

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6211966

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GUODONG ZHANG	04/19/2019
ALLAN Y. TSAI	04/03/2019
QING LI	04/03/2019
PASCAL M. ADJAKPLE	04/30/2019
LAKSHMI R. IYER	04/04/2019
WEI CHEN	03/29/2019
JOHN M. MURRAY	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:	16323840
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
Address Line 2:	CIRA CENTRE, 12TH FLOOR
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19104
ATTORNEY DOCKET NUMBER:	106693.000254
NAME OF SUBMITTER:	LILLIAN I. SCHULTZ
SIGNATURE:	/Lillian I. Schultz/

PATENT

DATE SIGNED:	07/22/2020
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Total Attachments: 9

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ASSIGNMENT

WHEREAS;

- | | |
|--|--|
| 1. Guodong Zhang
Woodbury, NY
United States of America | 5. Lakshmi R. Iyer
King of Prussia, PA
United States of America |
| 2. Allan Y. Tsai
Boonton, NJ
United States of America | 6. Wei Chen
San Diego, CA
United States of America |
| 3. Qing Li
Princeton Junction, NJ
United States of America | 7. Joseph M. Murray
Schwenksville, PA
United States of America |
| 4. Pascal M. Adjakple
Great Neck, NY
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. **16/323,840**, filed **February 7, 2019**, entitled **"Beamforming Sweeping and Training in a Flexible Frame Structure 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 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.

Date

4-19-19

Guodong Zhang

SIGNED at

MELVILLE, NEW YORK USA

(City and State or Country)

STATEMENT OF WITNESS: I,

Migaly Lopez
Name of Witness

whose full address is:

Address of Witness

2 HUNTINGTON QUADRANGLE
4TH FLOOR/SOUTH WING
MELVILLE, NY 11747 USA

was personally present and did see Guodong Zhang execute this assignment on the 19 day
of April, 20 19, and such assignor is personally known to me to be the person
described herein.

Signature of Witness

4-3-19 allan Y. Tsai
Date **Allan Y. Tsai**

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

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

was personally present and did see **Allan Y. Tsai** execute this assignment on the 3 day of April, 2019, and such assignor is personally known to me to be the person described herein.

[Signature]
Signature of Witness

DOCKET NO.: BH CNV13254US02/106693.000254

4/3/2019 
Date Qing Li

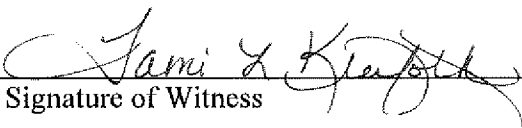
SIGNED at 1001 E. Hector Street, Suite 300
 Conshohocken, PA 19428 USA


 (City and State or Country)

STATEMENT OF WITNESS: I, Tami L. Kliefoth
 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 3 day of
April, 20 19, and such assignor is personally known to me to be the person
described herein.

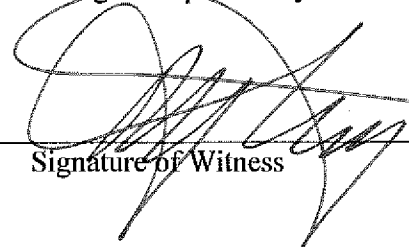

Signature of Witness

4-30-19 
Date Pascal M. Adjakple

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

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

was personally present and did see **Pascal M. Adjakple** execute this assignment on the 30
day of April, 2019 and such assignor is personally known to me to be the
person described herein.


Signature of Witness

DOCKET NO.: BH CNV13254US02/106693.000254

Date 4/4/19 
Lakshmi R. Iyer

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

STATEMENT OF WITNESS: I, Tami L. Klicfoth
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 4 day
of April, 20 19, and such assignor is personally known to me to be the person
described herein.


Signature of Witness


DOCKET NO.: BH CNV13254US02/106693.000254

Date 07/29/2019 
Wei Chen

9276 Scranton Road, #300
San Diego, CA 92121, USA

SIGNED at

(City and State or Country)

STATEMENT OF WITNESS: I, 

Name of Witness
9276 Scranton Road, #300
San Diego, CA 92121, USA

whose full address is:

Address of Witness

was personally present and did see Wei Chen execute this assignment on the 29th day of March, 2019, and such assignor is personally known to me to be the person described herein.


Signature of Witness

DOCKET NO.: BH CNV13254US02/106693.000254

4/2/19
Date Joseph M. Murray

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

STATEMENT OF WITNESS: I, Tami L. Kliefoth
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 2
day of April, 20 19, and such assignor is personally known to me to be the
person described herein.

Tami L. Kliefoth
Signature of Witness