

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3693022

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
ALCATEL-LUCENT USA INC.		01/11/2016
RECEIVING PARTY DATA		
Name:	ALCATEL LUCENT	
Street Address:	148/152 ROUTE DE LA REINE	
City:	BOULOGNE-BILLANCOURT	
State/Country:	FRANCE	
Postal Code:	92100	
PROPERTY NUMBERS Total: 13		
Property Type	Number	
Application Number:	14587164	
Application Number:	14531490	
Application Number:	14531529	
Application Number:	14577165	
Application Number:	14567328	
Application Number:	14579389	
Application Number:	14573628	
Application Number:	14541779	
Application Number:	14538377	
Application Number:	14561029	
Application Number:	14537416	
Application Number:	14571416	
Application Number:	14576405	
CORRESPONDENCE DATA		
Fax Number:	(908)582-3850	
<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>		
Phone:	908-582-4662	
Email:	narpatent@alcatel-lucent.com	
Correspondent Name:	GREGORY J. MURGIA	
Address Line 1:	600-700 MOUNTAIN AVENUE	

PATENT

Address Line 2:	DOCKET ADMINISTRATOR - ROOM 3B-212F
Address Line 4:	MURRAY HILL, NEW JERSEY 07974

ATTORNEY DOCKET NUMBER:	NOV-DEC 2014 - ALUS > ALU
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NAME OF SUBMITTER:	GREGORY J. MURGIA
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SIGNATURE:	/Gregory J. Murgia/
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DATE SIGNED:	01/13/2016
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Total Attachments: 3

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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 148/152 Route de la Reine, 92100 Boulogne-Billancourt, 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");
- (d) All reissues, requests for continuing examinations, re-examinations, extensions, continuations, continuing prosecution applications, divisions, or registrations of, any item in any of the foregoing categories (b) or (c);
- (e) The right to claim priority rights deriving or arising from any of the foregoing categories (b), (c) or (d) and for Assignee to otherwise avail itself of the provisions of the international conventions governing the protection of inventions;
- (f) All causes of action and enforcement rights related to any of the foregoing categories (a), (b), (c) or (d) (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);
- (g) All rights to license and to collect royalties and other payments under or on account of any of the foregoing categories (a), (b), (c) or (d); and
- (h) 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) or (d),

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 USA Inc.

By: John McCabe

Name: John F. McCabe

Title: Senior IP Counsel & Cluster Lead

Date: 11 January 2016

ASSIGNEE:

Alcatel Lucent

By: Gregory J. Murgia

Name: Gregory J. Murgia

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

Date: 12 Jan 2016

APPENDIX A

Our Case Ref	US App. No.	WO App. No.
815393-US-NP	14/587164	PCT/US2015/066615
815548-US-NP	14/531490	PCT/US2015/057355
815549-US-NP	14/531529	PCT/US2015/058633
815560-US-NP	14/577165	PCT/US2014/071872
815621-US-NP	14/567328	PCT/US2015/064177
815708-US-NP	14/579389	PCT/US2015/055426
816181-US-NP	14/573628	PCT/US2015/066357
816344-US-NP	14/541779	PCT/US2015/033875
816635-US-NP	14/538377	PCT/US2015/058640
817150-US-NP	14/561029	PCT/US2015/063066
817206-US-NP	14/537416	PCT/US2015/058912
817247-US-NP	14/571416	PCT/US2015/063091
817438-US-NP	14/576405	PCT/US2015/065432