

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3941365

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	03/01/2016	
CONVEYING PARTY DATA		
Name		Execution Date
ALCATEL-LUCENT USA INC.		06/21/2016
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: 27		
Property Type	Number	
Patent Number:	9326152	
Patent Number:	9326201	
Patent Number:	9329345	
Patent Number:	9327712	
Patent Number:	9344333	
Patent Number:	9350570	
Patent Number:	9342660	
Patent Number:	9369213	
Patent Number:	9369379	
Patent Number:	9356912	
Patent Number:	9374222	
Patent Number:	9374171	
Patent Number:	9374714	
Patent Number:	9374188	
Patent Number:	9378503	
Patent Number:	9379423	
Application Number:	15172309	
Application Number:	14247470	
Application Number:	14318639	

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Property Type	Number
Application Number:	14120316
Application Number:	14456262
Application Number:	14626550
Application Number:	12466533
Application Number:	12232303
Application Number:	11562467
Application Number:	14941735
Application Number:	12318926

CORRESPONDENCE DATA

Fax Number:

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: MAR-APR-MAY-JUNE2016

NAME OF SUBMITTER: NIRAJ A. DESAI

SIGNATURE: /Niraj A. Desai/

DATE SIGNED: 06/29/2016

Total Attachments: 4

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CONFIRMATORY ASSIGNMENT

This Confirmatory Patent Assignment (this "Assignment") **dated effective March 1, 2016**, by and between **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 and/or licenses 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 right, title and interest that Assignor may have, 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 reissues, requests for continuing examinations, re-examinations, extensions, continuations, continuing prosecution applications, divisions, or registrations of, any item in any of the 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 may have the right to so sell, assign, convey, transfer and deliver.

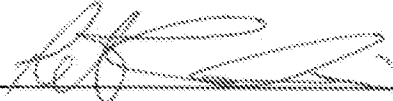
Assignor requests the respective patent office or governmental agency in each jurisdiction to grant or issue any and all letters patents, certificates of invention, utility models or other governmental or inter-governmental grants or issuances that may be granted upon any of the Rights in the name of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

Name: Peter Cucchiara

Title: Director of Global Patent Operations,
Data Management, & Systems Administration

Date: 21 JUNE 2016

ASSIGNOR:

ALCATEL-LUCENT USA INC.

By: 

Name: Steven R. Santema

Title: Senior IP Corporate Counsel & Cluster Lead

Date: 21 June 2016

ASSIGNEE:

ALCATEL LUCENT

By: 

Name: Bernard Zucker

Title: Vice President, Law Services

Date: 21 June 2016

APPENDIX A

(March/April/May/June 2016 US Grant Fees)

