

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4264970

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
QING LI	01/04/2017
CATALINA M. MLADIN	01/04/2017
HONGKUN LI	01/04/2017
XU LI	01/04/2017
CHONGGANG WANG	01/04/2017
ROCCO DIGIROLAMO	01/20/2017
WILLIAM ROBERT FLYNN IV	01/04/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CONVIDA WIRELESS, LLC
<b>Street Address:</b>	200 BELLEVUE PARKWAY
<b>Internal Address:</b>	SUITE 300
<b>City:</b>	WILMINGTON
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19809
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15337940
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)568-3439
<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>Phone:</b>	255683100
<b>Email:</b>	assignments@bakerlaw.com
<b>Correspondent Name:</b>	BAKER & HOSTETLER LLP
<b>Address Line 1:</b>	2929 ARCH STREET
<b>Address Line 2:</b>	CIRA CENTER, 12TH FLOOR
<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19104
<b>ATTORNEY DOCKET NUMBER:</b>	101859000583/CNV12799US02
<b>NAME OF SUBMITTER:</b>	MARYANN DEVINE
<b>SIGNATURE:</b>	/MARYANN DEVINE/

PATENT

<b>DATE SIGNED:</b>	02/08/2017
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**Total Attachments: 9**

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**DOCKET NO.: 101859.000583/CNV12799US02**

**PATENT**

**ASSIGNMENT**

WHEREAS;

- |   |  |
|---|--|
| <b>1. Qing Li<br/>25 Hawthorne Drive<br/>Princeton Junction, NJ 08550</b> | <b>5. Chonggang Wang<br/>9 Carlyle Court<br/>Princeton, NJ 08540</b>                   |
| <b>2. Catalina M. Mladin<br/>137 Loller Road<br/>Hatboro, PA 19040</b>    | <b>6. Rocco DiGirolamo<br/>632 DeFribourg St.<br/>Laval, Quebec<br/>CANADA H7K 3Y3</b> |
| <b>3. Hongkun Li<br/>107 Forge Court<br/>Malvern, PA 19355</b>            | <b>7. William Robert Flynn IV<br/>451 Mayberry Road<br/>Schwenksville, PA 19473</b>    |
| <b>4. Xu Li<br/>28 Ashford Drive<br/>Plainsboro, NJ 08536</b>             |  |

hereinafter referred to as the ASSIGNORS, are joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Application No. **15/337,940**, filed **October 28, 2016**, entitled **RESTFUL OPERATIONS FOR SEMANTIC IOT** 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 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.


DOCKET NO.: 101859.000583/CNV12799US02

04-JAN-2017   
Date Qing Li

SIGNED at 1001 E. Hector Street, Suite 300  
Conshohocken, PA 19428 USA  
(City and State or Country)

STATEMENT OF WITNESS: I, WILMA MACRAE  
Name of Witness  
whose full address is: 1001 E. Hector Street, Suite 300  
Conshohocken, PA 19428 USA  
Address of Witness

was personally present and did see Qing Li execute this assignment on the 4th day of January, 2016, and such assignor is personally known to me to be the person described herein. 2017

  
Signature of Witness

DOCKET NO.: 101859.000583/CNV12799US02

04-JAN-2017 Catalina Mladin  
Date Catalina M. Mladin

SIGNED at 1001 E. Hector Street, Suite 300  
Conshohocken, PA 19428 USA  
(City and State or Country)

STATEMENT OF WITNESS: I, WILMA MARIE  
Name of Witness  
whose full address is: 1001 E. Hector Street, Suite 300  
Conshohocken, PA 19428 USA  
Address of Witness

was personally present and did see Catalina M. Mladin execute this assignment on the 4th  
day of January, ~~2016~~, and such assignor is personally known to me to be the person  
described herein. 2017

