

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3190548

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
ALCATEL-LUCENT USA INC.		01/15/2015
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: 22		
Property Type	Number	
Application Number:	13340916	
Application Number:	14584906	
Application Number:	11670092	
Application Number:	12023489	
Application Number:	11303915	
Application Number:	14534469	
Application Number:	11647274	
Application Number:	11557176	
Application Number:	11771213	
Application Number:	11393900	
Application Number:	12191091	
Application Number:	14589408	
Application Number:	11431271	
Application Number:	11139693	
Application Number:	14588688	
Application Number:	11433835	
Application Number:	11126504	
Application Number:	11147491	
Application Number:	11147768	
Application Number:	11147642	

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Property Type	Number
Application Number:	11147665
Application Number:	11147937

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:	JAN2015-ISSUEFEES
NAME OF SUBMITTER:	GREGORY J. MURGIA
SIGNATURE:	/Gregory J. Murgia/
DATE SIGNED:	01/21/2015

Total Attachments: 5

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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 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 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 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 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: Steven R. Santema

Name: Steven R. Santema

Title: Senior IP Corporate Counsel & Cluster Lead

Date: 1/15/15

ASSIGNEE:

ALCATEL LUCENT

By: Gregory J. Murgia

Name: Gregory J. Murgia

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

Date: 20 Jan 2015

APPENDIX A (January 2015 US Grant Fees)

FAMILY REFERENCE	CASE REFERENCE	COUNTRY	FILING DATE	FILING NUMBER	GRANT DATE	GRANT NUMBER
809507	809507-US-NP	US	30-Dec-2011	13/340916		
Ansari 2-2-41-3-24-34 (FA)	Ansari 2-2-41-3-24-34 (FA)-IN-NP	IN	31-Oct-2005	1583/CHE/2005	08-Jul-2014	IN261673
	Ansari 2-2-41-3-24-34 (FA)-KR-NP	KR	31-Oct-2005	20050102888	21-Feb-2013	KR101237862
	Ansari 2-2-41-3-24-34 (FA)-US-NP	US	08-Jun-2005	11/147472	29-Nov-2011	US8068408
	Ansari 2-2-41-3-24-34 (FA)-JP-NP	JP	01-Nov-2005	2005318066	29-Jul-2011	JP4790376
	Ansari 2-2-41-3-24-34 (FA)-US-CNT	US	07-Nov-2011	13/290633	30-Apr-2013	US8432787
	Ansari 2-2-41-3-24-34 (FA)-CN-NP	CN	31-Oct-2005	200510118793.8	12-Jan-2011	ZL200510118793.8
	Ansari 2-2-41-3-24-34 (FA)-FR-EPA	FR	25-Oct-2005	05256624.7	23-Dec-2009	EP1653688
	Ansari 2-2-41-3-24-34 (FA)-GB-EPA	GB	25-Oct-2005	05256624.7	23-Dec-2009	EP1653688
	Ansari 2-2-41-3-24-34 (FA)-DE-EPA	DE	25-Oct-2005	05256624.7	23-Dec-2009	EP1653688
	Bachi 28-26-18-14-24 (RW)-CN-PCT	CN	23-Jan-2008	PCT/US2008/000887		
	Bachi 28-26-18-14-24 (RW)-JP-PCT	JP	23-Jan-2008	PCT/US2008/000887		
	Bachi 28-26-18-14-24 (RW)-US-CNT	US	29-Dec-2014	14/584906		
Blumberg 18-24 (G)	Bachi 28-26-18-14-24 (RW)-US-NP	US	01-Feb-2007	11/670092		
	Blumberg 18-24 (G)-US-NP	US	31-Jan-2008	12/023489		
Bu 6-6-40 (T)	Bu 6-6-40 (T)-IN-PCT	IN	15-Dec-2006	3087/CHE/2008		
	Bu 6-6-40 (T)-JP-PCD	JP	15-Dec-2006	2012173597	28-Mar-2014	JP5506871
	Bu 6-6-40 (T)-KR-PCT	KR	15-Dec-2006	20087014804		
	Bu 6-6-40 (T)-CN-PCT	CN	15-Dec-2006	200680047810.6		
	Bu 6-6-40 (T)-US-NP	US	19-Dec-2005	11/303915		
	Bu 6-6-40 (T)-JP-PCT	JP	15-Dec-2006	2008547354	04-Oct-2013	JP5378799
	Bu 6-6-40 (T)-EP-EPT	EP	15-Dec-2006	06845546.8		
	Bu 9-8-29 (T)-US-CNT	US	06-Nov-2014	14/534469		
	Bu 9-8-29 (T)-US-NP	US	29-Dec-2006	11/647274		
	Buddhikot 14-22-1 (MM)	US	07-Nov-2006	11/557176		
	Capece 7-13 (CJ)-US-NP	US	29-Jun-2007	11/771213		
	Chandranmenon 5-8-16-18-6	IN	19-Mar-2007	5058/CHE/2008		
Cilli 1-6 (BR)	Chandranmenon 5-8-16-18-6 (GP)-IN-PCT	IN	19-Mar-2007	20087024015	03-Mar-2014	KR101372011
	Chandranmenon 5-8-16-18-6 (GP)-KR-PCT	KR	19-Mar-2007	200780011811.X		
	Chandranmenon 5-8-16-18-6 (GP)-CN-	CN	19-Mar-2007	11/393900		
	Chandranmenon 5-8-16-18-6 (GP)-US-NP	US	31-Mar-2006	2009502848	02-May-2013	JP5260491
	Chandranmenon 5-8-16-18-6 (GP)-JP-PCT	JP	19-Mar-2007	07753432.9		
	Chandranmenon 5-8-16-18-6 (GP)-EP-EPT	EP	19-Mar-2007	12/191091		
	Cilli 1-6 (BR)-US-NP	US	13-Aug-2008			

