

## PATENT ASSIGNMENT COVER SHEET

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<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AT&T CORP.	07/19/2018
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<b>PROPERTY NUMBERS Total: 4</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11448339
<b>PCT Number:</b>	US2007013486
<b>Application Number:</b>	11259018
<b>Application Number:</b>	11318862
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<b>NAME OF SUBMITTER:</b>	KIRSTEN HUNTER
<b>SIGNATURE:</b>	/Kirsten Hunter/
<b>DATE SIGNED:</b>	07/20/2018
<b>Total Attachments: 2</b>	
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**RECORDABLE PATENT ASSIGNMENT**

This Recordable Patent Assignment is between AT&T Corp. ("AT&T Corp."), a New York corporation, and AT&T Properties, LLC ("AT&T Properties"), a Nevada limited liability company.

Effective on June 30, 2008, for good and adequate consideration, the receipt and sufficiency of which has been and hereby is acknowledged, AT&T Corp. hereby assigns, transfers, and conveys and/or has assigned, transferred, and conveyed to AT&T Properties all of AT&T Corp.'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 Corp. 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 Corp. 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 Properties, its successors, assigns and legal representatives.

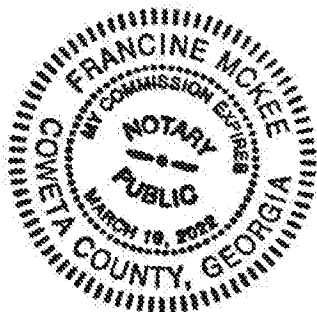
IN WITNESS WHEREOF, AT&T Corp. has caused this Recordable Patent Assignment to be executed by its duly authorized representative.

**AT&T CORP.**

By: Jeanette Napp  
Jeanette Napp  
Assistant Secretary

STATE OF GEORGIA        )  
                                          ) ss:  
COUNTY OF COWETA     )

Before me personally appeared the person described in and who executed the foregoing instrument, and acknowledged to me that she executed the same for the purposes therein stated, this 19 day of July, 2018.



Francine McKee  
Notary Public

**ATTACHMENT A**

<b>Docket Number</b>	<b>Country</b>	<b>Application Number</b>	<b>Patent Number</b>	<b>Application Date</b>	<b>Title</b>
2000-0392	United States	09/993592	7023806	11/06/2001	Method For Routing Optical Signals With Diversity Requirements
2004-0069	United States	11/206700	7630307	08/18/2005	Arrangement For Minimizing Data Overflow By Managing Data Buffer Occupancy, Especially Suitable For Fibre Channel Environments
2004-0172	United States	60/614076		09/29/2004	Sarbanes Management Website
2004-0172	United States	11/083631	8868456	03/18/2005	Method And Apparatus For Managing Financial Control Validation Processes
2004-0410	United States	11/268235	8572235	11/07/2005	Method And System For Monitoring A Complex IT Infrastructure At The Service Level
2004-0539	United States	11/448339	8131150	06/07/2006	Tunable Bidirectional Multiplexer/DeMultiplexer For Optical Transmission System
2004-0539	Patent Cooperation Treaty	PCT/US2007/013486		06/07/2007	Tunable Bidirectional Mux/deMux For Optical Transmission System
2005-0160	United States	11/259018	8549156	10/26/2005	Method And Apparatus For Sharing A Stored Video Session
2005-0168	United States	11/318862	8146146	12/23/2005	Method And Apparatus For Integrated Network Security Alert Information Retrieval
2007-0279	United States	11/960211	7864687	12/19/2007	Methods And Apparatus For Fault Identification In Border Gateway Protocol Networks
2007-0655	United States	60/975314		09/26/2007	Modeling Relationships At Multiple Scales To Improve Accuracy
2007-1029	United States	12/074388	8290362	03/04/2008	Predictive End-To-End Management For SONET Networks
2007-1029	United States	13/606428	8873946	09/07/2012	Predictive End-To-End Management For SONET Networks
2007-1067	United States	12/152003	7991872	05/12/2008	Vertical Integration Of Network Management For Ethernet And The Optical Transport

**PATENT**

**RECORDED: 07/20/2018**

**REEL: 046599 FRAME: 0488**