

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AT&T Delaware Intellectual Property, Inc. (formerly known as AT&T BLS Intellectual Property, Inc., which was formerly known as AT&T Intellectual Property Inc., which was formerly known as BellSouth Intellectual Property Corporation)	10/15/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AT&T Intellectual Property I, L.P., a Nevada Limited Partnership
<b>Street Address:</b>	645 E. Plumb Lane
<b>City:</b>	Reno
<b>State/Country:</b>	NEVADA
<b>Postal Code:</b>	89502
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12551477
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)580-9696
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	312-580-1020
<b>Email:</b>	fhernandez@hfzlaw.com
<b>Correspondent Name:</b>	Hanley, Flight and Zimmerman, LLC
<b>Address Line 1:</b>	150 S. Wacker Dr.
<b>Address Line 2:</b>	Suite 2100
<b>Address Line 4:</b>	Chicago, ILLINOIS 60606
<b>ATTORNEY DOCKET NUMBER:</b>	20103/030280CON
<b>NAME OF SUBMITTER:</b>	Felipe Hernandez
<b>Total Attachments: 8</b> source=ATT Delaware to AT&T I#page1.tif source=ATT Delaware to AT&T I#page2.tif	

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**PATENT**  
**REEL: 023858 FRAME: 0627**

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# RECORDABLE PATENT ASSIGNMENT

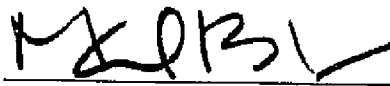
This Recordable Patent Assignment is between AT&T Delaware Intellectual Property, Inc. ("AT&T Delaware IP"), a Delaware corporation, and AT&T Intellectual Property I, L.P. ("AT&T IP I"), a Nevada limited partnership.

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.

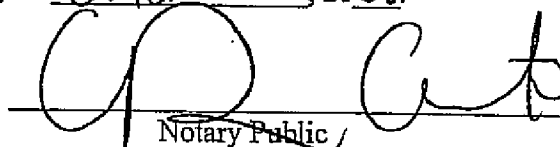
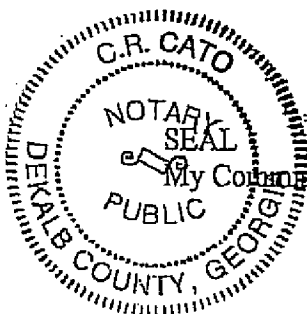
By:



Michael Bishop  
President and General Counsel

STATE OF Georgia )  
COUNTY OF DeKalb ) 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 15<sup>th</sup> day of October, 2008.

  
Notary Public

My Commission Expires:

January 22, 2012

**ATTACHMENT A**

<b>MATTER No.</b>	<b>SERIAL No. - PATENT No.</b>	<b>TITLE</b>	<b>INVENTOR(S)</b>	<b>FILING DATE</b>
02200	10/318,540	METHOD AND SYSTEM FOR RETRIEVING LINK MANAGEMENT INTERFACE STATUS FOR A LOGICAL PORT	TAYLOR ET AL.	12/13/2002
02201	10/318,932	METHOD AND SYSTEM FOR OBTAINING A NETWORK MAP	TAYLOR ET AL.	12/13/2002
02204	10/318,991 - 7,187,653	METHOD AND SYSTEM FOR PERFORMING A LOGICAL LOOPBACK TEST	TAYLOR ET AL.	12/13/2002
02108	10/159,306 - 7,136,466	DSL INTEGRATED CALL WAITING	XIAOFENG GAO	05/30/2002
01102	09/952,435 - 7,099,941	OBTAINING AND DISPLAYING LOGICAL PORT INFORMATION	DAVID MASSENGILL	09/14/2001
040053	10/888,213 - 7,095,849	INTEGRATED FILTER AND MODULAR JACK FOR VOICE OVER DIGITAL SUBSCRIBER LINE SERVICE	SMITH ET AL.	07/09/2004
02148	10/251,048 - 7,340,039	METHOD FOR PROVIDING DIGITAL LOOP CARRIER DATA FOR USE IN A CENTRAL OFFICE	HAWKINS ET AL.	09/20/2002
030198	10/636,432 - 7,315,538	METHODS AND SYSTEMS FOR PROVIDING NETWORK ACCESS SERVICE UTILIZING MULTIPLE ASYMMETRIC DSL MODEMS PER SERVICE POINT	WRIGHT ET AL.	08/07/2003
01194	09/952,431 - 6,959,334	BACKUP LOGICAL PORT SERVICE	DAVID MASSENGILL	09/14/2001
02227	10/185,879 - 7,391,739	SYSTEM AND METHOD FOR CREATING A FRAME RELAY PORT MIRROR	TAYLOR ET AL.	06/28/2002
02229	10/186,350 - 7,180,865	SYSTEM AND METHOD FOR ANALYZING FRAME RELAY COMMUNICATIONS	TAYLOR ET AL.	06/28/2002
02230	10/184,145 - 7,200,148	SYSTEM AND METHOD FOR ANALYZING ASYNCHRONOUS TRANSFER MODE COMMUNICATIONS	TAYLOR ET AL.	06/28/2002
050075	11/300,754	METHODS AND SYSTEMS FOR PROVIDING OUTAGE NOTIFICATION FOR PRIVATE NETWORKS	GUDIPALLEY ET AL.	12/15/2005

