

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3874707

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AOL INC.	06/14/2012
RECEIVING PARTY DATA	
Name:	MICROSOFT CORPORATION
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15006340
CORRESPONDENCE DATA	
Fax Number:	(303)357-1671
<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>	
Phone:	3033571670
Email:	mscocchera@merchantgould.com
Correspondent Name:	MERCHANT & GOULD P.C.
Address Line 1:	P.O. BOX 2903
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-0903
ATTORNEY DOCKET NUMBER:	14917.2358USC7/337293.27
NAME OF SUBMITTER:	GREGORY D. LEIBOLD
SIGNATURE:	/Gregory D. Leibold/
DATE SIGNED:	05/16/2016
Total Attachments: 18	
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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"), Mapquest, Inc. and AOL Advertising Inc. (each, an "Assignor" and collectively with Parent Assignor, the "Assignors") and Microsoft Corporation, a Washington 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 Assignee entered into a confidential Stock and Asset Purchase Agreement, dated April 5, 2012 (the "SAPA") pursuant to which Parent Assignor agreed to sell to Assignee certain patents and patent applications including 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 Assignee'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 Assignee set forth in the SAPA.

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IN WITNESS WHEREOF, Assignor 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 14th day of June, 2012

Nancy S. Boyd
Notary Public



My commission expires:

7/31/2013

[Microsoft Short Form Assignment]

PATENT
REEL: 038606 FRAME: 0675

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 14th day of June, 2012

Nancy S. Boyd
Notary Public

My commission expires:

7/31/2013



[Microsoft Short Form Assignment]

PATENT
REEL: 038606 FRAME: 0676

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 14th day of June, 2012

Nancy S. Boyd
Notary Public

My commission expires:

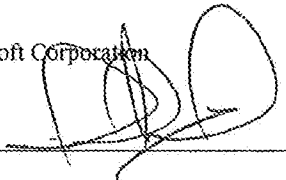
7/31/2013



[Microsoft Short Form Assignment]

PATENT
REEL: 038606 FRAME: 0677

Microsoft Corporation



Horacio E. Gutierrez
Corp. VP & Deputy General Counsel

[Microsoft Short Form Assignment]

PATENT
REEL: 038606 FRAME: 0678

Schedule A - Assigned Patents

Patent No.	Title	U.S. App. No.	Foreign App. No.	Related Foreign Patent Nos.	Assignor
6,026,429	Seamless integration of internet resources				AOL Inc.
6,282,489	Automated Travel Planning System				Mapquest, Inc.
6,381,599	Seamless integration of internet resources				AOL Inc.
6,449,344	Communications System		CN101291330B; EP1659746A3; IL119364A	AU744117B2; CA2268147C; DE69735009T2; EP1013044B1; JP039333701B2	AOL Advertising Inc.
6,498,982	Automated Travel Planning System Generating A List Of Places Of Interest Located Near The Travel Route				Mapquest, Inc.
6,510,417	System and Method for Voice Access to Internet Based Information			AU200147456A; JP2003533909A; KR2002093852A	AOL Inc.
6,589,290	Method And Apparatus For Populating A Form With Data	13/113,258			AOL Inc.

Schedule A - Assigned Patents

6,640,223	Seamless integration of internet resources					AOL Inc.
6,691,162	Monitoring Users of a Computer Network	JP2003510687A				AOL Inc.
6,704,031	Toolbar Tracking					AOL Inc.
6,785,688	Internet Streaming Media Workflow Architecture		12/780,571			AOL Inc.
6,810,356	Traffic Estimation					AOL Advertising Inc.
6,847,977	Grouping multimedia and streaming media search results		12/828,780			AOL Inc.
6,877,002	Fuzzy Database Retrieval		11/054,701			AOL Inc.
6,941,300	Internet Crawl Seeding					AOL Inc.
6,954,697	Using a corridor search to identify locations of interest along a route					Mapquest, Inc.
6,993,430	Automated Travel Planning System					MapQuest, Inc.
6,993,471	Integrated Multilingual Browser	AU199714061A		CA2216387C		AOL Inc.
7,007,008	Category Searching					AOL Inc.

