

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2981483

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ALCATEL-LUCENT USA INC.	07/07/2011
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ALCATEL LUCENT	
<b>Street Address:</b>	3, AVENUE OCTAVE GREARD	
<b>City:</b>	PARIS	
<b>State/Country:</b>	FRANCE	
<b>Postal Code:</b>	75007	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	13922335
<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>	908-582-7109	
<b>Email:</b>	narpatent@alcatel-lucent.com	
<b>Correspondent Name:</b>	DOCKET ADMINISTRATOR	
<b>Address Line 1:</b>	600-700 MOUNTAIN AVENUE	
<b>Address Line 2:</b>	ROOM 3B-212F	
<b>Address Line 4:</b>	MURRAY HILL, NEW JERSEY 07974-0636	
<b>ATTORNEY DOCKET NUMBER:</b>	805939-US-CNT (KBM)	
<b>NAME OF SUBMITTER:</b>	GREGORY J. MURGIA	
<b>SIGNATURE:</b>	/Gregory J. Murgia/	
<b>DATE SIGNED:</b>	08/14/2014	
<b>Total Attachments: 5</b>		
source=805939_Assignment_ALUUSAINC-toALU_4Aug2011#page1.tif		
source=805939_Assignment_ALUUSAINC-toALU_4Aug2011#page2.tif		
source=805939_Assignment_ALUUSAINC-toALU_4Aug2011#page3.tif		
source=805939_Assignment_ALUUSAINC-toALU_4Aug2011#page4.tif		
source=805939_Assignment_ALUUSAINC-toALU_4Aug2011#page5.tif		

## ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Alcatel-Lucent USA Inc.**, a corporation established and existing under the laws of the United States of America and having its principal place of business at 600-700 Mountain Avenue, Murray Hill, New Jersey 07974-0636, United States of America ("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 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 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 in duplicate originals by its duly authorized representatives on the respective dates entered below.

ASSIGNOR:

**Alcatel-Lucent USA Inc.**

By: John F. McCabe

Name: John F. McCabe

Title: Senior IP Counsel & Cluster Lead

Date: August 4, 2011

ASSIGNEE:

**ALCATEL LUCENT**

By: Gregory J. Murgia

Name: Gregory J. Murgia

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

Date: 4 Aug 2011

**APPENDIX A**

<b>Our Case Ref</b>	<b>US Serial No.</b>	<b>WO Serial No.</b>
805213-US-NP	12/684234	PCT/US2011/020020
805252-US-NP	12/652851	PCT/US2010/060239
805287-US-NP	12/655991	PCT/US2011/020156
805657-US-NP	12/652815	PCT/US2011/020004
805705-US-NP	12/651901	PCT/US2010/060172
805787-US-NP	12/652867	PCT/US2010/060669
805805-US-NP	12/654842	PCT/US2010/059848
805839-US-NP	12/685895	PCT/US2011/020203
805840-US-NP	12/683516	PCT/US2010/060385
805843-US-NP	12/732504	PCT/US2011/029516
805909-US-NP	12/652390	PCT/US2011/020017
805939-US-NP	12/688307	PCT/US2011/020435
806246-US-NP	12/698243	PCT/US2011/023261
806247-US-NP	12/696353	PCT/US2011/021509
806254-US-NP	12/696642	PCT/US2011/022009
806286-US-NP	12/728802	PCT/US2011/028913
806290-US-NP	12/696520	PCT/US2011/021468
806353-US-NP	12/656389	PCT/US2011/020527
806374-US-NP	12/705212	PCT/US2011/024119
806402-US-NP	12/690609	PCT/US2011/021353
806418-US-NP	12/659880	PCT/US2011/028588
806441-US-NP	12/751626	PCT/US2011/029608
806462-US-NP	12/656431	PCT/US2011/021444
806476-US-NP	12/695864	PCT/US2011/020475
806495-US-NP	12/651913	PCT/US2011/020005
806554-US-NP	12/726491	PCT/US2011/024826
806569-US-NP	12/718565	PCT/US2011/026782
806626-US-NP	12/687515	PCT/US2011/020686
806632-US-NP	12/732293	PCT/US2011/029036
806644-US-NP	12/748985	PCT/US2011/028262
806658-US-NP	12/656071	PCT/US2011/020174

806659-US-NP	12/713664	PCT/US2011/022540
806711-US-NP	13/010262	PCT/US2011/022402
806778-US-NP	12/659201	PCT/US2011/024958
806814-US-NP	12/724542	PCT/US2011/026827
806865-US-NP	12/751990	PCT/US2011/027514
806878-US-NP	12/723116	PCT/US2011/026409
806968-US-NP	12/828443	PCT/US2011/023264
806975-US-NP	12/723049	PCT/US2011/025641
807000-US-NP	12/659471	PCT/US2011/024684
807009-US-CIP	12/732800	PCT/US2011/027832
807116-US-NP	12/724578	PCT/US2011/026802
807124-US-NP	13/047859	PCT/US2011/028658
807171-US-NP	12/985730	PCT/US2011/029028