**ATTACHMENT A**

02202	10/318,467	METHOD AND SYSTEM FOR OBTAINING A PERMANENT VIRTUAL CIRCUIT MAP	TAYLOR ET AL.	12/23/2002
030282	10/744,283	METHOD AND SYSTEM FOR REAL TIME SIMULTANEOUS MONITORING OF LOGICAL CIRCUITS IN A DATA NETWORK	TAYLOR ET AL.	12/23/2003
030280	10/745,116	METHOD AND SYSTEM FOR AUTOMATICALLY REROUTING DATA FROM AN OVERBALANCED LOGICAL CIRCUIT IN A DATA NETWORK	TAYLOR ET AL.	12/23/2003
030197	10/636,366	METHODS AND SYSTEMS FOR AGGREGATING ETHERNET COMMUNICATIONS	WRIGHT ET AL.	08/07/2003
040135	10/897,858	APPARATUS AND METHOD FOR AUTOMATICALLY BYPASSING A LOAD COIL IN A DIGITAL SUBSCRIBER LINE CIRCUIT	RYALS ET AL.	07/23/2004
030082	10,636,005	METHODS AND SYSTEMS FOR PROVIDING AN ASYMMETRIC ETHERNET SERVICE	WRIGHT ET AL.	08/07/2003
050252	11/314,938	ANALYZING AND RESOLVING INTERNET SERVICE PROBLEMS	ADKINS ET AL.	12/21/2005
030286	10/829,584	METHOD AND SYSTEM FOR AUTOMATICALLY TRACKING THE REROUTING OF LOGICAL CIRCUIT DATA IN A DATA NETWORK	TAYLOR ET AL.	04/22/2004
060042	11/474,854	DATABASE CONNECTIVITY	JOPP ET AL.	06/26/2006
060041	11/474,711	DATA BACK-UP UTILITY	JOPP ET AL.	06/26/2006
050068	11/300,755	METHODS AND SYSTEMS FOR PROVIDING PERFORMANCE TESTING FOR PRIVATE NETWORKS	SCOTT SHEPPARD	12/15/2005
030294	10/829,539	METHOD AND SYSTEM FOR PROVISIONING LOGICAL CIRCUITS FOR INTERMITTENT USE IN A DATA NETWORK	TAYLOR ET AL.	04/22/2004
060256	11/704,069	INVENTORYING COMMUNICATION CIRCUITS	ONATHAN WAR	02/08/2007

**ATTACHMENT A**

030296	10/829,795	METHOD AND SYSTEM FOR AUTOMATICALLY REROUTING LOGICAL CIRCUIT DATA FROM A LOGICAL CIRCUIT FAILURE TO DEDICATED BACKUP CIRCUIT IN A DATA NETWORK	TAYLOR ET AL.	04/22/2004
040371	11/299,706	DIGITAL SUBSCRIBER LINE ACCESS MULTIPLEXER WRITING VALIDATION	RANDY YOUNG	12/12/2005
040196	11/104,768	ADAPTIVELY APPLYING A TARGET NOISE MARGIN TO A DSL LOOP FOR DSL DATA RATE ESTABLISHMENT	GARY TENNYSON	04/13/2005
030140	10/462,136	SWITCHING INTERNET SERVICE PROVIDERS	MALIK ET AL.	06/16/2003
030139	10/462,244	VALIDATING USER INFORMATION PRIOR TO SWITCHING INTERNET SERVICE PROVIDERS	MALIK ET AL.	06/16/2003
060040	11/515,623	BROADBAND INTELLIGENT EVENT REPOSITORY	UNKENHOLZ ET AL.	09/05/2006
02230CON1	11/732,218	SYSTEM AND METHOD FOR ANALYZING ASYNCHRONOUS TRANSFER MODE COMMUNICATIONS	TAYLOR ET AL.	04/03/2007
01194C	11/206,382	BACKUP LOGICAL PORT SERVICE	DAVID MASSENGILL	08/18/2005
99096C1	10/265,543 - 6,870,899	ADSL LOOP QUALIFICATION SYSTEMS AND METHODS	LU ET AL.	10/04/2002
099096C2	10/899,472	ADSL LOOP QUALIFICATION SYSTEMS AND METHODS	LU ET AL.	07/26/2004
01117CON1	11/515,621	SYSTEM AND METHOD FOR PLANNING PORTS IN DSL NETWORK ELEMENTS	CORDSMEYER ET AL.	09/05/2006
030284	10/829,509 - 7,275,192	METHOD AND SYSTEM FOR ON DEMAND SELECTIVE REROUTING OF LOGICAL CIRCUIT DATA IN A DATA NETWORK	TAYLOR ET AL.	04/22/2004
050045	11/300,212	METHODS AND SYSTEMS FOR PROVIDING BANDWIDTH ADJUSTMENT	CHRISTIAN KUHTZ	12/14/2005

ATTACHMENT A

02140	10/348,077 - 7,391,734	METHOD AND SYSTEM FOR OBTAINING LOGICAL PERFORMANCE DATA FOR A CIRCUIT IN A DATA NETWORK	TAYLOR ET AL.	01/21/2003
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# Delaware

PAGE 1

*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 BLS INTELLECTUAL PROPERTY, INC.", CHANGING ITS NAME FROM "AT&T 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](http://corp.delaware.gov/authver.shtml)

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 6181489

DATE: 11-24-07

PATENT  
REEL: 023858 FRAME: 0634



# Delaware

PAGE 1

*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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*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 5890643

DATE: 07-31-07

PATENT  
REEL: 023858 FRAME: 0635

# Delaware

PAGE 1

*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.

2929720 8100

070487259



*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 5631074

DATE: 04-27-07