505530900 06/18/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHONGGANG WANG	04/02/2019
GREGORY S. STERNBERG	03/27/2019
SHAMIM AKBAR RAHMAN	06/04/2019
XU LI	04/03/2019
QUANG LY	04/02/2019
CATALINA MIHAELA MLADIN	04/02/2019

RECEIVING PARTY DATA

Name:	CONVIDA WIRELESS, LLC
Street Address:	200 BELLEVUE PARKWAY
Internal Address:	SUITE 300
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809-3727

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16317220

CORRESPONDENCE DATA

Fax Number: (215)568-3439

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: CNV13038US02/101859001244

NAME OF SUBMITTER: LILLIAN I. SCHULTZ

SIGNATURE: /Lillian I. Schultz/

DATE SIGNED: 06/18/2019

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Total Attachments: 8 source=CNV13038US02ExecutedAssignment#page1.tif source=CNV13038US02ExecutedAssignment#page2.tif source=CNV13038US02ExecutedAssignment#page3.tif source=CNV13038US02ExecutedAssignment#page4.tif source=CNV13038US02ExecutedAssignment#page5.tif source=CNV13038US02ExecutedAssignment#page6.tif source=CNV13038US02ExecutedAssignment#page7.tif

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PATENT REEL: 049504 FRAME: 0411

ASSIGNMENT

WHEREAS;

- 1. Chonggang Wang Princeton, NJ United States of America
- 2. Gregory S. Sternberg
 Mt. Laurel, NJ
 United States of America
- 3. Shamim Akbar Rahman Cote St. Luc, Quebec Canada

- 4. Xu Li Plainsboro, NJ United States of America
- 5. Quang Ly
 North Wales, PA
 United States of America
- 6. Catalina Mihaela Mladin Hatboro, PA United States of America

hereinafter referred to as the ASSIGNORS, are joint inventors of certain inventions or improvements set forth in United States Patent Application No. 16/317,220, filed January 11, 2019, entitled "Subscription and Notification Service" and

WHEREAS, Convida Wireless, LLC, hereinafter referred to as the ASSIGNEE, of 200 Bellevue Parkway, Suite 300, Wilmington, Delaware 19809-3727, a corporation of Delaware, is desirous of acquiring the entire right, title and interest in and to said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said ASSIGNEE, our entire right, title and interest in and to said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, including our full right to sue for and collect damages for past violations of provisional rights having arisen from any publication of said application or any continuations, divisions, or renewals of or substitutes for said application (hereinafter collectively "PATENT RIGHTS"). We further assign to and authorize said

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ASSIGNEE, to file in our names applications for PATENT RIGHTS in all countries, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said PATENT RIGHTS respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said PATENT RIGHTS to said ASSIGNEE, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said ASSIGNEE or to its nominee all known facts respecting said PATENT RIGHTS, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper protection for said PATENT RIGHTS in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said ASSIGNEE, as ASSIGNEE of the entire right, title and interest in said PATENT RIGHTS, any and all Letters Patent for said PATENT RIGHTS, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Chonggang Wang

1001 E. Hector Street, Sulte 300
Conshohocken, PA 19428 USA

(City and State or Country)

STATEMENT OF WITNESS: I,

Name of Witness

1001 E. Hector Street, Sulte 300
Conshohocken, PA 19428 USA

Address of Witness

was personally present and did see Chonggang Wang execute this assignment on the Address of Witness

was personally present and did see Chonggang Wang execute this assignment on the Address of Witness

Signature of Witness

SIGNED at

| MANT LAWFEL NJ (City and State or Country)

STATEMENT OF WITNESS: I, LILLIAN LEUNG
| Name of Witness |
| What LAWFEL NJ (City and State or Country)

STATEMENT OF WITNESS: I, LILLIAN LEUNG |
| Name of Witness |
| Address of Witness |
| Was personally present and did see Gregory S. Sternberg execute this assignment on the 27th day of MACCH , 2015 , and such assignor is personally known to me to be the person described herein.

SIGNED at

Shamim Akbar Rahman

SIGNED at

(City and State or Country)

STATEMENT OF WITNESS: I,

10 Name of Witness: West, 10th Floor

Whose full address is:

Address of Witness

was personally present and did see Shamim Akbar Rahman execute this assignment on the day of 1, 20 1, and such assignor is personally known to me to be the person described herein.

Date

Xu Li

SIGNED at

1001 E. Hector Street, Suite 300
Conshohocken, PA 19428 USA

(City and State or Country)

STATEMENT OF WITNESS: I,

Name of Witness
1001 E. Hector Street, Suite 300
Conshohocken, PA 19428 USA
Address of Witness

was personally present and did see Xu Li execute this assignment on the 3 day of described herein.

Ami & Heath

4/2/2019	Citalia lleansta
Date	Catalina Mihaela Mladin
SIGNED at	1001 E. Hector Street, Suite 300 Conshohocken, PA 19428 USA
_	(City and State or Country)
STATEMENT OF WI	· · · · · · · · · · · · · · · · · · ·
whose full address is:	Name of Witness 1001 E. Hector Street, Suite 300 Conshohocken, PA 19428 USA
	Address of Witness
	and did see <u>Catalina Mihaela Mladin</u> execute this assignment on the <u>1</u> , 20 <u>19</u> , and such assignor is personally known to me to be erein.
	Signature of Witness