

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6439671

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WILLIAM ROBERT FLYNN IV	07/30/2019
DALE N. SEED	07/30/2019
CATALINA MIHAELA MLADIN	07/30/2019
QUANG LY	07/30/2019
ZHUO CHEN	07/30/2019
LU LIU	07/30/2019
JIWAN L. NINGLEKHU	07/30/2019
MICHAEL F. STARSINIC	07/30/2019
RECEIVING PARTY DATA	
Name:	CONVIDA WIRELESS, LLC
Street Address:	200 BELLEVUE PARKWAY, SUITE 300
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809-3727
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16973496
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	101859.001588
NAME OF SUBMITTER:	CRAIG L. CUPID
SIGNATURE:	/Craig L. Cupid/

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DATE SIGNED:	12/09/2020
Total Attachments: 10 source=2018P00466WOUS101859001588_EXECUTED_ASSIGNMENT#page1.tif source=2018P00466WOUS101859001588_EXECUTED_ASSIGNMENT#page2.tif source=2018P00466WOUS101859001588_EXECUTED_ASSIGNMENT#page3.tif source=2018P00466WOUS101859001588_EXECUTED_ASSIGNMENT#page4.tif source=2018P00466WOUS101859001588_EXECUTED_ASSIGNMENT#page5.tif source=2018P00466WOUS101859001588_EXECUTED_ASSIGNMENT#page6.tif source=2018P00466WOUS101859001588_EXECUTED_ASSIGNMENT#page7.tif source=2018P00466WOUS101859001588_EXECUTED_ASSIGNMENT#page8.tif source=2018P00466WOUS101859001588_EXECUTED_ASSIGNMENT#page9.tif source=2018P00466WOUS101859001588_EXECUTED_ASSIGNMENT#page10.tif	

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PATENT

ASSIGNMENT

WHEREAS;

- | | |
|--|--|
| 1. William Robert Flynn IV
Schwenksville, PA
United States of America | 5. Zhuo Chen
Claymont, DE
United States of America |
| 2. Dale N. Seed
Allentown, PA
United States of America | 6. Lu Liu
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United States of America |
| 3. Catalina Mihaela Mladin
Hatboro, PA
United States of America | 7. Jiwan L. Ninglekhu
Philadelphia, PA
United States of America |
| 4. Quang Ly
North Wales, PA
United States of America | 8. Michael F. Starsinic
Newtown, PA
United States of America |

hereinafter referred to as the ASSIGNORS, are joint inventors of certain inventions or improvements set forth in International Patent Application No. **PCT/US19/38484**, filed **June 21, 2019**, entitled **“Service Layer-Based Methods to Enable Efficient Analytics of IoT Data”** 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

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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.

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7/30/2019

Date

DocuSigned by:

William Robert Flynn IV

William Robert Flynn IV

SIGNED at

Schwenksville PA

(City and State or Country)

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Date

DocuSigned by:
Dale N. Seed
Dale N. Seed

SIGNED at

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Date

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Catalina Mihaela Mladin

Catalina Mihaela Mladin

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7/30/2019

Date

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Quang Ly
45EBCB3C1D4AC...

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7/30/2019

Date

DocuSigned by:

Zhuo Chen

Zhuo Chen

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SIGNED at

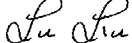
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Jiwan L. Ninglekhu

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