Schedule A - Assigned Patents

7,024,192	Apparatus and Method to Provide Current Location Information Services in a Network					AOL Inc.
7,047,229	Searching Content on Web Pages					AOL Inc.
7,054,743	Using a Corridor Search to Identify Locations of Interest Along a Travel Route					Mapquest, Inc.
7,062,706	Method and Apparatus for Populating A Form With Data	13/113,258				AOL Inc.
7,065,448	Presenting Driving Directions					MapQuest, Inc.
7,133,771	Automated Route Determination to Avoid a Particular Maneuver					Mapquest, Inc.
7,149,775	Communication System Allowing Users To Know Online Or Network Status Of Sought Users		CN101291330B; EP1659746A3; IL119364A	AU744117B2; CA2268147C; DE69735009T2; EP1013044B1; JP039333701B2		AOL Advertising Inc.

Schedule A - Assigned Patents

7,151,938	Dynamically Managing and Reconfiguring Wireless Mesh Networks	13/235,692				AOL Inc.
7,174,454	System and Method for Establishing Historical Usage-Based Hardware Trust		AU200051485A; JP2004510215A	CN1313897C		AOL Inc.
7,181,444	A System and Process For Searching A Network					AOL Inc.
7,194,357	Using a Corridor Search to Identify Locations of Interest Along a Travel Route					Mapquest, Inc.
7,213,027	System and Method for the Transformation and Canonicalization of Semantically Structured Data	13/369,456				AOL Inc.
7,216,361	Adaptive Multi-tier Authentication		AU200051485A; JP2004510215A	CN1313897C		AOL Inc.
7,225,180	Filtering Search Results					AOL Inc.

Schedule A - Assigned Patents

7,272,597	Domain Expert Search	13/180,156			AOL Inc.
7,283,906	Presenting Driving Directions				MapQuest, Inc.
7,292,987	Integrated Multilingual Browser		AU199714061A	CA2216387C	AOL Inc.
7,299,222	Enhanced Search Results	11/941,566			AOL Inc.
7,324,896	Using a Corridor Search to Identify Locations of Interest Along a Travel Route				MapQuest, Inc.
7,349,896	Query Routing	13/418,312			AOL Inc.
7,356,405	Automated Route Determination to Avoid a Particular Maneuver				MapQuest, Inc.
7,359,951	Displaying Search Results	13/185,348			AOL Inc.
7,386,274	Wireless Viral Mesh Networks And Process For Using The Same	13/117,263			AOL Inc.
7,395,067	Systems and Methods For Sectoring Antennas In A Wireless Network	13/211,196			AOL Inc.
7,395,153	Reducing Driving Directions	12/702,390			MapQuest, Inc.

Schedule A - Assigned Patents

7,403,939	Resolving Queries Based on Automatic Determination of Requestor Geographic Location					AOL Inc.
7,433,783	Presenting Driving Directions					MapQuest, Inc.
7,484,176	Reactive Avatars	12/266,690				AOL Inc.
7,519,052	Apparatus and Method to Provide Current Location Information Services in a Network					AOL Inc.
7,523,103	Category Searching					AOL Inc.
7,558,805	Searching Content on Web Pages					AOL Inc.
7,561,965	Reducing Driving Directions					MapQuest, Inc.
7,571,157	Filtering Search Results			CA2592577A1		AOL Inc.
7,599,792	Using a Corridor Search to Identify Locations of Interest Along a Travel Route					MapQuest, Inc.

Schedule A - Assigned Patents

7,606,597	Systems and Methods For Sectoring Antennas In A Wireless Network	13/211,196				AOL Inc.
7,617,458	Managing Navigation and History Information	12/568,905	AU199919375A; AU199919401A; AU199920281A; AU199920930A	CA2316256C; DE69829584T2; EP1040431B1		AOL Inc.
7,636,751	Multiple Personalities	12/644,711; 13/317,023				AOL Inc.
7,636,755	Multiple Avatar Personalities	12/644,711; 13/317,023				AOL Inc.
7,668,946	Traffic Estimation	13/223,189				AOL Advertising Inc.
7,676,500	System and Method for the Transformation and Canonicalization of Semantically Structured Data	13/369,456				AOL Inc.
7,685,237	Multiple Personalities In Chat Communications	12/722,755; 12/729,797				AOL Inc.
7,689,349	Automatic Determination Of A Surrogate Origin For Personalized Routing	12/702,390				Mapquest, Inc.

