PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AT&T Delaware Intellectual Property, Inc.	12/16/2008

RECEIVING PARTY DATA

Name:	AT&T Intellectual Property I, L.P.
Street Address:	675 W. Peachtree Street
City:	Atlanta
State/Country:	GEORGIA
Postal Code:	30308

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13546456

CORRESPONDENCE DATA

Fax Number: 2155683439

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 215-568-3100

Email: assignments@woodcock.com

Correspondent Name: WOODCOCK WASHBURN LLP

Address Line 1: 2929 Arch Street

Address Line 2: Cira Center, 12th Floor

Address Line 4: Philadelphia, PENNSYLVANIA 19103

NAME OF SUBMITTER:	Joseph F. Oriti
Signature:	/Joseph F. Oriti/
Date:	05/09/2013

Total Attachments: 14

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This Recordable Patent Assignment is between AT&T Delaware Intellectual Property, Inc. ("AT&T Delaware IP"), a Delaware corporation, and AT&T Intellectual Property I, L.P. ("AT&T IP I"), a Nevada limited partnership.

Effective on June 30, 2008, for good and adequate consideration, the receipt and sufficiency of which has been and hereby is acknowledged, AT&T Delaware IP hereby assigns, transfers, and conveys and/or has assigned, transferred, and conveyed to AT&T IP I all of AT&T Delaware IP's right, title and interest in and to the patents and pending patent applications identified on Attachment A (the "Patents"), with respect to which and to the extent to which AT&T Delaware IP has or previously had the right to so assign, transfer and convey such rights, including all claims for past infringement, and all divisions, reexaminations, reissues, substitutions, continuations, continuations-in-part and extensions thereof, including the right to file applications and obtain patents, utility models, industrial models and designs for said inventions in its own name throughout the world including all rights of priority, all rights to public cautionary notices reserving ownership of said inventions and all rights to claim and register said inventions in appropriate registries. AT&T Delaware IP has further agreed to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in AT&T IP I, its successors, assigns and legal representatives.

IN WITNESS WHEREOF, AT&T Delaware IP has caused this Recordable Patent Assignment to be executed by its duly authorized representative.

AT&T DELAWARE INTELLECTUAL PROPERTY, INC.

Michael Bishop

President and General Counsel

STATE OF GLOGIA;

COUNTY OF DEKAID;

SS:

Before me personally appeared the person described in and who executed the foregoing instrument, and s/he acknowledged to me that s/he executed the same for the

purposes therein stated, this May of

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Notary Public

purposes therein stated, to C.R. C.A. O.A. NOTAP.

My Commission Expires

12, 2012

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60	10/098697	15-Mar-2002	Address Book Updates-Over The Air	United States	ATTM-1270
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9	10/324779	19-Dec-2002	Adding Contacts To Recipient List	United States	A MANAGER CONTROL OF A MANAGER AND
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255	10/950036	24-Sep-2004	Automatic Electronic Publishing	United States	
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328	11/013564	15-Dec-2004	Appointment Arbiter	United States	
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278	11/304289	15-Dec-2005	Multi-Level Directory	United States	A CONTRACT OF THE CONTRACT OF
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414	11/470125	5-Sep-2006	Advanced Directory Services	United States	The state of the s
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506	11/619329	3-Jan-2007	Distributed Web Publishing	United States	
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023	11/448449	6-Jun-2006	Dynamic Appointment Racking	United States	
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189	11/464071	11-Aug-2006	Customizable Personal Directory Services	United States	
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205	11/672802	8-Feb-2007	Context Based Keyword Search	United States	50 Marie 100 Mar
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234	11/55/321	7-Nov-2006	Determining Sort Order By Distance	United States	
235	11/557325	7-Nov-2006	Determining Sod Order By Traffic Column	-	ATTM-1292
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29	08/996930	23-Dec-1997	Method And System For Transmitting Data To A Cellular Telephone	United States	
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14	60/091810	6-Jul-1998	Dispatch Application Utilizing Short Message Service	United States	
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297	12/25 3178	16-Oct-2008	Devices, Methods, and Comuter-Readable Media for Poviding Broad Quality of Service Optimaization Using Policy-Based Selective Quality Degradation	United States	ATTM-1368
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Delaware