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FAMILY REFERENCE	CASE REFERENCE	COUNTRY	FILING DATE	FILING NUMBER	GRANT DATE	GRANT NUMBER
Claussen 13-10-17-46 (H)	Claussen 13-10-17-46 (H)-KR-PCT	KR	27-Apr-2007	20087027386	19-Aug-2011	KR101059610
	Claussen 13-10-17-46 (H)-US-CNT	US	05-Jan-2015	14/589408		
	Claussen 13-10-17-46 (H)-IN-PCT	IN	27-Apr-2007	5959/CHENP/2008		
	Claussen 13-10-17-46 (H)-CN-PCT	CN	27-Apr-2007	200780016697.X	31-Jul-2013	ZL200780016697.X
	Claussen 13-10-17-46 (H)-US-NP	US	10-May-2006	11/431271		
	Claussen 13-10-17-46 (H)-JP-PCT	JP	27-Apr-2007	2009509628	15-Mar-2013	JP5220729
	Claussen 13-10-17-46 (H)-DE-EPT	DE	27-Apr-2007	07776407.4	09-Oct-2013	EP2018735
	Claussen 13-10-17-46 (H)-FR-EPT	FR	27-Apr-2007	07776407.4	09-Oct-2013	EP2018735
	Claussen 13-10-17-46 (H)-GB-EPT	GB	27-Apr-2007	07776407.4	09-Oct-2013	EP2018735
Dominique 19-15-9 (F)	Dominique 19-15-9 (F)-KR-PCT	KR	05-May-2006	20077027919	24-Jan-2013	KR101228234
	Dominique 19-15-9 (F)-US-NP	US	31-May-2005	11/139693		
	Dominique 19-15-9 (F)-JP-PCT	JP	05-May-2006	2008514662	01-Jun-2012	JP5004951
	Dominique 19-15-9 (F)-CN-PCT	CN	05-May-2006	200680019030.0		
	Dominique 19-15-9 (F)-FR-EPT	FR	05-May-2006	06752265.6	16-Jan-2013	EP1886417
	Dominique 19-15-9 (F)-GB-EPT	GB	05-May-2006	06752265.6	16-Jan-2013	EP1886417
	Dominique 19-15-9 (F)-DE-EPT	DE	05-May-2006	06752265.6	16-Jan-2013	EP1886417
	Feder 22-20 (PM)-IL-PCT	IL	02-May-2007	195136		
	Feder 22-20 (PM)-IN-PCT	IN	02-May-2007	5993/CHENP/2008		
	Feder 22-20 (PM)-MX-PCT	MX	02-May-2007	MX/a/2008/014183	20-Apr-2011	MX285963
Feder 22-20 (PM)	Feder 22-20 (PM)-KR-PCT	KR	02-May-2007	20087027415	23-Sep-2013	KR101312324
	Feder 22-20 (PM)-US-CNT	US	02-Jan-2015	14/588688		
	Feder 22-20 (PM)-RU-PCT	RU	02-May-2007	2008148602		
	Feder 22-20 (PM)-AU-PCT	AU	02-May-2007	2007250082	17-Feb-2011	AU2007250082
	Feder 22-20 (PM)-BR-PCT	BR	02-May-2007	PI0711320-0		
	Feder 22-20 (PM)-CN-PCT	CN	02-May-2007	200780017321.0	24-Apr-2013	ZL200780017321.0
	Feder 22-20 (PM)-US-NP	US	12-May-2006	11/433835		
	Feder 22-20 (PM)-TW-NP	TW	07-May-2007	096116160	21-Jul-2014	TW1446750
	Feder 22-20 (PM)-JP-PCT	JP	02-May-2007	2009510960	11-May-2012	JP4989721
	Feder 22-20 (PM)-CN-PCD	CN	02-May-2007	201310090121.5		
	Feder 22-20 (PM)-EP-EPT	EP	02-May-2007	07776597.2		
	Haalen 3-11 (Rv)-US-NP	US	11-May-2005	11/126504		

