                               | AOL Inc.             |
| 7,828,661 | Electronic Invitations for an On-Line Game                                                                        |            |                                                                |                                                                               | AOL Inc.             |
| 7,831,441 | Online Reactivation of an Account or Service                                                                      |            |                                                                |                                                                               | AOL Inc.             |
| 7,835,937 | Methods for Controlling an Advertising Campaign                                                                   |            |                                                                |                                                                               | AOL Advertising Inc. |
| 7,835,938 | Systems and Methods for Shaping a Reference Signal in Advertising                                                 |            |                                                                |                                                                               | AOL Advertising Inc. |
| 7,835,939 | Systems and Methods for Predicting Advertising Revenue                                                            |            |                                                                |                                                                               | AOL Advertising Inc. |
| 7,836,194 | Method and System for Dynamic Latency Management and Drift Correction                                             |            | AU200145826A;<br>AU200155831A;<br>AU200213208A;<br>EP1346543A2 | CA2403520C;<br>CN100401733C;<br>DE60132433T2;<br>EP1264469B1;<br>JP04467220B2 |                      |

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|           |                                                                                                         |            |  |  |          |
|-----------|---------------------------------------------------------------------------------------------------------|------------|--|--|----------|
| 7,853,702 | Switching Between Connectivity Types To Maintain Connectivity                                           | 12/966,593 |  |  | AOL Inc. |
| 7,865,839 | Focus Stealing Prevention                                                                               | 12/983,575 |  |  | AOL Inc. |
| 7,869,941 | Meeting Notification and Modification Service                                                           | 13/296,130 |  |  | AOL Inc. |
| 7,870,089 | Reducing Duplication of Embedded Resources on a network                                                 |            |  |  | AOL Inc. |
| 7,870,197 | System and Method to Facilitate Real-Time Communications and Content Sharing Among Users Over a Network | 12/987,788 |  |  | AOL Inc. |
| 7,870,215 | Buddy List-Based Sharing of Electronic Content                                                          | 12/986,941 |  |  | AOL Inc. |
| 7,872,640 | Constraining Display Motion in Display Navigation                                                       | 12/963,444 |  |  | AOL Inc. |
| 7,877,697 | IM Conversation Counter and Indicator                                                                   |            |  |  | AOL Inc. |
| 7,882,360 | Community Messaging Lists for Authorization to Deliver Electronic Messages                              | 12/987,609 |  |  | AOL Inc. |

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|           |                                                                                                                             |                           |                               |                           |          |
|-----------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|---------------------------|----------|
| 7,886,232 | Presence and Geographic Location Notification Based on a Delegation Model                                                   | 13/015,818                | CA2526187A1;<br>IN2005DN05804 | AT534987T;<br>EP1629457B1 | AOL Inc. |
| 7,890,123 | Personalized Location Information For Mobile Devices                                                                        | 12/986,121                |                               |                           | AOL Inc. |
| 7,890,661 | Proximity synchronizing audio gateway device                                                                                | 09/859,057;<br>13/019,783 |                               |                           | AOL Inc. |
| 7,895,335 | Enabling Communications of Electronic Data Between an Information Requestor and a Geographically Proximate Service Provider |                           |                               |                           | AOL Inc. |
| 7,895,446 | Secure Data Exchange Between Data Processing Systems                                                                        | 13/030,986                | JP2003501715A                 |                           | AOL Inc. |
| 7,899,257 | Systems and Methods for Image Processing                                                                                    |                           |                               |                           | AOL Inc. |

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|           |                                                                                                                      |            |                                                                                                                                                                             |                                                                                                                                                              |                |
|-----------|----------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 7,899,862 | Dynamic Identification of Other Users to an Online User                                                              | 13/023,256 | BR200416988A;<br>IL175856D0;<br>IN2005DN02323;<br>IN2005DN04437;<br>IN2005DN04537;<br>JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A | CA2506417C;<br>CA2547240C;<br>CN100476805C;<br>CN100486370C;<br>DE60322938D1;<br>EP1565845B1;<br>HK1087801A1;<br>IN241192;<br>KR799658B1;<br>MX2005PA005313A | AOL Inc.       |
| 7,900,148 | E-Mail Interface Having an Informational Tool Tip                                                                    | 13/036,949 |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc.       |
| 7,904,238 | Presenting A Travel Route Using More Than One Presentation Style                                                     | 12/929,959 |                                                                                                                                                                             |                                                                                                                                                              | MapQuest, Inc. |
| 7,904,473 | Community-Based Parental Controls                                                                                    | 13/042,031 |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc.       |
| 7,904,531 | Method for Flexible, Safe, Robust, and Efficient Generation and Serving of Multi-Source World-Wide Web Content Pages |            |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc.       |
| 7,904,554 | Supervising User Interaction With Online Services                                                                    |            |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc.       |

