

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3420014

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
ALCATEL-LUCENT USA INC.	06/25/2015

**RECEIVING PARTY DATA**

<b>Name:</b>	ALCATEL LUCENT
<b>Street Address:</b>	148/152 ROUTE DE LA REINE
<b>City:</b>	BOULOGNE-BILLANCOURT
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	92100

**PROPERTY NUMBERS Total: 21**

Property Type	Number
Application Number:	12660900
Application Number:	13634955
Application Number:	12725065
Application Number:	12857208
Application Number:	13967570
Application Number:	13237086
Application Number:	14083739
Application Number:	14474436
Application Number:	11227808
Application Number:	11017997
Application Number:	12023255
Application Number:	12221887
Application Number:	10987944
Application Number:	11735112
Application Number:	11396371
Application Number:	11744531
Application Number:	11863483
Application Number:	11553191
Application Number:	10252287
Application Number:	11647366

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Property Type	Number
Application Number:	12545607

**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.*

**Phone:** 908-582-7109  
**Email:** narpatent@alcatel-lucent.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

<b>ATTORNEY DOCKET NUMBER:</b>	JULY2015_ISSUE FEES
<b>NAME OF SUBMITTER:</b>	GREGORY J. MURGIA
<b>SIGNATURE:</b>	/Gregory J. Murgia/
<b>DATE SIGNED:</b>	06/30/2015

**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 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:

ASSIGNEE:

**ALCATEL-LUCENT USA INC.**

**ALCATEL LUCENT**

By: Steven R. Santema

By: Gregory J. Murgia

Name: Steven R. Santema

Name: Gregory J. Murgia

Title: Senior IP Corporate Counsel & Cluster Lead

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

Date: 6/25/15

Date: 30 June 2015

APPENDIX A

(July 2015 US Grant Fees)

FAMILY REFERENCE	CASE REFERENCE	COUNTRY	FILING DATE	FILING NUMBER	GRANT DATE	GRANT NUMBER
805159	805159-US-NP	US	05-Mar-2010	12/660900		
805692	805692-BR-PCT	BR	17-Mar-2010	112012023171-5		
	805692-RU-PCT	RU	17-Mar-2010	2012144025	10-Aug-2014	RU2524841
	805692-EP-EPT	EP	17-Mar-2010	10847666.4		
	805692-KR-PCT	KR	17-Mar-2010	20127026843	21-Aug-2014	KRI01434946
	805692-IN-PCT	IN	17-Mar-2010	6964/CHENP/2012		
	805692-CN-PCT	CN	17-Mar-2010	201080065289.5		
	805692-US-PCT	US	17-Mar-2010	13/634955		
	805692-JP-PCT	JP	17-Mar-2010	2012557368	18-Apr-2014	JP5523590
807089	807089-US-CNT	US	16-Mar-2010	12/725065		
808142	808142-US-DIV	US	16-Aug-2010	12/857208		
809102	809102-MY-PCT	MY	23-Dec-2011	P12013002142		
	809102-KR-PCD	KR	23-Dec-2011	20157005969		
	809102-SG-PCT	SG	23-Dec-2011	201304988-7		
	809102-KR-PCT	KR	23-Dec-2011	20137016862		
	809102-US-NP	US	24-Jan-2011	13/012730	01-Oct-2013	US8548291
	809102-JP-PCT	JP	23-Dec-2011	2013547585	23-Jan-2015	JP5684926
	809102-US-CNT	US	15-Aug-2013	13/967570		
	809102-CN-PCT	CN	23-Dec-2011	201180061426.2		
	809102-EP-EPT	EP	23-Dec-2011	11853519.4		
810527	810527-US-DIV	US	20-Sep-2011	13/237086		
813351	813351-US-NP	US	19-Nov-2013	14/083739		
807127[1]	807127[1]-US-DIV	US	02-Sep-2014	14/474436		
Aizenberg 13-13-23-36-26 (J)	Aizenberg 13-13-23-36-26 (J)-US-NP	US	15-Sep-2005	11/227808		
Buddhikot 11-1-13 (MM)	Buddhikot 11-1-13 (MM)-US-NP	US	21-Dec-2004	11/017997		
Cai 122-40 (Y)	Cai 122-40 (Y)-US-NP	US	31-Jan-2008	12/023255		
Casati 15-25-17 (A)	Casati 15-25-17 (A)-US-PCT	US	07-Aug-2008	12/221887		
	Casati 15-25-17 (A)-JP-PCT	JP	05-Feb-2007	2008554466		
	Casati 15-25-17 (A)-JP-PCD	JP	05-Feb-2007	2014011316		
	Casati 15-25-17 (A)-FR-EPT	FR	05-Feb-2007	07717553.7	04-Jul-2012	EP1982555
	Casati 15-25-17 (A)-GB-EPT	GB	05-Feb-2007	07717553.7	04-Jul-2012	EP1982555
	Casati 15-25-17 (A)-IT-EPT	IT	05-Feb-2007	07717553.7	04-Jul-2012	EP1982555
	Casati 15-25-17 (A)-ES-EPT	ES	05-Feb-2007	07717553.7	04-Jul-2012	EP1982555
	Casati 15-25-17 (A)-DE-EPT	DE	05-Feb-2007	07717553.7	04-Jul-2012	EP1982555

