

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Nicolas K Fontaine</td> <td>05/15/2013</td> </tr> <tr> <td>David T Neilson</td> <td>05/15/2013</td> </tr> <tr> <td>Roland R Ryf</td> <td>05/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Nicolas K Fontaine	05/15/2013	David T Neilson	05/15/2013	Roland R Ryf	05/15/2013		
Name	Execution Date										
Nicolas K Fontaine	05/15/2013										
David T Neilson	05/15/2013										
Roland R Ryf	05/15/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Alcatel-Lucent USA, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>600-700 Mountain Avenue</td> </tr> <tr> <td>City:</td> <td>Murray Hill</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>07974-0636</td> </tr> </table>		Name:	Alcatel-Lucent USA, Inc.	Street Address:	600-700 Mountain Avenue	City:	Murray Hill	State/Country:	NEW JERSEY	Postal Code:	07974-0636
Name:	Alcatel-Lucent USA, Inc.										
Street Address:	600-700 Mountain Avenue										
City:	Murray Hill										
State/Country:	NEW JERSEY										
Postal Code:	07974-0636										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13827205</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13827205						
Property Type	Number										
Application Number:	13827205										
CORRESPONDENCE DATA											
Fax Number: 9724808865 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 972-480-8800 Email: carolyn.firestone@hittgaines.com Correspondent Name: HITT GAINES, PC ALCATEL-LUCENT Address Line 1: PO BOX 832570 Address Line 4: RICHARDSON, TEXAS 75083											
ATTORNEY DOCKET NUMBER:	811608-US-NP (ALLU)										
NAME OF SUBMITTER:	David H. Hitt										
Signature:	/David H. Hitt/										
Date:	05/31/2013										

CH \$40.00 13827205

Total Attachments: 4

source=ALLU_811608_Assign#page1.tif

source=ALLU_811608_Assign#page2.tif

source=ALLU_811608_Assign#page3.tif

source=ALLU_811608_Assign#page4.tif

ASSIGNMENT

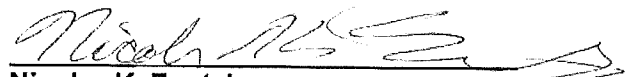
For value received, we Nicolas K. Fontaine, a citizen of the United States, in the County of Monmouth, and the State of New Jersey, David T. Neilson, a citizen of the United Kingdom, in the County of Monmouth, and the State of New Jersey, and Roland R. Ryf, a citizen of the United States, in the County of Monmouth, and the State of New Jersey, hereby sell, assign and transfer to Alcatel-Lucent USA, Inc., a Delaware Corporation, having an office at 600-700 Mountain Avenue, Murray Hill, NJ 07974, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, in and to certain inventions related to "SPATIAL DIVISION DIVERSITY IN PHOTONIC INTEGRATED CIRCUITS" described in an application for Letters Patent of the United States, filed on March 14, 2013 under Serial Number 13/827,205, and 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 foreign countries 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.

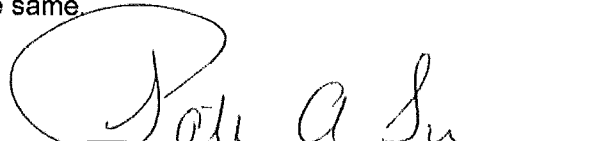
We agree that, when requested, I shall, without charge to Alcatel-Lucent USA, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


Nicolas K. Fontaine

State of New Jersey

§
§
§

On this 15th day of May, 2013, before me personally came Nicolas K. Fontaine, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.


NOTARY PUBLIC

August 28, 2017
My Commission Expires


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


David T. Neilson

State of New Jersey

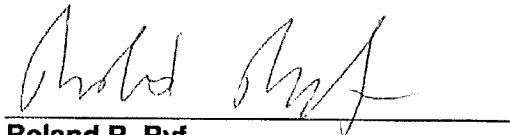
§
§
§

On this 15th day of May, 2013, before me personally came David T. Neilson, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.


NOTARY PUBLIC

August 28, 2017
My Commission Expires

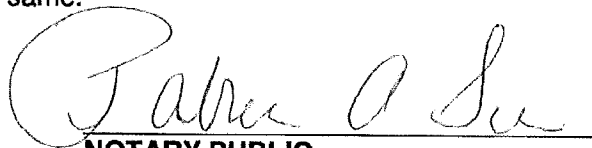
Alcatel-Lucent USA Inc.
600-700 Mountain Avenue
Murray Hill, New Jersey 07974-0636


Roland R. Ryf

State of New Jersey

§
§
§

On this 15th day of May, 2013, before me personally came Roland R. Ryf, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.


NOTARY PUBLIC

August 28, 2017
My Commission Expires

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