

## PATENT ASSIGNMENT COVER SHEET

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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.	06/30/2008
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<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14466346
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<b>ATTORNEY DOCKET NUMBER:</b>	030772CON2	
<b>NAME OF SUBMITTER:</b>	MELANIE MURDOCK	
<b>SIGNATURE:</b>	/Melanie Murdock/	
<b>DATE SIGNED:</b>	12/16/2015	
<b>Total Attachments: 2</b>		
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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 INTELLECTUAL PROPERTY  
MARKETING, INC.**

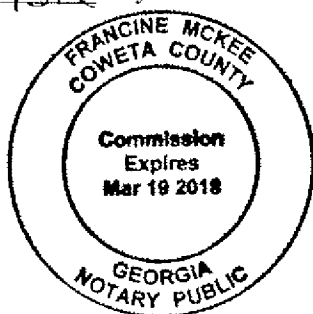
**As successor in interest to AT&T DELAWARE  
INTELLECTUAL PROPERTY, INC.**

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 she acknowledged to me that she executed the same for the purposes therein stated, this 15th day of December, 2015.

SEAL



Francine McKee  
Notary Public

**PATENT  
REEL: 037305 FRAME: 0112**

## ATTACHMENT A

AT&T Docket No. 030772

App. Number	Patent Number	Application Date	Title
14/466346		August 22, 2014	Systems And Methods For Dynamically Adjusting QoS Parameters
13/773672	8837490	February 22, 2013	Systems And Methods For Dynamically Adjusting QoS Parameters
12/719132	8391292	March 08, 2010	Systems And Methods For Dynamically Adjusting QoS Parameters