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**APPENDIX A**

(July 2015 US Grant Fees)

FAMILY REFERENCE	CASE REFERENCE	COUNTRY	FILING DATE	FILING NUMBER	GRANT DATE	GRANT NUMBER
Charriere 28-13-14 (PG)	Charriere 28-13-14 (PG)-IN-NP	IN	11-Nov-2005	1650/CHE/2005	20-Nov-2014	IN263799
	Charriere 28-13-14 (PG)-KR-NP	KR	10-Nov-2005	20050107405	07-Jun-2012	KR101156243
	Charriere 28-13-14 (PG)-US-NP	US	12-Nov-2004	10/987944		
	Charriere 28-13-14 (PG)-JP-NP	JP	11-Nov-2005	2005326809	25-Oct-2013	JP5392969
	Charriere 28-13-14 (PG)-JP-DIV	JP	11-Nov-2005	2013171000		
	Charriere 28-13-14 (PG)-CN-NP	CN	11-Nov-2005	200510119420.2	09-Feb-2011	ZI200510119420.2
	Charriere 28-13-14 (PG)-GB-EPA	GB	25-Oct-2005	05256616.3	10-Oct-2007	EP1657948
	Charriere 28-13-14 (PG)-DE-EPA	DE	25-Oct-2005	05256616.3	10-Oct-2007	EP1657948
	Charriere 28-13-14 (PG)-FR-EPA	FR	25-Oct-2005	05256616.3	10-Oct-2007	EP1657948
Doerr 128-30 (CR)	Doerr 128-30 (CR)-US-NP	US	13-Apr-2007	11/735112	21-Sep-2010	US7801156
Guo 17-84-67 (KH)	Guo 17-84-67 (KH)-US-NP	US	31-Mar-2006	11/396371	26-Jan-2010	US7653055
Guo 23-89-72 (KH)	Guo 23-89-72 (KH)-US-NP	US	04-May-2007	11/744531		
Jugl 7-23-38 (E)	Jugl 7-23-38 (E)-US-NP	US	28-Sep-2007	11/863483		
Marzetta 15 (TL)	Marzetta 15 (TL)-IN-PCT	IN	19-Oct-2007	2137/CHENP/2009		
	Marzetta 15 (TL)-KR-PCT	KR	19-Oct-2007	20097008426	25-Nov-2011	KR101088643
	Marzetta 15 (TL)-CN-PCT	CN	19-Oct-2007	200780039144.6		
	Marzetta 15 (TL)-US-NP	US	26-Oct-2006	11/553191		
	Marzetta 15 (TL)-JP-PCT	JP	19-Oct-2007	2009534608	16-Aug-2013	JP5340159
	Marzetta 15 (TL)-JP-PCD	JP	19-Oct-2007	2012227815	19-Dec-2014	JP5667144
	Marzetta 15 (TL)-GB-EPT	GB	19-Oct-2007	07839728.8	15-Apr-2015	EP2078348
	Marzetta 15 (TL)-DE-EPT	DE	19-Oct-2007	07839728.8	15-Apr-2015	EP2078348
	Marzetta 15 (TL)-FR-EPT	FR	19-Oct-2007	07839728.8	15-Apr-2015	EP2078348
	Marzetta 15 (TL)-EP-EPT	EP	19-Oct-2007	07839728.8	15-Apr-2015	EP2078348
Mills 18-15 (AP)	Mills 18-15 (AP)-US-NP	US	23-Sep-2002	10/252287	05-Apr-2011	US7919600
Perinkulam 5-9 (S)	Perinkulam 5-9 (S)-US-NP	US	29-Dec-2006	11/647366		
Pugeat 1-38-137 (I)	Pugeat 1-38-137 (I)-US-NP	US	21-Aug-2009	12/545607		

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