

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2982174

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DENNIS W CAPECCI	07/31/2014
DAVID L SPAAY	08/01/2014
DAVID L BRUGMAN	07/31/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ALCATEL-LUCENT USA INC.
<b>Street Address:</b>	600-700 MOUNTAIN AVENUE
<b>City:</b>	MURRAY HILL
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07974-0636
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14444591
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	732-542-2280
<b>Email:</b>	dlane@walltong.com
<b>Correspondent Name:</b>	EAMON J. WALL
<b>Address Line 1:</b>	WALL & TONG LLP
<b>Address Line 2:</b>	25 JAMES WAY
<b>Address Line 4:</b>	EATONTOWN, NEW JERSEY 07724
<b>ATTORNEY DOCKET NUMBER:</b>	ALU/815915
<b>NAME OF SUBMITTER:</b>	DIANE V. LANE
<b>SIGNATURE:</b>	/Diane V. Lane/
<b>DATE SIGNED:</b>	08/14/2014
<b>Total Attachments: 4</b>	
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<b>PATENT</b>	

## ASSIGNMENT AND AGREEMENT

For value received, we,

Dennis W. CAPECCHI, of Finksburg, MD; and  
David L. SPAAY, of Naperville, IL; and  
David L. BRUGMAN, of San Clemente, CA

hereby sell, assign and transfer to Alcatel-Lucent USA Inc., a corporation of the State of Delaware, having an office at 600-700 Mountain Avenue, Murray Hill, New Jersey 07974-0636, 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 **SUBSCRIBER CABLE PAIR IDENTIFICATION** 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 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.

We 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 us, 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 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.

We 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.

We agree that, when requested, we 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.

Dennis W. Capecci  
Dennis W. CAPECCI

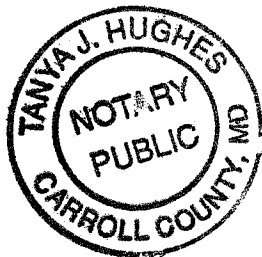
Date: July 31, 2014

United States of America )

State of Maryland ) ss.:

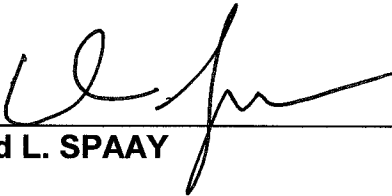
County of Carroll )

On this 31<sup>st</sup> day of July, 2014, before me personally came **Dennis W. CAPECCI**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Tanya J. Hughes  
Notary Public  
Comm. Exp 9-29-2017

Date: 8/1/2014

  
\_\_\_\_\_  
David L. SPAAY

United States of America )

State of Illinois ) ss.:

County of DuPage )

On this 1 day of August, 2014, before me personally came **David L. SPAAY**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



  
\_\_\_\_\_  
Notary Public

*David L. Brugman*

**David L. BRUGMAN**

Date: July 30, 2014

United States of America )

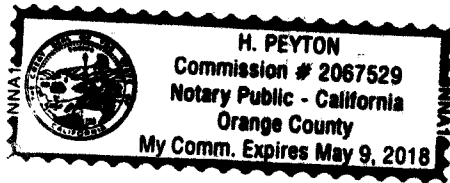
State of California ) ss.:

County of Orange )

On this 30 day of July, 2014, before me personally came **David L. BRUGMAN**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*H. Peyton*

Notary Public



Alcatel-Lucent USA Inc.  
600-700 Mountain Avenue  
Murray Hill, New Jersey 07974-0636