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|           |                                                                                   |                           |                                                                                                                                                                             |                                                                                                                                                                               |                |
|-----------|-----------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 7,907,966 | System and Method for Cross-Platform Applications on a Wireless Phone             | 13/034,994                |                                                                                                                                                                             |                                                                                                                                                                               | AOL Inc.       |
| 7,908,227 | Method and Apparatus for Secure Online Transactions                               |                           |                                                                                                                                                                             |                                                                                                                                                                               | AOL Inc.       |
| 7,908,327 | People Lists                                                                      | 13/048,312                | BR200416988A;<br>IL175856D0;<br>IN2005DN02323;<br>IN2005DN04437;<br>IN2005DN04537;<br>JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A | CA2506417C;<br>CA2547240C;<br>CN100476805C;<br>CN100486370C;<br>CN100486370C;<br>DE60322938D1;<br>EP1565845B1;<br>HK1087801A1;<br>IN241192;<br>KR799658B1;<br>MX2005PA005313A | AOL Inc.       |
| 7,912,836 | Method and Apparatus for a Ranking Engine                                         | 13/051,454                |                                                                                                                                                                             | AU2005309617B2                                                                                                                                                                | Truevo, Inc.   |
| 7,920,965 | Identifying a route configured to travel through multiple points of interest      | 13/037,602;<br>13/342,436 |                                                                                                                                                                             |                                                                                                                                                                               | Mapquest, Inc. |
| 7,921,157 | Duplicating Digital Streams for Digital Conferencing Using Switching Technologies | 13/053,903                | AU2002256379A1;<br>CA2445869A1;<br>EP1384157A4;<br>EP2395700A2;<br>JP2004533755A                                                                                            | CN100483384C;<br>IN234319; IN238819;<br>JP04065411B2;<br>KR503128B1                                                                                                           | AOL Inc.       |
| 7,924,989 | Intelligent Link Telephone Communications                                         | 13/041,272                |                                                                                                                                                                             |                                                                                                                                                                               | AOL Inc.       |

