PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Alcatel-Lucent USA Inc.	09/20/2011

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:	13271781

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER:	CASATI 13-22-14-US-CNT	
NAME OF SUBMITTER:	Gregory J. Murgia	

Total Attachments: 3

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PATENT REEL: 029648 FRAME: 0522 CH \$40.00 132/1

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;

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- (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 in duplicate originals by its duly authorized representatives on the respective dates entered below.

ASSIGNOR:	ASSIGNEE:
Alcatel-Lucent USA Inc.	Alcatel Lucent
By: John Maluk Name: John F. McCabe	By:
Title: Senior IP Counsel & Cluster Lead Date: Sept. 20, 201)	Title: Senior Director, Americas Patent Creation & Senior IP Corporate Counsel Date:

<u>APPENDIX A</u>

Our Case Ref	US Serial No.
Aksyuk 44-9-21-14 (VA)-US-NP	11/519623
Ansari 2-2-41-3-24-34 (FA)-US-NP	11/147472
Ashikhmin 13-19-16 (A)-US-NP	12/141305
Aydin 1-1-1-1-1-41 (O)-US-NP	12/221904
Azada 4-171 (MR)-US-NP	11/541266
Baldwin 6-23-1 (KW)-US-CNT	13/020446
Batni 15-13 (RP)-US-NP	11/171077
Batni 7-12-14-5-4 (RP)-US-NP	11/026509
Benco 205-2 (DS)-US-NP	12/387297
Bhandari 8-18-6 (R)-US-CNT	12/277956
Bhatia 12-14-26 (RS)-US-NP	11/693262
Bosch 15-50 (P)-US-NP	11/474197
Brueck 9-39-33-19 (S)-US-NP	11/645602
Burgess 16-32 (JK)-US-NP	11/976802
Cai 101 (Y)-US-NP	11/644764
Calin 9-5-3-8-1 (D)-US-NP	11/556495
Casati 13-22-14 (A)-US-NP	11/390995
Chen 52-24-12-7 (Y)-US-NP	11/957725
Cheng 15-14 (F)-US-NP	11/194063
Chiu 6-3 (T)-US-NP	11/706483
Chowdhury 26-14-30 (A)-US-DIV	12/315202
Copeland 1 (AT)-US-NP	11/769202
Cyr 6-1-1 (BL)-US-NP	10/097754
Hacena 4 (F)-US-NP	12/021163
Hao 17-59-60 (F)-US-NP	12/543529
Heer 15-1-2-1 (AJ)-US-NP	11/263561
Kolodner 31-56-15-43 (PR)-US-NP	12/433131
Mitra 28-14-16-31 (D)-US-NP	12/178104
Mukherjee 13-37-63 (S)-US-NP	11/027908
Ozugur 1-23-28 (T)-US-CNT	10/115519
Weaver 48 (CF)-US-NP	12/149602