

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3002141

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

**CONVEYING PARTY DATA**

Name	Execution Date
CREDIT SUISSE AG	08/19/2014

**RECEIVING PARTY DATA**

<b>Name:</b>	ALCATEL LUCENT
<b>Street Address:</b>	600 MOUNTAIN AVENUE
<b>City:</b>	MURRAY HILL
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07947

**PROPERTY NUMBERS Total: 62**

Property Type	Number
Patent Number:	7346826
Patent Number:	7840867
Patent Number:	8300649
Application Number:	13604099
Application Number:	13754258
Application Number:	13816616
Application Number:	13766998
Application Number:	13703015
Application Number:	13792405
Application Number:	13824736
Application Number:	13819509
Application Number:	13813826
Application Number:	13819004
Application Number:	13814414
Application Number:	13825718
Application Number:	13820371
Application Number:	13819363
Application Number:	13820798
Application Number:	13822316
Application Number:	13819582
Application Number:	13819819

PATENT

<b>Property Type</b>	<b>Number</b>
Application Number:	13821068
Application Number:	13822382
Application Number:	13824726
Application Number:	13816856
Application Number:	13812936
Application Number:	13825480
Application Number:	13876096
Application Number:	13816396
Application Number:	13814811
Application Number:	13876065
Application Number:	13819027
Application Number:	13812340
Application Number:	13814828
Application Number:	13817037
Application Number:	13825498
Application Number:	13880588
Application Number:	13817221
Application Number:	13817077
Application Number:	13822456
Application Number:	13822345
Application Number:	13825604
Application Number:	13876284
Application Number:	13878360
Application Number:	13880667
Application Number:	13876316
Application Number:	13880652
Application Number:	13876116
Application Number:	13879738
Application Number:	13878781
Application Number:	13877625
Application Number:	13877637
Application Number:	13878340
Application Number:	13879840
Application Number:	13880617
Application Number:	13817201
Application Number:	13827099
Application Number:	13803910
Application Number:	13826322
Application Number:	13852259

**PATENT**

Property Type	Number
Application Number:	13791476
Application Number:	13793174

**CORRESPONDENCE DATA**

**Fax Number:** (212)446-4900

*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:** 2124464800

**Email:** hayley.smith@kirkland.com

**Correspondent Name:** EDWARD SADTLER

**Address Line 1:** KIRKLAND & ELLIS LLP

**Address Line 2:** 601 LEXINGTON AVENUE

**Address Line 4:** NEW YORK, NEW YORK 10022

**ATTORNEY DOCKET NUMBER:** 36261-60

**NAME OF SUBMITTER:** HAYLEY SMITH

**SIGNATURE:** //Hayley Smith//

**DATE SIGNED:** 08/28/2014

**Total Attachments: 11**

- source=US Patent Release - ALU 030322-0222#page1.tif
- source=US Patent Release - ALU 030322-0222#page2.tif
- source=US Patent Release - ALU 030322-0222#page3.tif
- source=US Patent Release - ALU 030322-0222#page4.tif
- source=US Patent Release - ALU 030322-0222#page5.tif
- source=US Patent Release - ALU 030322-0222#page6.tif
- source=US Patent Release - ALU 030322-0222#page7.tif
- source=US Patent Release - ALU 030322-0222#page8.tif
- source=US Patent Release - ALU 030322-0222#page9.tif
- source=US Patent Release - ALU 030322-0222#page10.tif
- source=US Patent Release - ALU 030322-0222#page11.tif

RELEASE OF SECURITY INTEREST IN PATENTS

This Release of Security Interest in U.S. Patent (this "Release") is made as of August 19, 2014 ("Effective Date") by Credit Suisse AG, as collateral agent for the Secured Parties (in such capacity, including any successor thereto in such capacity, the "Collateral Agent"), in favor of Alcatel Lucent ("Grantor"). Capitalized terms used but not defined herein shall have the respective meanings given thereto in the Security Agreement (as defined below).