## Schedule A - Assigned Patents

|           |                                                                                                                |            |  |  |          |
|-----------|----------------------------------------------------------------------------------------------------------------|------------|--|--|----------|
| 7,925,542 | Wish List Associated With Buddy List Screen Name                                                               |            |  |  | AOL Inc. |
| 7,925,615 | Reducing Duplication of Files on A Network                                                                     |            |  |  | AOL Inc. |
| 7,929,976 | Communicating Forwarding Information for a Communications Device Based on Detected Physical Location           |            |  |  | AOL Inc. |
| 7,930,409 | Configuring output on a communication device                                                                   | 13/081,430 |  |  | AOL Inc. |
| 7,937,412 | System for Incorporating Information About the Source and Usage of a Media Asset into the Asset Itself         | 13/420,446 |  |  | AOL Inc. |
| 7,937,422 | Digital Asset Hosting and Distribution                                                                         | 13/082,862 |  |  | AOL Inc. |
| 7,941,753 | Communicating Appointment and/or Mapping Information Among a Calendar Application and a Navigation Application | 11/966,639 |  |  | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                     |            |                             |  |          |
|-----------|-------------------------------------------------------------------------------------|------------|-----------------------------|--|----------|
| 7,945,674 | Community Messaging Lists for Authorization to Deliver Electronic Messages          |            |                             |  | AOL Inc. |
| 7,949,759 | Degrees of Separation for Handling Communications                                   |            |                             |  | AOL Inc. |
| 7,954,146 | Implicit population of access control lists                                         |            |                             |  | AOL Inc. |
| 7,958,243 | Direct File Transfer Between Subscribers of a Communications System                 | 13/154,328 |                             |  | AOL Inc. |
| 7,962,504 | Sourcing terms into a search engine                                                 | 13/099,214 |                             |  | AOL Inc. |
| 7,966,626 | Optimized Delivery of Web Application Code                                          | 13/104,290 |                             |  | AOL Inc. |
| 7,970,598 | System For Automated Translation Of Speech                                          |            | AU199651699A                |  | AOL Inc. |
| 7,979,802 | Providing Supplemental Contact Information Corresponding to a Referenced Individual | 13/149,368 | CA2486135A1;<br>EP1535141A4 |  | AOL Inc. |
| 7,983,488 | Systems and Methods for Image Processing                                            |            |                             |  | AOL Inc. |
| 7,984,029 | Reliability of Duplicate Document Detection Algorithms                              | 13/185,238 |                             |  | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                   |                           |                                                                                  |                                                                     |          |
|-----------|---------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------|----------|
| 7,984,098 | Video Messaging                                                                                   | 13/316,362                | AU200177145A;<br>JP2004505363A                                                   | CA2417244C;<br>CN1293740C;<br>DE60144233D1;<br>EP1303974B1          | AOL Inc. |
| 7,986,938 | Configuring Wireless Devices                                                                      |                           |                                                                                  |                                                                     | AOL Inc. |
| 7,987,236 | Recipient Control Of Source Audio Identifiers For Digital Communications                          | 12/651,789;<br>13/185,917 | CN1781291B;<br>EP1602051A2                                                       | KR749456B1                                                          | AOL Inc. |
| 7,988,560 | Providing Highlights of Players from a Fantasy Sports Team                                        | 13/170,541                |                                                                                  |                                                                     | AOL Inc. |
| 7,991,636 | Buddy List-Based Calendaring                                                                      | 13/171,241                |                                                                                  |                                                                     | AOL Inc. |
| 7,991,911 | Duplicating Switch For Streaming Data Units To A Terminal Using Different Communication Protocols | 13/173,290                | AU2002256379A1;<br>CA2445869A1;<br>EP1384157A4;<br>EP2395700A2;<br>JP2004533755A | CN100483384C;<br>IN234319; IN238819;<br>JP04065411B2;<br>KR503128B1 | AOL Inc. |
| 7,996,460 | Processing Selected Browser Requests                                                              | 13/191,844                |                                                                                  |                                                                     | AOL Inc. |
| 8,001,190 | Email Integrated Instant Messaging                                                                | 13/175,410                |                                                                                  |                                                                     | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                           |            |                                                                                                                                                                             |                                                                                                                                                              |          |
|-----------|-------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 8,001,199 | Reconfiguring an Electronic Message to Effect an Enhanced Notification                    | 13/189,972 | BR200416988A;<br>IL175856D0;<br>IN2005DN02323;<br>IN2005DN04437;<br>IN2005DN04537;<br>JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A | CA2506417C;<br>CA2547240C;<br>CN100476805C;<br>CN100486370C;<br>DE60322938D1;<br>EP1565845B1;<br>HK1087801A1;<br>IN241192;<br>KR799658B1;<br>MX2005PA005313A | AOL Inc. |
| 8,001,200 | Enabling Mapping Identification Of Online Identities Between Different Messaging Services | 13/191,681 |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 8,001,254 | Translating Switch and Method                                                             |            |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 8,005,919 | Host-based intelligent results related to a character stream                              | 13/184,414 | BR200416988A;<br>IL175856D0;<br>IN2005DN02323;<br>IN2005DN04437;<br>IN2005DN04537;<br>JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A | CA2506417C;<br>CA2547240C;<br>CN100476805C;<br>CN100486370C;<br>DE60322938D1;<br>EP1565845B1;<br>HK1087801A1;<br>IN241192;<br>KR799658B1;<br>MX2005PA005313A | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                                               |            |                                                              |                                                                                                                                                                   |          |
|-----------|---------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 8,010,371 | Method and System For Reduction of Quantization-Induced Block-discontinuities and General Purpose Audio Codec | 13/191,496 |                                                              | CA2373520C;<br>DE60014363T2;<br>DE60041790D1;<br>EP1181686B1;<br>EP1480201B1                                                                                      | AOL Inc. |
