503925587 07/21/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALCATEL-LUCENT USA INC.	07/19/2016

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: 7

Property Type	Number
Application Number:	14713560
Application Number:	14706339
Application Number:	14716646
Application Number:	14748756
Application Number:	14740767
Application Number:	14730782
Application Number:	14750844

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	MAY-JUN 2015 AL-US TO ALU	
NAME OF SUBMITTER:	NIRAJ A. DESAI	
SIGNATURE:	/Niraj A. Desai/	
DATE SIGNED:	07/21/2016	

503925587 REEL: 039212 FRAME: 0856

PATENT

Total Attachments: 3

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PATENT REEL: 039212 FRAME: 0857

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),

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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: Jh. Mill	ву: ВУ /г
Name: John F. McCabe	Name: Bernard Zucker
Title: Senior IP Counsel & Cluster Lead	Title: Vice President, Law Services
Date: 19 July 2016	Date: 20 July 2016

APPENDIX A

Our Case Ref	US App. No.	WO App. No.
816467-US-NP	14/713560	PCT/US2016/032479
817784-US-NP	14/706339	PCT/US2016/030627
818202-US-NP	14/716646	PCT/US2016/031005
817674-US-NP	14/748756	PCT/US2016/039187
817703-US-NP	14/740767	PCT/US2016/037517
817734-US-NP	14/730782	PCT/US2016/021301
818312-US-NP	14/750844	PCT/US2016/038285