

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALCATEL-LUCENT CANADA, INC.	04/27/2012
RECEIVING PARTY DATA	
Name:	ALCATEL-LUCENT
Street Address:	3, AVENUE OCTAVE GREARD
City:	PARIS
State/Country:	FRANCE
Postal Code:	75007
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13924778
CORRESPONDENCE DATA	
Fax Number:	7035199802
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7035199801
Email:	MAIL@KRAMERAMADO.COM
Correspondent Name:	KRAMER AMADO P.C.
Address Line 1:	330 JOHN CARLYLE ST.
Address Line 2:	3RD FLOOR
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	ALC 3698-CON
NAME OF SUBMITTER:	MIKI HINTON
Signature:	/MIKI HINTON /
Date:	06/24/2013
Total Attachments: 4 source=recordationALC#page1.tif source=recordationALC#page2.tif source=recordationALC#page3.tif source=recordationALC#page4.tif	

OP \$40.00 13924778

## 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)**

ALCATEL-LUCENT CANADA, INC.

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

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

Name: ALCATEL-LUCENT

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

Street Address: 3, AVENUE OCTAVE GREARD

City: PARIS

State: \_\_\_\_\_

Country: FRANCE

Zip: 75007

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

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

Execution Date(s) 04/27/2012

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

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

This document is being filed together with a new application.

A. Patent Application No.(s)

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, 3rd Floor

City: Alexandria

State: VA

Zip: 22314

Phone Number: 703 519 9801

Fax Number: 703519 9802

Email Address: mail@krameramado.com

**6. Total number of applications and patents involved: 1**

**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:**

/Terry W. Kramer/  
Signature

06/24/2013  
Date

Terry W. Kramer  
Name of Person Signing

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

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 1450, Alexandria, V.A. 22313-1450

**PATENT**  
**REEL: 030670 FRAME: 0702**

## ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Alcatel-Lucent Canada Inc.**, a corporation established and existing under the laws of Canada and having its principal place of business at 600 March Road, Kanata, Ontario, Canada K2K 2E6, ("Assignor") does hereby sell, assign, transfer and convey, subject to any existing rights, licenses and/or obligations of or to third parties, unto **Alcatel Lucent**, a corporation established and existing under the laws of France and having its principal place of business at 3, avenue Octave Gréard, 75007 PARIS, France ("Assignee"), all of Assignor's right, title and interest, for all countries, jurisdictions and political entities of the world, in and to any and all of the following (collectively, "Rights"):

- (a) The invention or inventions (collectively, "Inventions") identified in **APPENDIX A** and all the Intellectual Property rights and privileges under any and all forms of protection, including those enumerated below;
- (b) The patent application(s) filed with respect to said Inventions, as identified in **APPENDIX A**, and Patent applications or other applications that may be filed for protection including, without limitation, applications for certificates of invention, utility models, industrial design protection, design patent protection, and provisional patent applications wherever filed, with respect to the Inventions, (collectively, "Applications") including all rights to file and prosecute such Applications directly in the name of Assignee;
- (c) All patents including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, that may be granted, registered, or issued with respect to the Inventions or the Applications (collectively, "Patents") including, but not limited to, any already granted patents identified in **APPENDIX A**;
- (d) All patents and patent applications for which any of these Applications or Patents directly or indirectly form a basis for priority;
- (e) All reissues, requests for continuing examinations, re-examinations, extensions, continuations, continuations in part, continuing prosecution applications, divisions, or registrations of, any item in any of the any of the foregoing categories (b), (c) or (d);
- (f) The right to claim priority rights deriving or arising from any of the foregoing categories (b), (c), (d) or (e) and for Assignee to otherwise avail itself of the provisions of the International conventions governing the protection of inventions;

- (g) All causes of action and enforcement rights related to any of the foregoing categories (a), (b), (c), (d) or (e) (including, without limitation, the right to sue and to pursue damages, injunctive relief, or other remedies for past, present, or future infringement, misappropriation, or violation of rights related thereto);
- (h) All rights to license and to collect royalties and other payments under or on account of any of the foregoing categories (a), (b), (c), (d) or (e); and
- (i) Any and all other rights and interests arising out of, in connection with, or in relation to any of the foregoing categories (a), (b), (c), (d) or (e),

with respect to which, and to the extent to which, Assignor had or has acquired the right to so sell, assign, convey, transfer and deliver.

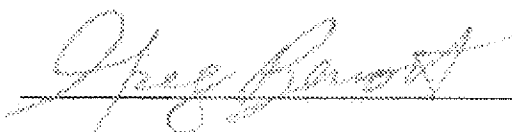
Assignor requests the respective patent office or governmental agency in each jurisdiction to grant or issue any and all letters patents, certificates of invention, utility models or other governmental or inter-governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the Assignee to the Assignor's entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors or assigns, and anyone properly designated by them and will be binding upon Assignor, its successors or assigns, and anyone properly designated by them.

**IN WITNESS WHEREOF**, each of the Parties has caused this Assignment to be executed by its duly authorized representatives on the respective dates entered below.

ASSIGNOR:

**Alcatel-Lucent Canada Inc.**

By: 

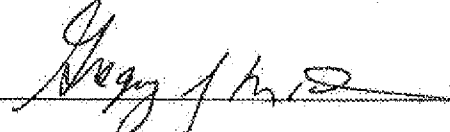
Name: Gregory Benoit

Title: Senior IP Counsel & Cluster Lead

Date: April 27, 2012

ASSIGNEE:

**Alcatel Lucent**

By: 

Name: Gregory J. Murgia

Title: Senior Director,  
Americas Patent Creation &  
Senior IP Corporate Counsel

Date: 4/30/12

**APPENDIX A**

<b>Our Case Ref</b>	<b>US Serial No.</b>	<b>WO Serial No.</b>
809220-US-NP	13/039738	PCT/US2012/026740
809105-US-NP	13/042815	N/A
809290-US-NP	13/076646	N/A
809472-US-NP	13/077102	N/A
809473-US-NP	13/077219	N/A