| 8,010,680 | Transferring Files                                                                                            | 13/218,654 |                                                              |                                                                                                                                                                   | AOL Inc. |
| 8,010,783 | Service Provider Invocation                                                                                   | 13/219,938 |                                                              |                                                                                                                                                                   | AOL Inc. |
| 8,011,000 | Public Network Access Server Having a User-Configurable Firewall                                              | 13/169,451 |                                                              | CA2390184C;<br>JP03819295B2                                                                                                                                       | AOL Inc. |
| 8,015,247 | Joint Communication Sessions                                                                                  | 13/223,696 |                                                              |                                                                                                                                                                   | AOL Inc. |
| 8,015,607 | Messaging Stamp Authority                                                                                     | 13/212,103 |                                                              | AU2001245497B2;<br>AU2007200208B2;<br>CA2400807C;<br>CN1226886C;<br>DE60141324D1;<br>EP1264413B1;<br>HK1057302A1;<br>JP03914921B2;<br>JP04890717B2;<br>KR693681B1 | AOL Inc. |
| 8,019,363 | Facilitating Instant Messaging Outside of User-Defined Buddy Group in a Wireless and Non-Wireless Environment |            | AU200145497A;<br>CA2547294A1;<br>CN1801962B;<br>IN2004KOL279 |                                                                                                                                                                   | AOL Inc. |
| 8,024,484 | Caching Signatures                                                                                            |            | AU199726642A;<br>CA2731259A1;<br>JP2000508451A               | CA2252045C;<br>CA2591578C;<br>DE69736298T2;<br>EP958587B1                                                                                                         | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                            |            |                                                                |                                                                                                                                                                   |          |
|-----------|--------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 8,027,694 | Method And System For Instant Messaging Across Cellular Networks And A Public Data Network | 13/226,171 | AU200145497A;<br>CA2547294A1;<br>CN1801962B;<br>IN2004KOL279   | AU2001245497B2;<br>AU2007200208B2;<br>CA2400807C;<br>CN1226886C;<br>DE60141324D1;<br>EP1264413B1;<br>HK1057302A1;<br>JP03914921B2;<br>JP04890717B2;<br>KR693681B1 | AOL Inc. |
| 8,027,989 | Retrieving and Providing Contextual Information                                            |            |                                                                |                                                                                                                                                                   | AOL Inc. |
| 8,028,092 | Inserting Advertising Content                                                              | 13/227,402 |                                                                |                                                                                                                                                                   | AOL Inc. |
| 8,037,147 | Using Automated Agents To Facilitate Chat Communications                                   | 13/269,133 |                                                                |                                                                                                                                                                   | AOL Inc. |
| 8,041,768 | Voice Instant Messaging                                                                    | 13/228,373 | AU200145826A;<br>AU200155831A;<br>AU200213208A;<br>EP1346543A2 | CA2403520C;<br>CN100401733C;<br>DE60132433T2;<br>EP1264469B1;<br>JP04467220B2                                                                                     | AOL Inc. |
| 8,059,654 | Wireless Datagram Transaction Protocol System                                              | 13/273,593 |                                                                |                                                                                                                                                                   | AOL Inc. |
| 8,060,856 | Native Objects Accessible by Platform Neutral API                                          |            |                                                                |                                                                                                                                                                   | AOL Inc. |
| 8,073,614 | Meeting Notification and Modification Service                                              | 13/296,130 |                                                                |                                                                                                                                                                   | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                    |                           |                                |                                                            |                     |
|-----------|------------------------------------------------------------------------------------|---------------------------|--------------------------------|------------------------------------------------------------|---------------------|
| 8,073,867 | Analyzing A Query Log For Use In Managing Category-Specific Electronic Content     |                           |                                | AU2005262365B2;                                            | AOL Inc.            |
| 8,078,625 | URL-Based Content Categorization                                                   |                           |                                |                                                            | AOL Inc.            |
| 8,078,678 | Video Messaging                                                                    | 13/316,362                | AU200177145A;<br>JP2004505363A | CA2417244C;<br>CN1293740C;<br>DE60144233D1;<br>EP1303974B1 | AOL Inc.            |
| 8,095,303 | Identifying a route configured to travel through multiple points of interest       | 13/037,602;<br>13/342,436 |                                |                                                            | Mapquest, Inc.      |
| 8,099,667 | User Definable On-Line Co-User Lists                                               | 13/347,277                |                                |                                                            | AOL Inc.            |
| 8,099,780 | Message Screening System                                                           | 13/345,398                |                                |                                                            | AOL Inc.            |
| 8,103,546 | Advertising Content Delivery                                                       | 13/355,418                |                                |                                                            | Advertising.com LLC |
| 8103729   | Shared Groups Rostering System                                                     | 13/355,680                |                                |                                                            | AOL Inc.            |
| 8,103,960 | System and Method for Preventing Screen-Scrapers From Extracting User Screen Names |                           |                                |                                                            | AOL Inc.            |
| 8,108,425 | Personalized Web Applications based on Anticipation of User's Interests            |                           |                                |                                                            | AOL Inc.            |