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FAMILY REFERENCE	CASE REFERENCE	COUNTRY	FILING DATE	FILING NUMBER	GRANT DATE	GRANT NUMBER
Lakshman 35-2-23-62-31 (TV)	Lakshman 35-2-23-62-31 (TV)-US-PSP	US	01-Nov-2004	60/623885		
	Ansari 4-3-45-5-26-38 (FA)-IN-NP	IN	31-Oct-2005	1582/CHE/2005		
	Lakshman 44-65-37 (TV)-IN-NP	IN	31-Oct-2005	1576/CHE/2005		
	Ansari 3-42-4-25-35 (FA)-IN-NP	IN	31-Oct-2005	1577/CHE/2005		
	Ansari 3-42-4-25-35 (FA)-KR-NP	KR	01-Nov-2005	20050103949	26-Apr-2013	KR101260233
	Lakshman 35-2-23-62-31 (TV)-IN-NP	IN	31-Oct-2005	1578/CHE/2005	16-Jul-2014	IN261824
	Ansari 4-3-45-5-26-38 (FA)-KR-NP	KR	01-Nov-2005	2005-0103951		
	Lakshman 44-65-37 (TV)-KR-NP	KR	01-Nov-2005	2005-0103809		
	Lakshman 43-64-36 (TV)-KR-NP	KR	01-Nov-2005	20050104005	21-Mar-2013	KR101248040
	Lakshman 43-64-36 (TV)-IN-NP	IN	31-Oct-2005	1581/CHE/2005	16-Sep-2014	IN262816
	Lakshman 35-2-23-62-31 (TV)-KR-NP	KR	31-Oct-2005	20050102998	25-Jan-2013	KR101228404
	Ansari 4-3-45-5-26-38 (FA)-JP-NP	JP	01-Nov-2005	2005-317830		
	Lakshman 44-65-37 (TV)-JP-NP	JP	01-Nov-2005	2005-318075		
	Ansari 4-3-45-5-26-38 (FA)-US-NP	US	08-Jun-2005	11/147491		
	Lakshman 44-65-37 (TV)-US-NP	US	08-Jun-2005	11/147768		
	Lakshman 35-2-23-62-31 (TV)-US-NP	US	08-Jun-2005	11/147642	11-May-2010	US7715382
	Ansari 3-42-4-25-35 (FA)-US-NP	US	08-Jun-2005	11/147665		
	Lakshman 43-64-36 (TV)-US-NP	US	08-Jun-2005	11/147937		
	Lakshman 35-2-23-62-31 (TV)-JP-NP	JP	01-Nov-2005	2005317885	08-Jul-2011	JP4777043
	Lakshman 43-64-36 (TV)-JP-NP	JP	01-Nov-2005	2005317886		
	Ansari 3-42-4-25-35 (FA)-JP-NP	JP	01-Nov-2005	2005318015	01-Apr-2011	JP4711411
	Lakshman 35-2-23-62-31 (TV)-CN-NP	CN	31-Oct-2005	200510118792.3	13-Apr-2011	ZL10118792.3
	Lakshman 44-65-37 (TV)-CN-NP	CN	31-Oct-2005	200510118795.7		
	Lakshman 43-64-36 (TV)-CN-NP	CN	31-Oct-2005	200510118796.1	24-Aug-2011	ZL10118796.1
	Ansari 4-3-45-5-26-38 (FA)-CN-NP	CN	31-Oct-2005	200510118797.6		
	Ansari 3-42-4-25-35 (FA)-CN-NP	CN	31-Oct-2005	200510118798.0	14-Dec-2011	ZL10118798.0
	Lakshman 44-65-37 (TV)-EP-EPA	EP	25-Oct-2005	05256618.9		
	Lakshman 43-64-36 (TV)-GB-EPA	GB	25-Oct-2005	05256621.3	03-Jun-2009	EP1653687
	Lakshman 43-64-36 (TV)-DE-EPA	DE	25-Oct-2005	05256621.3	03-Jun-2009	EP1653687
	Lakshman 43-64-36 (TV)-FR-EPA	FR	25-Oct-2005	05256621.3	03-Jun-2009	EP1653687
	Ansari 3-42-4-25-35 (FA)-DE-EPA	DE	25-Oct-2005	05256625.4	11-Jul-2007	EP1653689
	Ansari 3-42-4-25-35 (FA)-FR-EPA	FR	25-Oct-2005	05256625.4	11-Jul-2007	EP1653689
	Ansari 3-42-4-25-35 (FA)-GB-EPA	GB	25-Oct-2005	05256625.4	11-Jul-2007	EP1653689
	Lakshman 35-2-23-62-31 (TV)-DE-EPA	DE	25-Oct-2005	05256626.2	23-Jan-2008	EP1653690
	Lakshman 35-2-23-62-31 (TV)-FR-EPA	FR	25-Oct-2005	05256626.2	23-Jan-2008	EP1653690
	Lakshman 35-2-23-62-31 (TV)-GB-EPA	GB	25-Oct-2005	05256626.2	23-Jan-2008	EP1653690
	Ansari 4-3-45-5-26-38 (FA)-EP-EPA	EP	25-Oct-2005	05256627.0		

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