

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4008831

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ALCATEL-LUCENT USA INC.	01/23/2014
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:	15019575
CORRESPONDENCE DATA		
Fax Number:		
<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:	908-582-4186	
Email:	narpatent@nokia.com	
Correspondent Name:	DOCKET ADMINISTRATOR	
Address Line 1:	600-700 MOUNTAIN AVENUE	
Address Line 2:	ROOM 3B-212F	
Address Line 4:	MURRAY HILL, NEW JERSEY 07974-0636	
ATTORNEY DOCKET NUMBER:	812091-US-CNT (MTP)	
NAME OF SUBMITTER:	NIRAJ A. DESAI	
SIGNATURE:	/Niraj A. Desai/	
DATE SIGNED:	08/16/2016	
Total Attachments: 4		
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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 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:

ASSIGNEE:

Alcatel-Lucent USA Inc.

Alcatel Lucent

By: John McCabe

By: Gregory J. Murgia

Name: John F. McCabe

Name: Gregory J. Murgia

Title: Senior IP Counsel & Cluster Lead

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

Date: 23 January 2014

Date: 23 Jan 2014

APPENDIX A

Our Case Ref	US Serial No.	WO Serial No.
808927-US-NP	13/726382	PCT/US2013/073295
809849-US-NP	13/731710	
810178-US-NP	13/727978	
810245-US-NP	13/721748	PCT/US2013/074299
810256-US-NP	13/731791	
810329-US-NP	13/731236	PCT/US2013/073285
810426-US-NP	13/728653	
810908-US-NP	13/724926	PCT/US2013/075916
810971-US-NP	13/731280	PCT/US2013/074180
810978-US-NP	13/715072	
811060-US-NP	13/692567	
811080-US-NP	13/705965	
811263-US-NP	13/729967	PCT/US2013/023384
811638-US-NP	13/731202	
811639-US-NP	13/726812	
811782-US-NP	13/731597	
811789-US-NP	13/731645	
811823-US-NP	13/719088	PCT/US2013/074849
811921-US-NP	13/719980	PCT/US2013/073024
811958-US-NP	13/721248	
812016-US-NP	13/721920	
812017-US-NP	13/730270	PCT/US2013/076248
812062-US-NP	13/726117	
812068-US-NP	13/730131	
812085-US-NP	13/731285	PCT/US2013/051793
812091-US-NP	13/722152	PCT/US2013/050536
812092-US-NP	13/722642	PCT/US2013/050510
812153-US-NP	13/713308	
812179-US-NP	13/729403	
812191-US-NP	13/717982	PCT/US2013/072184
812240-US-NP	13/722837	
812253-US-NP	13/719623	PCT/US2013/072963
812312-US-NP	13/731408	
812316-US-NP	13/722317	PCT/US2013/048118
812317-US-NP	13/722076	PCT/US2013/047890
812420-US-NP	13/731516	
812433-US-NP	13/729619	PCT/US2013/076255
812453-US-NP	13/723833	

812502-US-NP	13/726768	PCT/US2013/076150
812512-US-NP	13/722407	
812517-US-NP	13/731183	PCT/US2013/059676
812521-US-NP	13/729498	PCT/US2013/077380
812525-US-NP	13/727852	
812621-US-NP	13/715182	PCT/US2013/072541
812634-US-NP	13/729790	
812635-US-NP	13/724515	
812683-US-NP	13/727805	PCT/US2013/076125
812809-US-NP	13/724090	
812914-US-NP	13/705818	
813002-US-CIP	13/731738	
813009-US-NP	13/708336	PCT/US2013/071141
813191-US-NP	13/710177	PCT/US2013/071442
813236-US-NP	13/713429	PCT/US2013/073513
813246-US-NP	13/726896	PCT/US2013/075250
813342-US-NP	13/723434	PCT/US2013/074414