PATENT ASSIGNMENT

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			NUNC PRO TUNC ASSIGNMENT		
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CONVEYING PARTY DATA					
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AT&T Labs, Inc.				02/22/2013	
RECEIVING PARTY DATA					
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	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: 1		13491	3491040		
Property Type Number Application Number: 13491040 CORRESPONDENCE DATA					
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ATTORNEY DOCKET NUMBER:			13807.1240		
NAME OF SUBMITTER:			Nancy Joyce Simmons		
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NUNC PRO TUNC PATENT ASSIGNMENT

WHEREAS, AT&T Labs, Inc., (hereinafter referred to as "AT&T Labs"), a Delaware corporation with an address of 9505 Arboretum Blvd., Austin, TX 78759-6392, and AT&T Intellectual Property I, L.P., (hereinafter referred to as "AT&T Intellectual Property I"), a Nevada Partnership, with an address of 675 W. Peachtree Street, Atlanta, GA 30308 (AT&T Labs and AT&T Intellectual Property I, hereinafter collectively referred to as "the Parties") agree that Baofeng (Frank) Jiang, Xidong Wu, and Jin Wang (the "Inventors") listed on application serial number 12/006299, filed on January 2, 2008, and entitled "System And Method For Evaluating And Troubleshooting A Digital Subscriber Line System", was under an obligation to assign all right, title, and interest to the inventions described therein to AT&T Intellectual Property I, or a predecessor in interest to AT&T Intellectual Property I, at the time of such inventions; and

WHEREAS, through a clerical error, the Inventors executed an assignment document that purported to assign all of the Inventors' right, title and interest to the inventions to AT&T Labs; and

WHEREAS, the Parties agree that the Inventors' purported assignment to AT&T Labs was defective when the assignment document was executed by the Inventors' insofar as the Inventors' right, title, and interest is concerned; and

WHEREAS, the Parties agree that AT&T Intellectual Property I therefore owns the Inventors' right, title, and interest in and to said inventions, patents, and applications including the right to sue for past infringement; and

WHEREAS, to the extent AT&T Labs owns the Inventors' right, title, or interest in or to the inventions, patents, and applications, AT&T Labs desires to assign any such of the Inventors' right, title, or interest to AT&T Intellectual Property I including the right to sue for past infringement; and

NOW, THEREFORE, for and in consideration of Ten United States Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, AT&T Labs assigns to AT&T Intellectual Property I *nunc pro tunc*, all of the Inventors' right, title and interest including the right to sue for past infringement in and to said application and all patent which may be granted therefore, and all divisions, reissues, reexaminations, and continuations thereof; and AT&T Labs hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said inventions, or patents resulting there from, insofar as AT&T Lab's interest in the Inventors' rights, title and interest in said application from the Inventors. This Nunc Pro Tunc does not transfer the right, title or interest of AT&T Intellectual Property I from any other Inventors.

PATENT REEL: 029938 FRAME: 0591 IN WITNESS WHEREOF, the parties have caused this Patent Assignment to be executed on the dates and in the capacities shown below.

AT&T Services, Inc.

By: Jeurale Jealie

Title: Assistant Secreter, AT&T Services, as Successor-in-Interest to AT&T Labs, Inc. Date: _ +eb22, 2013

AT&T Intellectual I, L.P

By: Jacurale Peartone

Title: Assistant Secretary By its General Partner AT&T Intellectual Property Inc. Date: Tep 22, 2713