WHEREAS, Grantor entered into a Pledge and Security Agreement dated as of January 30, 2013 (as it may be amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement"), among Grantor and each of the other grantors from time to time party thereto and the Collateral Agent;

WHEREAS, Grantor executed and delivered to the Collateral Agent that certain U.S. Patent Security Agreement, dated as of April 22, 2013 (the "U.S. Patent Security Agreement"), for recordation with the United States Patent and Trademark Office ("USPTO");

WHEREAS, pursuant to the terms and conditions of the Security Agreement and the U.S. Patent Security Agreement, Grantor has granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in and continuing lien on all of such Grantor's right, title and interest in, to and under all United States patents and certificates of invention, and applications for any of the foregoing, including, without limitation: (a) each patent and patent application listed on Schedule A attached hereto, (b) all reissues, divisionals, continuations, continuations-in-part, extensions, renewals, and reexaminations thereof, (c) the right to sue or otherwise recover for any past, present and future infringement or other violation thereof, (d) all Proceeds of the foregoing, including, without limitation, license fees, royalties, income, payments, claims, damages, and proceeds of suit now or hereafter due and/or payable with respect thereto, and (e) all other rights corresponding thereto under applicable law (collectively, the "Patent Collateral");

WHEREAS, the U.S. Patent Security Agreement was recorded in the USPTO on April 30, 2013 at reel/frame number 030322/0222;

WHEREAS, Grantor has (a) satisfied the terms of the Security Agreement and (b) requested that the Collateral Agent execute and deliver this Release pursuant to Section 9.08 of the Credit Agreement.

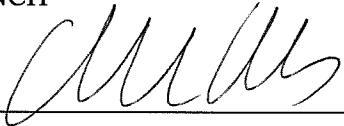
NOW, THEREFORE, in consideration of the foregoing, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent hereby irrevocably releases, relinquishes and discharges, with respect to Grantor, all of its continuing security interest in all Grantor's right, title or interest in, to and under the Patent Collateral, and re-assigns to Grantor any and all right, title or interest it may have in such Patent Collateral, all without recourse, warranty or representation of any kind.

The Collateral Agent hereby authorizes Grantor, Grantor's authorized representatives or a subsequent owner of any of the United States patents or patent applications listed on Schedule A to: (a) record this Release with the USPTO and/or any other applicable governmental office or agency, and (b) file, at the Grantor's sole cost and expense, UCC financing statement amendments in form and substance reasonably satisfactory to the Collateral Agent with the applicable filing offices in order to memorialize the release of the security interest of the Collateral Agent in the Patent Collateral.

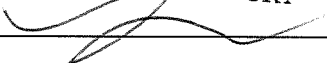
*[Remainder of page intentionally left blank]*

IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date.

CREDIT SUISSE AG, CAYMAN ISLANDS  
BRANCH

By:  \_\_\_\_\_

Name: \_\_\_\_\_  
Title: ROBERT HETU  
AUTHORIZED SIGNATORY

By:  \_\_\_\_\_

Name: \_\_\_\_\_  
Title: **Lingzi Huang**  
**Authorized Signatory**

SCHEDULE A

Applicant Country	Status	Filing Number	Publication Number	Grant Number	Title	Filing Date	Beneficial Owner
US	Granted	11/012302	US7346826B2	US7346826B2	Erasure FEC decoder and method	12/16/2004	Alcatel Lucent
US	Granted	10/992650	US7840867B2	US7840867B2	iterative n-dimensional decoding	11/22/2004	Alcatel Lucent
US	Granted	12/302282	US8300649	US8300649	MOBILITY MANAGEMENT METHOD FOR MOBILE TERMINALS IN A CELLULAR WIRELESS COMMUNICATION SYSTEM, AND EQUIPMENT FOR IMPLEMENTING THE METHOD	5/22/2007	Alcatel Lucent
US	Pending	13/647675	20130028173		Core Network Interface For Packet Domain For Uma Line Applications	10/09/2012	Alcatel Lucent
US	Pending	13/604099			Sharing Enabler For Augmented Reality	09/05/2012	Alcatel Lucent
US	Pending	13/754258			System And Method Of Serving Gateway Having Mobile Packet Protocol Application-Aware Packet Management	01/30/2013	Alcatel Lucent

NY15747647.3

Inventor (s)	Status	Filing Number	Examination Number	Grant Number	Title	Filing Date	Beneficial Owner
US	Pending	13/816616			Optoelectronic Device For Differential Photoreception, With Automatic Compensation Of Phase And Amplitude Imbalances	07/12/2011	Alcatel Lucent
US	Pending	13/766998			Localization Of Peer To Peer Traffic	02/14/2013	Alcatel Lucent
US	Pending	13/703015			Method And System For Authorizing Sessions Using Subscriber Database	02/06/2013	Alcatel Lucent
US	Pending	13/792405			Policy And Charging Rules Node Expired Message Handling	03/11/2013	Alcatel Lucent
US	Pending	13/824736			Photonic Integrated Circuit For Wavelength Division Multiplexing	09/23/2011	Alcatel Lucent
US	Pending	13/819509			Method for Feature Activation of Machine Type Communication and MTC Device thereof	08/24/2011	Alcatel Lucent
US	Pending	13/813826			Establishing The Packet Flow Possessing A Symmetrical Quality Of Service By Negotiating The Quality Indicator	07/05/2011	Alcatel Lucent
US	Pending	13/819004			Determination Of A Maximum Transmission Distance For Heterogeneous Types Of Optical Fibre	09/29/2011	Alcatel Lucent

