

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Georg HAMPEL</td> <td>12/10/2012</td> </tr> <tr> <td>Moritz STEINER</td> <td>12/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Georg HAMPEL	12/10/2012	Moritz STEINER	12/05/2012				
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Moritz STEINER	12/05/2012										
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
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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>13713429</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13713429						
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CORRESPONDENCE DATA											
<p>Fax Number: 7035199802  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-519-9801        Email: mail@krameramado.com        Correspondent Name: Terry W. Kramer, Esq. Kramer &amp; Amado, P.        Address Line 1: 330 John Carlyle Street        Address Line 2: Suite 300        Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	ALC 3849										
NAME OF SUBMITTER:	Jamyn Ray										
<p>Total Attachments: 3        source=ASSIGNMENTPAPERS#page1.tif        source=ASSIGNMENTPAPERS#page2.tif        source=ASSIGNMENTPAPERS#page3.tif</p>											

OP \$40.00 13713429

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Georg HAMPEL and Moritz STEINER

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 12/10/2012 and 12/05/2012

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: ALCATEL-LUCENT USA, INC.

Internal Address: \_\_\_\_\_

Street Address: 600-700 Mountain Avenue

City: Murray Hill

State: NJ

Country: us Zip: 07974

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Kramer & Amado P.C.

Internal Address: \_\_\_\_\_

Street Address: 330 John Carlyle Street, Suite 300

City: Alexandria

State: Virginia Zip: 22314

Phone Number: 703-519-9801

Fax Number: 703-519-9802

Email Address: mail@krameramado.com

**6. Total number of applications and patents involved:** \_\_\_\_\_

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- ☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 500578

Authorized User Name Terry W. Kramer

**9. Signature:**

/Eric J. Nuss/  
Signature

December 13, 2012  
Date

Eric J. Nuss  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1460

## ASSIGNMENT AND AGREEMENT

For value received, we, Karl Georg Hampel, of New York, NY, Moritz STEINER, of Montclair, NJ, 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 New Architecture For Cellular Networks 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.

Inventor: Karl Georg Hampel

Signature: [Signature]

Date: 12-10-2012

On this 10th day of December, 2012, before me personally came Karl Georg Hampel known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]

Notary Public

**MICHELE RUTTER**  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires Mar. 27, 2017

Inventor: Moritz STEINER

Signature: [Signature]

Date: 12/5/2012

On this 5th day of December, 2012, before me personally came Moritz STEINER known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]

Notary Public

**MICHELE RUTTER**  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires Mar. 27, 2017