503056858 11/11/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3103459

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIALIN ZOU	11/11/2014

RECEIVING PARTY DATA

Name:	ALCATEL-LUCENT USA INC.	
Street Address:	600-700 Mountain Avenue	
Internal Address:		
City:	Murray Hill	
State/Country:	New Jersey	
Postal Code:	07974-0636	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14538377

CORRESPONDENCE DATA

Fax Number: (512)355-1119

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.

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Email: erin.mcgrath@ds-patent.com
Correspondent Name: DAVIDSON SHEEHAN LLP

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Address Line 4: AUSTIN, TEXAS 78701

ATTORNEY DOCKET NUMBER:	4100-816635-US	
NAME OF SUBMITTER:	MARK W SINCELL	
SIGNATURE:	/Mark W. Sincell/	
DATE SIGNED:	11/11/2014	

Total Attachments: 2

source=816635-US Assignment November 11, 2014#page1.tif source=816635-US Assignment November 11, 2014#page2.tif

PATENT 503056858 REEL: 034148 FRAME: 0223

ASSIGNMENT AND AGREEMENT

For value received, I, Jialin Zou, of Randolph, New Jersey, hereby sell, assign and transfer to Alcatel-Lucent USA Inc., a corporation of Delaware, having an office at 600-700 Mountain Avenue, Murray Hill, New Jersey, 07974-0636. United States of America, 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 STREAMING UNICAST SERVICES TO MULTIPLE USER EQUIPMENT described in an application for Letters Patent of the United States, executed by me 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 I also concurrently hereby sell, assign and transfer to Alcatel-Lucent USA Inc. 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.

I authorize Alcatel-Lucent USA Inc. 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.

I 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 Alcatel-Lucent USA Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Alcatel-Lucent USA Inc. in the United States and in all countries foreign to the United States, or to such nominees as Alcatel-Lucent USA Inc. may designate.

PATENT REEL: 034148 FRAME: 0224

I agree that, when requested, I shall, without charge to Alcatel-Lucent USA Inc. 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: 1//1/20/4

United States of America)

State of Many Gray) ss.:
County of Onion)

RECORDED: 11/11/2014

and who executed the foregoing instrument, and acknowledged execution of the same.

MARGAREI CARDOSO Commission # 2054488 Notary Public, State of New Jersey My Commission Expires December 02, 2018

> **PATENT** REEL: 034148 FRAME: 0225