NY03476473

Jurisdiction	Status	Filing Number	Publication Number	Grant Number	Title	Filing Date	Beneficial Owner
US	Pending	13/14414			Method And Apparatus For Restoring A Connection Through A Provider Network Upon Request	08/03/2011	Alcatel Lucent
US	Pending	PCT/EP2011/062648 13/825718			Machine Type Communications In A Radio Network	07/22/2011	Alcatel Lucent
US	Pending	13/820571			A Femtocell Base Station, And A Method Of Selecting Carrier Frequency Band Of A Femtocell Base Station	08/11/2011	Alcatel Lucent
US	Pending	13/819363			Method For Correcting A Delay Asymmetry	09/15/2011	Alcatel Lucent
US	Pending	13/820798			METHOD AND APPARATUS FOR SCHEDULING COMMUNICATION TRAFFIC IN ATCA-BASED EQUIPMENT	08/24/2011	Alcatel Lucent
US	Pending	13/822316			Method And Arrangement For Identifying Virtual Images	10/03/2011	Alcatel Lucent
US	Pending	13/819582			3D Content Censorship	09/28/2011	Alcatel Lucent
US	Pending	13/819819			A Method to Receive Notification of Call Forwarding Subscription attempt of the Forwarded-To Number	07/05/2011	Alcatel Lucent

NY37476473



Jurisdiction	Status	Filing Number	Publication Number	Grant Number	Title	Filing Date	Beneficial Owner
US	Pending	13/821068			Operating Management Of A Call Center	09/06/2011	Alcatel Lucent
US	Pending	13822382			Method for inter-cell interference coordination in a cellular communication network, network element of a cellular communication network, and cellular communication network	08/15/2011	ALCATEL LUCENT
US	Pending	13/824726			A Monolithic Integrated Structure Combining A Buried Heterostructure Semiconductor Optical Amplifier And A Photodetector	09/27/2011	ALCATEL LUCENT
US	Pending	13/816,856			Coupling Arrangement for Phantom-Mode Transmission	08/16/2011	Alcatel Lucent
US	Pending	13/812936			Method Of Enabling A Packet Loss Measurement In A Packet Transport Network	08/01/2011	ALCATEL LUCENT
US	Pending	PCT/EP2011-003905 13-825480			A Macrocell Base Station, A Telecommunications Network, And A Femtocell Base Station, And A Method Of Switching A Femtocell Base Station Between A Dormant Mode And An Active Mode	08/04/2011	Alcatel Lucent

NY8574763.3

Jurisdiction	Status	Filing Number	Publication Number	Grant Number	Title	Filing Date	Beneficial Owner
US	Pending	13/876096			BASE STATION, USER EQUIPMENT AND METHOD OF REDUCING ENERGY CONSUMPTION IN A BASE STATION	09/07/2011	ALCATEL LUCENT
US	Pending	13/816396			METHOD AND APPARATUS FOR DECREASING MULTI-CELL FEEDBACK OVERHEAD	07/27/2011	ALCATEL LUCENT
US	Pending	13/814811			METHOD OF TRANSMITTING FEEDBACK INFORMATION IN A MIMO COMMUNICATION SYSTEM AND DEVICE THEREOF	07/27/2011	ALCATEL LUCENT
US	Pending	13/876065			Virtual Telco (cellular): A method to Virtualize Base Stations with Backwards Compatibility for Existing Standards	09/21/2011	Alcatel Lucent
US	Pending	13/819037			Enhanced TDM Agnostic Matrix	09/28/2011	ALCATEL LUCENT
US	Pending	13/812340			Processing Method, Proxy Processing Agent, System and Method for Filling a Routing Table of a DHT Client Node, Router and DHT Client Node	08/16/2011	ALCATEL LUCENT

