504304393 04/04/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
DONALD SMITH	12/16/2011
WENGE CHEN	12/15/2011
KUO-HUI LIU	12/16/2011
CHOU LAN POK	12/16/2011
MOHAMMAD M. ISLAM	12/17/2011
MICHAEL RECCHIA	12/16/2011

RECEIVING PARTY DATA

Name:	AT&T INTELLECTUAL PROPERTY I, L.P.
Street Address:	675 WEST PEACHTREE STREET
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30308

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15478116

CORRESPONDENCE DATA

Fax Number: (732)542-2283

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 732-542-2280

Email: khunter@trbklaw.com

AT&T LEGAL DEPARTMENT - TRBK **Correspondent Name:**

Address Line 1: ONE AT&T WAY Address Line 2: **ROOM 2A-212**

Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	2011-0124CON1
NAME OF SUBMITTER:	KIRSTEN HUNTER
SIGNATURE:	/Kirsten Hunter/
DATE SIGNED:	04/04/2017

PATENT REEL: 041839 FRAME: 0001 504304393

Total Attachments: 7 source=2011-0124CON1_Assignment#page1.tif source=2011-0124CON1_Assignment#page2.tif source=2011-0124CON1_Assignment#page3.tif source=2011-0124CON1_Assignment#page4.tif source=2011-0124CON1_Assignment#page5.tif source=2011-0124CON1_Assignment#page6.tif source=2011-0124CON1_Assignment#page7.tif

PATENT REEL: 041839 FRAME: 0002

ASSIGNMENT AND AGREEMENT

For value received, we, Donald Smith of San Ramon in the County of Contra Costa and State of California, Wenge Chen of Austin in the County of Travis and State of Texas, Kuo-Hui Liu of San Ramon in the County of Contra Costa and State of California, Chou Lan Pok of San Ramon in the County of Contra Costa and State of California, Mohammad M. Islam of Merrimack in the County of Hillsborough and State of New Hampshire, and Michael Recchia of Ocean in the County of Monmouth and State of New Jersey, hereby sell, assign and transfer to AT&T Intellectual Property I, L.P., a partnership organized and existing under the laws of the State of Nevada, having a place of business at 675 W. Peachtree Street, Atlanta, Georgia 30375, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to METHOD AND APPARATUS FOR MONITORING CONNECTIVITY IN A LONG TERM EVOLUTION NETWORK, described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to AT&T Intellectual Property I, L.P. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize AT&T Intellectual Property I, L.P. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Intellectual Property I, L.P. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to AT&T Intellectual Property I, L.P. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Intellectual Property I, L.P. may designate.

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We agree that, when requested, we shall, without charge to AT&T Intellectual Property I, L.P. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date: Pec 16, 2011

Daniel Scritch

County of Contra Costa
State of Chlisteria

On this 16th day of Pelewer, 2011, before me personally came DONALD SMITH, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

A. SEAN CUNNINGHAM
Commission # 1807249
Notary Public - California
Contra Costa County
My Comm. Expires Jul 24, 2012

A Sea Cy_ Notary Public

Date: 12/15/2011	Chewly & WENGE CHEN
County of Williamson) State of Texas)	
On this 1/5 th day of 1/2 came WENGE CHEN, to me known to the foregoing instrument, and acknowled	ecomber, 2011, before me personally the individual described in and who executed ged execution of the same.
KATHERINE C. SMITH Notary Public, State of Texas My Commission Expires February 24, 2016	Matherine C Smith Notary Public

Date: <u>Dec 16, 29/1</u>	KUO-HUI LIU
County of Contain (Osta) State of CAlifornia)	
On this 16th day of 6	be the individual described in and who executed
the foregoing instrument, and acknowle	edged execution of the same.
A. SEAN GUNNINGHAM Commission # 1807249 Notary Public - California Contra Costa County My Conxn. Expires Jul 24, 20	12 O Sear Cylon Notary Public

Date: 12/16/2011 CHOULAN POK	=
County of Cartua (06ta) State of California)	
State of CALITORNIA)	
On this 16th day of 16th, 2011, before me personal came CHOU LAN POK, to me known to be the individual described in and wh	y
executed the foregoing instrument, and acknowledged execution of the same.	
A. SEAN CUNNINGHAM Commission # 1807249 Notary Public - California Contra Costa County My Comm. Englas Jul 24, 2012	

Docket No. 2011-0124

Date:	12/17/2011

County of HIUSBORUNGH State of NEW HAMPSHIRE MOHAMMAD M. ISLAM

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Date: <u>De</u>	°C 16, 2011		MICHAEL	RECCHIA	_
County of State of	Moumouth NJ)			
came MICE	IAFI. RECCHIA.	to me known	December, 2011 to be the individual nowledged execution	l, before me personal described in and we of the same. Notary Public	lly ho Kor
				LUCILLE GIXON Notary Public	

PATENT REEL: 041839 FRAME: 0009

RECORDED: 04/04/2017