Wilma Marie  
Signature of Witness

DOCKET NO.: 101859.000583/CNV12799US02

04-JAN-2017 Hongkun Li  
Date Hongkun Li

SIGNED at 1001 E. Hector Street, Suite 300  
Conshohocken, PA 19428 USA  
(City and State or Country)

STATEMENT OF WITNESS: I, WILMA MACRAE  
Name of Witness

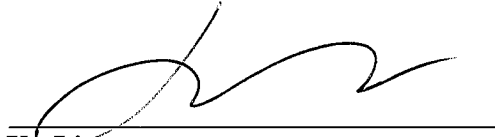
whose full address is: 1001 E. Hector Street, Suite 300  
Conshohocken, PA 19428 USA  
Address of Witness

was personally present and did see Hongkun Li execute this assignment on the 4th day of  
January, ~~2016~~ 2017, and such assignor is personally known to me to be the person  
described herein.

Wilma Macrae  
Signature of Witness

DOCKET NO.: 101859.000583/CNV12799US02

04 - JAN - 2017  
Date

  
\_\_\_\_\_  
Xu Li

SIGNED at

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

\_\_\_\_\_  
(City and State or Country)

STATEMENT OF WITNESS: I,

WILMA MACRAE

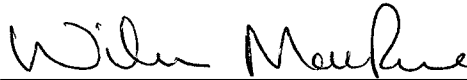
\_\_\_\_\_  
Name of Witness

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

whose full address is:

\_\_\_\_\_  
Address of Witness

was personally present and did see Xu Li execute this assignment on the 4<sup>th</sup> day of January, ~~2016~~, and such assignor is personally known to me to be the person described herein. 2017

  
\_\_\_\_\_

Signature of Witness




DOCKET NO.: 101859.000583/CNV12799US02

04-JAN-2017  
Date   
Chonggang Wang

SIGNED at 1001 E. Hector Street, Suite 300  
Conshohocken, PA 19428 USA  
(City and State or Country)

STATEMENT OF WITNESS: I, Wilma MacRae  
Name of Witness  
whose full address is: 1001 E. Hector Street, Suite 300  
Conshohocken, PA 19428 USA  
Address of Witness

was personally present and did see **Chonggang Wang** execute this assignment on the 4<sup>th</sup> day  
of January, 2016, and such assignor is personally known to me to be the person  
described herein. 2017

  
Signature of Witness

DOCKET NO.: 101859.000583/CNV12799US02

January 20, 2017 Rocco DiGirolamo  
Date **Rocco DiGirolamo**

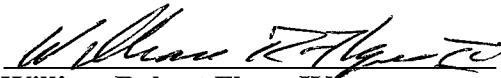
SIGNED at Montreal, QC Canada  
(City and State or Country)

STATEMENT OF WITNESS: I, Bonina Lazzara  
Name of Witness  
whose full address is: 1000 Sherbrooke St. West, 10th Floor  
MTL, QC Canada H3A 3G4  
Address of Witness

was personally present and did see **Rocco DiGirolamo** execute this assignment on the 20 day of January, 2017 and such assignor is personally known to me to be the person described herein.

Bonina Lazzara  
Signature of Witness

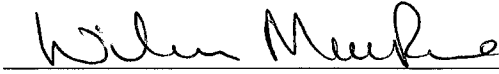
DOCKET NO.: 101859.000583/CNV12799US02

04-JAN-2017   
Date **William Robert Flynn IV**

SIGNED at **1001 E. Hector Street, Suite 300**  
**Conshohocken, PA 19428 USA**  
(City and State or Country)

STATEMENT OF WITNESS: I, Wilma MacRae  
Name of Witness  
whose full address is: **1001 E. Hector Street, Suite 300**  
**Conshohocken, PA 19428 USA**  
Address of Witness

was personally present and did see **William Robert Flynn IV** execute this assignment on the  
4th day of January, 2016, and such assignor is personally known to me to be the  
person described herein. 2017

  
Signature of Witness