NY0374647.3

Jurisdiction	Status	Filing Number	Publication Number	Grant Number	Title	Filing Date	Beneficial Owner
US	Pending	13/814828			Transmission Power Control In A Multi-Carrier Wireless Communication System	08/02/2011	ALCATEL LUCENT
US	Pending	13/817037			METHODS OF SCHEDULING A CARRIER COMPONENT	08/09/2011	ALCATEL LUCENT
US	Pending	13/825498			A Method for Inter-working Between NMIP Capable and Incapable Hosts	09/21/2011	ALCATEL LUCENT
US	Pending	PCT/EP2011/070511 13/880588			Base Station And Method Of Operating A Base Station	11/21/2011	Alcatel Lucent
US	Pending	13/817221			METHODS AND APPARATUSES FOR PROCESSING SCHEDULING OF APERIODIC INFORMATION TRANSMISSION	03/18/2011	Alcatel Lucent
US	Pending	13/817077			Method and Apparatus for Non-adaptive Retransmission	07/29/2011	Alcatel Lucent
US	Pending	13/822456			A Method For Determining Precoding Matrix And Corresponding Communication Methods And Devices	08/24/2011	ALCATEL LUCENT
US	Pending	13/823345			Methods And Systems For Service Delivery	09/09/2011	ALCATEL LUCENT

KY03747647.3

Inventor	Status	Filing Number	Publication Number	Grant Number	Title	Filing Date	Beneficial Owner
US	Pending	13/825604			Method For Synchronizing Master And Slave Clocks of A Packet-Switched Network With Aggregated Connections Between Nodes, And Associated Synchronization Devices	10/27/2011	Alcatel Lucent
US	Pending	13/876284			METHOD, NETWORK DEVICE AND TERMINAL DEVICE FOR FACINO TERMINAL DEVICES	09/14/2011	ALCATEL LUCENT
US	Pending	PCT/EP2011/004513			Transmission Control	09/08/2011	ALCATEL LUCENT
US	Pending	13/878560 PCT/EP2011/068300 13/880667			Connector With Enclosure For Electrical Contacting Means Of The Connector	10/20/2011	ALCATEL LUCENT
US	Pending	13/876316			Method and Apparatus for Processing Hybrid Automatic Repeat Request Process	09/14/2011	Alcatel Lucent
US	Pending	PCT/EP2011/069716 13/880652			Mobile Network, Corresponding Access Node, Processing Unit And Method For Operating The Mobile Network	11/09/2011	Alcatel Lucent
US	Pending	13/876116			deactivation of LIPA connection	09/28/2011	Alcatel Lucent
US	Pending	PCT/EP2011/065511 13/879738			Method Of Operating A Base Station Of A Cellular Communications Network	09/08/2011	Alcatel Lucent

NY5747647.3

Jurisdiction	Status	Filing Number	Publication Number	Grant Number	Title	Filing Date	Beneficial Owner
US	Pending	PCT/EP2011/067687			Support Of In-Sequence Delivery During Handover In Transmission Involving Relay Node	10/11/2011	Alcatel Lucent
US	Pending	13/878781 PCT/IB2011/002827			Method And Apparatus For Improving Accuracy Of Transmitting CSI Via PUCCH	10/06/2011	ALCATEL LUCENT
US	Pending	13/877625 PCT/IB2011/002828			Method And Apparatus For Sub-Sampling Of A Codebook In LTE-A System	10/06/2011	ALCATEL LUCENT
US	Pending	13/877637 PCT/EP2011/064355			Optimizing Power Consumption Of A Base Station	08/22/2011	ALCATEL LUCENT
US	Pending	13/878340 PCT/EP2011/067983			Assembly Comprising At Least One Optical Fibre And A Mounting Device	10/14/2011	Alcatel Lucent
US	Pending	13/879840 PCT/EP2011/067988 13/880617			Method For Deciding On A Potential Load Balancing Operation In A Wireless Network And Network Element For A Wireless Network	10/14/2011	ALCATEL LUCENT
US	Pending	13/817201			Detection of loss or malfunctions in electrical distribution networks	08/02/2011	Alcatel Lucent
US	Pending	13/827099			Wire-Speed Pending Interest Table	03/14/2013	Alcatel Lucent

8105747647.3

Jurisdiction	Status	Filing Number	Publication Number	Grant Number	Title	Filing Date	Beneficial Owner
US	Pending	13/803910			Apparatus And Method For Networking CPaaS Components For Application On-Boarding	03/14/2013	Alcatel Lucent
US	Pending	13/826322			Systems And Methods For Deploying An Application And An Agent On A Customer Server In A Selected Network	03/14/2013	Alcatel Lucent
US	Pending	13/832259			Method For Image Management In A Distributed Cloud	03/28/2013	Alcatel Lucent
US	Pending	13/791476			Direct SMS Message Delivery Over Broadband Data Networks Through An SMS-C	03/08/2013	Alcatel Lucent
US	Pending	13/793174			Mobility In IP Without Mobile IP	03/11/2013	Alcatel Lucent

RECORDED: 04/30/2013  
RECORDED: 08/28/2014

PATENT  
REEL: 030322 FRAME: 0238  
PATENT  
REEL: 033654 FRAME: 0981

NY0347643