FAMILY REFERENCE	CASE REFERENCE	COUNTRY	FILING DATE	FILING NUMBER	GRANT DATE	GRANT NUMBER
816025	816025-US-NP	US	04-Nov-2014	14/532079	26-Apr-2016	US9326152
Claussen 20-16-54 (H)	Claussen 20-16-54 (H)-US-NP	US	22-Dec-2006	11/615027	26-Apr-2016	US9326201
	Claussen 20-16-54 (H)-KR-PCT	KR	14-Dec-2007	20097012756	16-Nov-2012	KR101203930
	Claussen 20-16-54 (H)-IN-PCT	IN	14-Dec-2007	3587/CHENP/2009		
	Claussen 20-16-54 (H)-CN-PCT	CN	14-Dec-2007	200780047201.5	19-Jun-2013	ZL200780047201.5
	Claussen 20-16-54 (H)-JP-PCT	JP	14-Dec-2007	2009542813	13-Jul-2012	JP5039792
	Claussen 20-16-54 (H)-GB-EPT	GB	14-Dec-2007	07853383.3	13-Feb-2013	EP2127452
	Claussen 20-16-54 (H)-DE-EPT	DE	14-Dec-2007	07853383.3	13-Feb-2013	EP2127452
	Claussen 20-16-54 (H)-FR-EPT	FR	14-Dec-2007	07853383.3	13-Feb-2013	EP2127452
814368	814368-US-NP	US	22-Nov-2013	14/087714	03-May-2016	US9329345
	814368-TW-NP	TW	17-Nov-2014	103139821		
814897	814897-US-NP	US	22-Apr-2014	14/258207	03-May-2016	US9327712
816113	816113-US-NP	US	05-May-2014	14/269308	17-May-2016	US9344333
816879	816879-US-NP	US	19-Sep-2014	14/491473	24-May-2016	US9350570
Blumberg 13 (G)	Blumberg 13 (G)-US-NP	US	20-Oct-2006	11/584452	17-May-2016	US9342660
817211	817211-US-NP	US	09-Mar-2015	14/642187	14-Jun-2016	US9369213
815751	815751-US-NP	US	30-Sep-2014	14/502628	14-Jun-2016	US9369379
816184	816184-US-NP	US	20-Aug-2014	14/463701	31-May-2016	US9356912
816538	816538-US-CNT	US	03-Jun-2016	15/172309		
	816538-US-NP	US	02-Sep-2014	14/475014	21-Jun-2016	US9374222
816826	816826-US-NP	US	18-Dec-2014	14/575596	21-Jun-2016	US9374171
Abusch-Magder 6 (D)	Abusch-Magder 6 (D)-US-NP	US	22-Mar-2006	11/385881	21-Jun-2016	US9374714
Essiambre 20-4-33-21 (R)	Essiambre 20-4-33-21 (R)-KR-	KR	04-Dec-2009	20117016044		
	Essiambre 20-4-33-21 (R)-CN-	CN	04-Dec-2009	200980149875.5		
	Essiambre 20-4-33-21 (R)-US-NP	US	12-Dec-2008	12/316389	21-Jun-2016	US9374188
	Essiambre 20-4-33-21 (R)-JP-PCT	JP	04-Dec-2009	2011540786		
	Essiambre 20-4-33-21 (R)-EP-EPT	EP	04-Dec-2009	09775422.0		
807528	807528-US-NP	US	30-Jun-2010	12/801893	28-Jun-2016	US9378503
814329	814329-US-NP	US	08-Apr-2014	14/247470		
814364	814364-US-NP	US	15-May-2014	14/278887	28-Jun-2016	US9379423
814557	814557-US-NP	US	28-Jun-2014	14/318639		

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REEL: 039042 FRAME: 0998

APPENDIX A

(March/April/May/June 2016 US Grant Fees)

FAMILY REFERENCE	CASE REFERENCE	COUNTRY	FILING DATE	FILING NUMBER	GRANT DATE	GRANT NUMBER
815900	815900-US-NP	US	14-May-2014	14/120316		
816026	816026-US-NP	US	11-Aug-2014	14/456262		
816767	816767-US-NP	US	19-Feb-2015	14/626550		
Acharya 1-8-56 (J)	Acharya 1-8-56 (J)-US-NP	US	15-May-2009	12/466533		
Balachandran 58-20-5 (K)	Balachandran 58-20-5 (K)-KR-	KR	14-Sep-2009	20117005722	19-Apr-2013	KR101258105
	Balachandran 58-20-5 (K)-CN-PCT	CN	14-Sep-2009	200980136117.X		
	Balachandran 58-20-5 (K)-IN-PCT	IN	14-Sep-2009	1697/CHENP/2011		
	Balachandran 58-20-5 (K)-US-NP	US	15-Sep-2008	12/232303		
	Balachandran 58-20-5 (K)-JP-PCT	JP	14-Sep-2009	2011526866	21-Jun-2013	JP5296210
	Balachandran 58-20-5 (K)-EP-	EP	14-Sep-2009	09789301.0		
	Balachandran 58-20-5 (K)-EP-	EP	14-Sep-2009	11161829.4		
	Balachandran 58-20-5 (K)-BR-	BR	14-Sep-2009	PI0919223-9		
Claussen 19-15-4-25 (H)	Claussen 19-15-4-25 (H)-KR-PCT	KR	16-Nov-2007	20097009945	17-May-2011	KR101036447
	Claussen 19-15-4-25 (H)-IN-PCT	IN	16-Nov-2007	2721/CHENP/2009		
	Claussen 19-15-4-25 (H)-CN-PCT	CN	16-Nov-2007	200780043411.7		
	Claussen 19-15-4-25 (H)-US-NP	US	22-Nov-2006	11/562467		
	Claussen 19-15-4-25 (H)-JP-PCT	JP	16-Nov-2007	2009538394	06-Jul-2012	JP5031845
	Claussen 19-15-4-25 (H)-US-CNT	US	16-Nov-2015	14/941735		
	Claussen 19-15-4-25 (H)-EP-EPT	EP	16-Nov-2007	07867518.8		
Wang 12-49 (X)	Wang 12-49 (X)-US-NP	US	13-Jan-2009	12/318926		

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