

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5315999

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| LAKSHMI R. IYER | 08/30/2017 |
| GUODONG ZHANG | 09/08/2017 |
| QIAN ZHANG | 08/30/2017 |
| ALLAN Y. TSAI | 08/31/2017 |
| JOSEPH M. MURRAY | 08/30/2017 |
| PASCAL M. ADJAKPLE | 09/08/2017 |
| QING LI | 09/05/2017 |
| TIANYI XU | 03/27/2018 |
| WEI CHEN | 09/06/2017 |
| AHMED ELSAMADOUNY | 09/08/2017 |
| SALMAN KHAN | 12/17/2018 |
| YIFAN LI | 08/30/2017 |
| 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: | 15624378 |
| CORRESPONDENCE DATA | |
| Fax Number: | (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> | |
| Phone: | 2155683100 |
| Email: | assignments@bakerlaw.com |
| Correspondent Name: | BAKER & HOSTETLER, LLP |
| Address Line 1: | 2929 ARCH STREET |

PATENT

| | |
|------------------------|----------------------------------|
| Address Line 2: | CIRA CENTRE, 12TH FLOOR |
| Address Line 4: | PHILADELPHIA, PENNSYLVANIA 19104 |

| | |
|--------------------------------|---------------------------|
| ATTORNEY DOCKET NUMBER: | CNV13145US02/106693000061 |
|--------------------------------|---------------------------|

| | |
|---------------------------|--------------------|
| NAME OF SUBMITTER: | LILLIAN I. SCHULTZ |
|---------------------------|--------------------|

| | |
|-------------------|----------------------|
| SIGNATURE: | /Lillian I. Schultz/ |
|-------------------|----------------------|

| | |
|---------------------|------------|
| DATE SIGNED: | 01/09/2019 |
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Total Attachments: 15

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ASSIGNMENT

WHEREAS;

- | | |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 1. Lakshmi R. Iyer 11207 Valley Forge Circle #1207 King of Prussia, PA 19406 | 7. Qing Li 25 Hawthorne Drive Princeton Junction, NJ 08550 |
| 2. Guodong Zhang 14 Walnut Drive Syosset, NY 11791 | 8. Tianyi Xu 11717 Stoney Peak Dr., Apt 17 San Diego, CA 92128 |
| 3. Qian Zhang 15 Compton Ct. Basking Ridge, NY 07920 | 9. Wei Chen 9135 Judicial Drive Apt. 3216 San Diego, CA 92122 |
| 4. Allan Y. Tsai 10 Jolie Court Boonton, NJ 07005 | 10. Ahmed ElSamadouny 7631 Hwy 290 W. Apt. 325 Austin, TX 78736 |
| 5. Joseph M. Murray 12 Ashley Drive Schwenksville, PA 19473 | 11. Salman Khan 11A Platt Avenue West Babylon, NY 11704 |
| 6. Pascal M. Adjakple 67 Red Brook Road Great Neck, NY 11024 | 12. Yifan Li 1300 Fayette Street, Apt. 252 Conshohocken, PA 19428 |

810 Woodway lane,
RICHARDSON, TX
75081.
SK
12/17/2018.

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. 15/624,378, filed June 15, 2017, entitled **Upload Control Signaling For New Radio** 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

DOCKET NO.: .: 106693000061CNV13145US02

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.: .: 106693000061CNV13145US02

8/30/17 Lakshmi
Date Lakshmi R. Iyer

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

STATEMENT OF WITNESS: I, Denise A. Kumpf
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 **Lakshmi R. Iyer** execute this assignment on the 30 day
of August, 2017, and such assignor is personally known to me to be the person
described herein.

Denise A. Kumpf
Signature of Witness

DOCKET NO.: .: 106693000061CNV13145US02

9/8/17
Date


Guodong Zhang

SIGNED at MELVILLE, NEW YORK USA
(City and State or Country)

STATEMENT OF WITNESS: I, BRIDGET LETREN
Name of Witness
200 WINGTON QUADRANGLE
4TH FLOOR/SOUTH WING
MELVILLE, NY 11747 USA
whose full address is:
Address of Witness

was personally present and did see **Guodong Zhang** execute this assignment on the 8 day
of September, 2017, and such assignor is personally known to me to be the person
described herein.


Bridget Letren

DOCKET NO.: 106693000061CNV13145US02

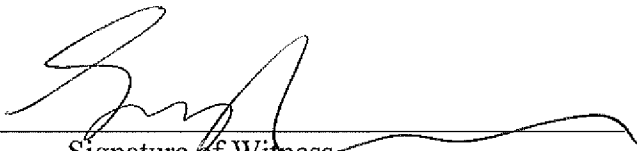
Date 8/30/2017 Qian Zhang 

SIGNED at Bridgewater, NJ
(City and State or Country)

STATEMENT OF WITNESS: I, Chen Song
Name of Witness

whose full address is: 400 Crossing Blvd, Bridgewater, NJ
Address of Witness

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


Signature of Witness

DOCKET NO.: .: 106693000061CNV13145US02

Date 8/31/17 Allan Y. Tsai
Allan Y. Tsai

MELVILLE, NEW YORK USA

SIGNED at

(City and State or Country)

STATEMENT OF WITNESS: I, BRIDGETT LETREN

Name of Witness BRIDGETT LETREN
4TH FLOOR/SOUTH WING
MELVILLE, NY 11747 USA

whose full address is:

Address of Witness

was personally present and did see Allan Y. Tsai execute this assignment on the 31 day of August, 2017, and such assignor is personally known to me to be the person described herein.

