

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3904354

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YIGANG CAI	05/09/2016
SUZANN HUA	04/30/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ALCATEL-LUCENT USA INC
<b>Street Address:</b>	600-700 MOUNTAIN AVENUE
<b>City:</b>	MURRAY HILL
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07974-0636
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15139234
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)786-7691
<i>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.</i>	
<b>Email:</b>	ipsnarocp@nokia.com, mail@dbflaw.com
<b>Correspondent Name:</b>	DUFT BORNSSEN & FETTIG LLP
<b>Address Line 1:</b>	1526 SPRUCE ST, #302
<b>Address Line 4:</b>	BOULDER, COLORADO 80302
<b>ATTORNEY DOCKET NUMBER:</b>	818080-US-NP
<b>NAME OF SUBMITTER:</b>	BRETT BORNSSEN
<b>SIGNATURE:</b>	/BRETT BORNSSEN/
<b>DATE SIGNED:</b>	06/06/2016
<b>Total Attachments: 4</b>	
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source=ALU-0286-ASSIGNMENT#page4.tif	

For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventors

**ASSIGNMENT OF INVENTION**

For good and valuable consideration, the receipt of which is hereby acknowledged,

**ASSIGNORS:**

Yigang Cai  
23643 Royal Worlington Dr  
Naperville, IL 60564  
Nationality: China

Suzann Hua  
124 Roble Rd, #202  
Walnut Creek, CA 94597  
Nationality: United States

hereby sell, assign and transfer to

**ASSIGNEE:**

Alcatel-Lucent USA Inc.  
600-700 Mountain Avenue  
Murray Hill, New Jersey 07974-0636, USA  
State or Country of Formation: Delaware

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

**POLICY CONTROL FOR TRANSMISSIONS ON THE UNLICENSED SPECTRUM**

and which is found in (37 C.F.R. Section 3.21) U.S. patent application executed on the date herewith and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 5/9/2016

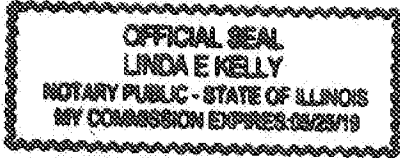
[Signature]  
Yigang Cai

United States of America )

State of Illinois ) ss.:

County of DuPage )

On this 9<sup>th</sup> day of May, 2016, before me personally came Yigang Cai, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



[Signature]  
Notary Public

Date: \_\_\_\_\_

\_\_\_\_\_  
Suzann Hua

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2016, before me personally came Suzann Hua, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventors

**ASSIGNMENT OF INVENTION**

For good and valuable consideration, the receipt of which is hereby acknowledged,

**ASSIGNORS:**

Yigang Cai  
23643 Royal Worlington Dr  
Naperville, IL 60564  
Nationality: China

Suzann Hua  
124 Roble Rd, #202  
Walnut Creek, CA 94597  
Nationality: United States

hereby sell, assign and transfer to

**ASSIGNEE:**

Alcatel-Lucent USA Inc.  
600-700 Mountain Avenue  
Murray Hill, New Jersey 07974-0636, USA  
State or Country of Formation: Delaware

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

**POLICY CONTROL FOR TRANSMISSIONS ON THE UNLICENSED SPECTRUM**

and which is found in (37 C.F.R. Section 3.21) U.S. patent application executed on the date herewith and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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Date: \_\_\_\_\_

\_\_\_\_\_  
Yigang Cai

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2016, before me personally came Yigang Cai, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Date: 4/30/2016

\_\_\_\_\_  
Suzann Hua

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2016, before me personally came Suzann Hua, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public