## Schedule A - Assigned Patents

|           |                                                                              |                           |                                                                                                                                                                             |                                                                                                                                                              |          |
|-----------|------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 8,108,436 | Method and Apparatus<br>for Calendaring<br>Reminders                         | 13/267,818                | BR200416988A;<br>IL175856D0;<br>IN2005DN02323;<br>IN2005DN04437;<br>IN2005DN04537;<br>JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A | CA2506417C;<br>CA2547240C;<br>CN100476805C;<br>CN100486370C;<br>DE60322938D1;<br>EP1565845B1;<br>HK1087801A1;<br>IN241192;<br>KR799658B1;<br>MX2005PA005313A | AOL Inc. |
| 8,117,265 | Identifying and Using<br>Identities Deemed to be<br>Known to a User          | 13/372,371                | JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A                                                                                       | MX2005PA005313A                                                                                                                                              | AOL Inc. |
| 8,122,087 | Matching Engine for<br>Comparing Data Feeds<br>with User Profile<br>Criteria | 13/401,525                |                                                                                                                                                                             |                                                                                                                                                              | AOL Inc. |
| 8,122,137 | Dynamic Location of a<br>Subordinate User                                    | 13/361,141                | BR200416988A;<br>IL175856D0;<br>IN2005DN02323;<br>IN2005DN04437;<br>IN2005DN04537;<br>JP2006510123A;<br>JP2006524866A;<br>JP2007516671A;<br>KR2005121222A;<br>KR2007085041A | CA2506417C;<br>CA2547240C;<br>CN100476805C;<br>CN100486370C;<br>DE60322938D1;<br>EP1565845B1;<br>HK1087801A1;<br>IN241192;<br>KR799658B1;<br>MX2005PA005313A | AOL Inc. |
| 8,122,363 | Presence Status<br>Indicator                                                 | 13/397,568;<br>13/396,132 | CA2486135A1;<br>EP1535141A4                                                                                                                                                 |                                                                                                                                                              | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                                              |            |                                                                                  |                                                                                             |          |
|-----------|----------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------|
| 8,130,755 | Managing Access To Streams Hosted on Duplicating Switches                                    |            | AU2002256379A1;<br>CA2445869A1;<br>EP1384157A4;<br>EP2395700A2;<br>JP2004533755A | CN100483384C;<br>IN234319; IN238819;<br>JP04065411B2;<br>KR503128B1                         | AOL Inc. |
| 8,132,110 | Intelligently enabled menu choices based on online presence state in address book            | 13/396,132 | CA2486135A1;<br>EP1535141A4                                                      |                                                                                             | AOL Inc. |
| 8,140,703 | Regulating Users of Online Forums                                                            |            |                                                                                  | AU725838B2;<br>CA2290524C;<br>DE69802925T2;<br>EP983540B8;<br>HK1026486A1;<br>JP037222295B2 | AOL Inc. |
| 8,146,826 |                                                                                              | 13/434,457 |                                                                                  |                                                                                             | AOL Inc. |
| 8,150,892 |                                                                                              | 13/420,446 |                                                                                  |                                                                                             | AOL Inc. |
| 8,156,193 | Electronic Message Forwarding                                                                | 13/442,226 |                                                                                  |                                                                                             | AOL Inc. |
| 8,156,443 |                                                                                              | 13/442,231 |                                                                                  |                                                                                             | AOL Inc. |
| 8,161,157 | Method for Displaying Web User's Authentication Status in a Distributed Single Login Network |            |                                                                                  |                                                                                             | AOL Inc. |
| 8,176,430 | Identifying URL Target Hostnames                                                             | 13/466,005 |                                                                                  |                                                                                             | AOL Inc. |
| 8,176,541 | Leveraging a Persistent Connection to Access a Secured Service                               | 13/453,178 |                                                                                  |                                                                                             | AOL Inc. |

## Schedule A - Assigned Patents

|           |                                                                            |            |  |  |          |
|-----------|----------------------------------------------------------------------------|------------|--|--|----------|
| 8,181,018 | Trust Grant and Revocation From A Master Key To Secondary Keys             |            |  |  | AOL Inc. |
| 8,185,638 | Community Messaging Lists for Authorization to Deliver Electronic Messages | 13/472,583 |  |  | AOL Inc. |
| 8,196,189 | Simple Secure Login with Multiple Authentication Providers                 |            |  |  | AOL Inc. |
| D395,296  | Icon For a Display Screen                                                  |            |  |  | AOL Inc. |
| D397,100  | Icon For a Display Screen                                                  |            |  |  | AOL Inc. |
| D445,705  | Electronic Transmitter                                                     |            |  |  | AOL Inc. |
| D446,143  | Electronic Receiver                                                        |            |  |  | AOL Inc. |
| D468,296  | Electronic Device                                                          |            |  |  | AOL Inc. |
| RE40,804  | Filter-In Method for Reducing Junk E-Mail                                  |            |  |  | AOL Inc. |

PATENT

REEL: 040474 FRAME: 0066

RECORDED: 10/25/2016