Bridgett Letren
Signature of Witness

DOCKET NO.: .: 106693000061CNV13145US02

8/30/17
Date

Joseph M. Murray
Joseph M. Murray

SIGNED at

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

(City and State or Country)

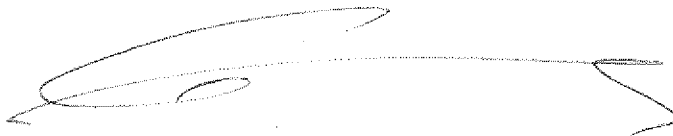
STATEMENT OF WITNESS: I, Denise A. Kumpf
Name of Witness

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

was personally present and did see **Joseph M. Murray** execute this assignment on the 30
day of August, 2017, and such assignor is personally known to me to be the person
described herein.

Denise A. Kumpf
Signature of Witness


DOCKET NO.: .: 106693000061CNV13145US02

9/8/17 
Date **Pascal M. Adjakple**

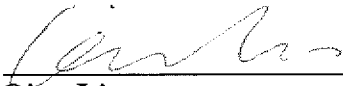
MELVILLE, NEW YORK USA
SIGNED at _____
(City and State or Country)

STATEMENT OF WITNESS: I, BRIDGETT LETREN
Name of Witness
whose full address is: 2 HUNTINGTON QUADRANGLE
4TH FLOOR/SOUTH WING
MELVILLE, NY 11747 USA
Address of Witness

was personally present and did see **Pascal M. Adjakple** execute this assignment on the 8
day of September, 2017, and such assignor is personally known to me to be the person
described herein.


Signature of Witness

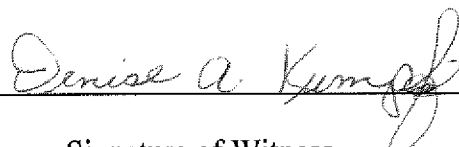
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9/5/17 
Date Qing Li

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

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

was personally present and did see Qing Li execute this assignment on the 5th day of September, 2017, and such assignor is personally known to me to be the person described herein.


Signature of Witness

DOCKET NO.: .: 106693000061CNV13145US02

3/27/2018
Date Tianyi Xu

SIGNED at San Jose, CA
(City and State or Country)

STATEMENT OF WITNESS: I, Ying Teng
Name of Witness

whose full address is: 2925 Manda Drive, San Jose, CA 95124
Address of Witness

was personally present and did see Tianyi Xu execute this assignment on the 27th day of March, 2017, and such assignor is personally known to me to be the person described herein.

[Signature]
Signature of Witness

DOCKET NO.: : 106693000061CNV13145US02

09/06/2017 Wei Chen
Date
Wei Chen
9710 Scranton Road, #250
San Diego, CA 92121, USA

SIGNED at _____
(City and State or Country)

STATEMENT OF WITNESS: I, Julie McDonough
Name of Witness
9710 Scranton Road, #250
whose full address is: **San Diego, CA 92121, USA**
Address of Witness

was personally present and did see **Wei Chen** execute this assignment on the 10th day of September, 2017, and such assignor is personally known to me to be the person described herein.

Julie McDonough
Signature of Witness

9/8/2017 Ahmed El
Date **Ahmed ElSamadouny**

Austin, TX
(City and State or Country)

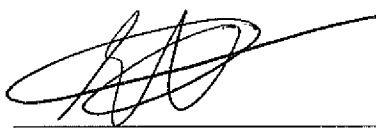
STATEMENT OF WITNESS: I, Sara Elsharkawy
Name of Witness

whose full address is: 7631 Hwy 290 W, Apt #325, Austin, TX 78736
Address of Witness

was personally present and did see Ahmed ElSamadouny execute this assignment on the _____ day of Sept. 8, 2017, and such assignor is personally known to me to be the person described herein.

Sara Elshorkany
Signature of Witness

DOCKET NO.: .: 106693000061CNV13145US02

12/17/2018 
Date Salman Khan

SIGNED at DALLAS, TX, USA.
(City and State or Country)

STATEMENT OF WITNESS: I, Tahreen AHMAD.
Name of Witness

whose full address is: 810 Woodway Lane, Richardson, TX 75081.
Address of Witness

was personally present and did see **Salman Khan** execute this assignment on the 17th day of May, 2018, and such assignor is personally known to me to be the person described herein.

Tahreen
Signature of Witness

DOCKET NO.: .: 106693000061CNV13145US02

8/30/17 李-凡
Date Yifan Li

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

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

was personally present and did see **Yifan Li** execute this assignment on the 30 day of August, 2017, and such assignor is personally known to me to be the person described herein.

Denise A. Kumpf
Signature of Witness