PAGE :

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "BELLSOUTH INTELLECTUAL PROPERTY CORPORATION", CHANGING ITS NAME FROM "BELLSOUTH INTELLECTUAL PROPERTY CORPORATION" TO "AT&T INTELLECTUAL PROPERTY, INC.", FILED IN THIS OFFICE ON THE TWENTY-SEVENTH DAY OF APRIL, A.D. 2007, AT 11:39 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

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Warriet Smith Hindson
Harriet Smith Windson, Secretary of State

AUTHENTICATION: 5631074

DATE: 04-27-07

<u>D</u>elaware

PAGE :

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "AT&T INTELLECTUAL PROPERTY, INC.", CHANGING ITS NAME FROM "AT&T INTELLECTUAL PROPERTY, INC." TO "AT&T BLS INTELLECTUAL PROPERTY, INC.", FILED IN THIS OFFICE ON THE TWENTY-SEVENTH DAY OF JULY, A.D. 2007, AT 12 O'CLOCK P.M.

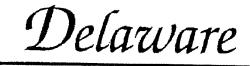
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Variet Smith Windson, Secretary of State

AUTHENTICATION: 5890643

DATE: 07-31-07



The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "ATET BLS INTELLECTUAL PROPERTY, INC.", CHANGING ITS NAME FROM "ATET BLS INTELLECTUAL PROPERTY, INC. " TO "AT&T DELAWARE INTELLECTUAL PROPERTY, INC. ", FILED IN THIS OFFICE ON THE FIRST DAY OF NOVEMBER, A.D. 2007, AT 1:08 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

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You may verify this certificate online at corp.delaware.gov/authver.shtml

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 6181489

DATE: 11-24-07

PATENT ASSIGNMENT

WHEREAS, I, Dale W. Malik, a citizen of the United States of America, residing at

1035 Redfield Lané, City of Dunwoody, State of Georgia, have invented certain inventions and

improvements disclosed in an application for United States Letters Patent entitled

AUTOMATIC ELECTRONIC PUBLISHING, executed on even date herewith, and listing as

inventor(s): Dale W. Malik;

WHEREAS, BellSouth Intellectual Property Corporation, a Corporation of the State of

Delaware, having a place of business at 824 Market Street, Suite 901, Wilmington, DE 19801, is

desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the

receipt and sufficiency of which is hereby acknowledged, I, Dale W. Malik, by these presents do

sell, assign and transfer unto BellSouth Intellectual Property Corporation, the full, exclusive

and entire right, title and interest: (i) in and to all inventions and improvements disclosed and

described in said application, (ii) in and to said application, (iii) in and to any divisional,

continuation, and continuation-in-part applications describing in whole or in part said inventions

and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to

all patents and reissues that may be granted in the United States for the aforementioned, (v) in and

to any provisional patent applications filed in the United States describing in whole or in part the

said inventions and improvements, from which priority may be claimed under Title 35 of the

United States Code, and (vi) in and to the right to claim any applicable foreign and domestic

priority rights arising from such provisional patent applications or aforementioned applications; I

also hereby acknowledge that an obligation for this assignment and for the assignment of all

related subject matter arose before any making of the invention and improvements disclosed and

described in said application; and I hereby request the Commissioner of Patents to issue any and

all Patents of the United States resulting from said application, or from a division, continuation,

continuation-in-part, or reissue thereof, to, BellSouth Intellectual Property Corporation as

Assignee, for their interest and for the sole use and behoof of BellSouth Intellectual Property

Corporation and their assigns and legal representatives;

For the same consideration, I, by these presence do sell, assign and transfer to BellSouth Intellectual Property Corporation the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of BellSouth Intellectual Property Corporation and or their respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **BellSouth Intellectual Property**Corporation their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Date Dale W. N

ATE OF Moraja COUNTY OF

Before me, a Notary Public in and for the State of A, on this A day of

Milk, who being duly sworn, signed

and acknowledged the foregoing Assignment as his free act and deed.

My Commission Francis County, Georgia

PATENT REEL: 030383 FRAME: 0871

RECORDED: 05/09/2013