Schedule A - Assigned Patents

7,689,649	Rendering Destination Instant Messaging Personalization Items Before Communicating With Destination	12/729,797			AOL Inc.
7,716,038	Integrated Multilingual Browser		AU199714061A	CA2216387C	AOL Inc.
7,720,836	Internet Streaming Media Workflow Architecture	12/780,571			AOL Inc.
7,725,110	Dynamically Managing and Reconfiguring Wireless Mesh Networks	13/235,692			AOL Inc.
7,752,186	Grouping Multimedia and Streaming Media Search Results	12/828,780			AOL Inc.
7,774,342	Resolving Queries Based on Automatic Determination of Requestor Geographic Location				AOL Inc.
7,779,076	Instant Messaging Personalization	12/722,755; 12/729,797			AOL Inc.

Schedule A - Assigned Patents

7,783,592	Indicating Recent Content Publication Activity by a User	13/189,863				AOL Inc.
7,809,605	Altering Keyword-Based Requests for Content					AOL Inc.
7,809,710	System and Method for Extracting Content for Submission to a Search Engine	12/897,437		EP1428139A4		AOL Inc.
7,813,959	Altering Keyword-Based Requests for Content					AOL Inc.
7,818,116	Presenting A Travel Route In A Ground-Based Vehicle	13/418,282				Mapquest, Inc.
7,818,314	Search Fusion					AOL Inc.
7,818,371	Communication System Allowing Users to Know Online or Network Status of Sought Users		CN101291330B; EP1659746A3; IL119364A	AU744117B2; CA2268147C; DE69735009T2; EP1013044B1; JP039333701B2		AOL Advertising Inc.
7,831,384	Determining a Route to Destination based on Partially Completed Route	12/940,897				AOL Inc.

Schedule A - Assigned Patents

7,835,859	Determining a Route to Destination based on Partially Completed Route	12/940,897				AOL Inc.
7,849,307	System and Method for Establishing Historical Usage-Based Hardware Trust		AU200051485A; JP2004510215A	CN1313897C		AOL Inc.
7,908,554	Modifying Avatar Behavior Based on User Action or Mood	13/035,052; 13/035,035				AOL Inc.
7,908,644	Adaptive Multi-tier Authentication		AU200051485A; JP2004510215A	CN1313897C		AOL Inc.
7,913,176	Applying Access Controls to Communications with Avatars	13/035,052; 13/035,035				AOL Inc.
7,949,671	System and Method for the Transformation and Canonicalization of Semantically Structured Data	13/369,456				AOL Inc.

Schedule A - Assigned Patents

7,962,094	Wireless Viral Mesh Networks And Process For Using The Same	13/117,263			AOL Inc.
7,962,845	Method and Apparatus for Populating A Form With Data	13/113,258			AOL Inc.
7,970,750	Category Searching				AOL Inc.
7,974,875	System and Method for Using Voice Over a Telephone to Access, Process, and Carry Out Transactions Over the Internet	13/116,346		EP1269732B1; AU200187251A; JP2004514190A; JP2008027454A	AOL Inc.
7,984,061	Displaying Search Results	13/185,348			AOL Inc.
7,987,198	Indicating Recent Content Publication Activity by a User	13/189,863			AOL Inc.
8,005,511	Systems and Methods For Sectoring Antennas In A Wireless Network	13/211,196			AOL Inc.
8,005,813	Domain Expert Search	13/180,156			AOL Inc.

Schedule A - Assigned Patents

8,010,474	Translating paralinguistic indicators	13/189,827				AOL Inc.
8,023,957	Dynamically Managing and Reconfiguring Wireless Mesh Networks	13/235,692				AOL Inc.
8,024,447	Traffic Estimation	13/223,189				AOL Advertising Inc.
8,037,150	Multiple Personalities	12/644,711; 13/317,023				AOL Inc.
8,073,948	System and Method for Establishing a Point-to-Point Connection		CN101291330B; EP1659746A3; IL119364A	AU744117B2; CA2268147C; DE69735009T2; EP1013044B1; JP03933701B2		AOL Advertising Inc.
8,117,069	Generating Keyword Based Requests for Content	13/372,379				AOL Inc.
8,122,057	System and Method for the Transformation and Canonicalization of Semantically Structured Data	13/369,456				AOL Inc.
8,135,539	Presenting A Travel Route In A Ground-Based Vehicle	13/418,282				Mapquest, Inc.
8,135,737	Query Routing					AOL Inc.

Schedule A - Assigned Patents

8,166,025	Resolving Queries Based on Automatic Determination of Requestor Geographic Location	13/453,920				AOL Inc.
8,170,791	Automated Travel Planning System	13/460,640				Mapquest, Inc.
8,181,015	System and Method for Establishing Historical Usage-Based Hardware Trust	13/467,901				AOL Inc.