

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6458297

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SIMON DUXBURY	06/06/2018
ABHISHEK AGRAWAL	06/06/2018
SAIED ANSARI	06/06/2018
DIDIER MARGAIRAZ	06/06/2018
HONGPING LIU	06/06/2018
RECEIVING PARTY DATA	
Name:	QUANTENNA COMMUNICATIONS, INC.
Street Address:	1704 AUTOMATION PARKWAY
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95131
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17126462
CORRESPONDENCE DATA	
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Email:	patents@onsemi.com
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Address Line 2:	MAILDROP A700
Address Line 4:	PHOENIX, ARIZONA 85008
ATTORNEY DOCKET NUMBER:	QTNA114CC01US
NAME OF SUBMITTER:	MICHELLE A. SMOJVER
SIGNATURE:	/MICHELLE A. SMOJVER/
DATE SIGNED:	12/18/2020
Total Attachments: 6	

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ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

TRANSMUTABLE MIMO WIRELESS TRANSCEIVER

(Atty. Docket No.: **QtnaP114us**) for which I (we) have executed an application for a United States Letters Patent filed 5/31/2018 and allocated USSN 15/995,104

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to **QUANTENNA COMMUNICATIONS, INC.**, a **Delaware** corporation having a place of business at **1704 Automation Parkway, San Jose, CA 95131 United States**, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Assignors hereby grant assignee or assignee's designee the right to insert the U.S. Patent Application number and filing date where space is provided above at any time subsequent to the date of the assignor's signature below.

Signed on the date(s) indicated beside my (our) signature(s).

1. Inventor Signature: *Simon Duxbury* Date: 06-06-2018
Simon DUXBURY

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of SANTA CLARA

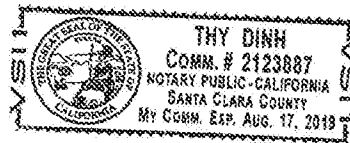
On 06/06/18 before me, *Notary Public, THY DINH*, personally appeared **Simon DUXBURY**, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature *Thy Dinh*
THY DINH

(SEAL)



2. Inventor Signature: Abhishek
Abhishek AGRAWAL

Date: 06-06-2018

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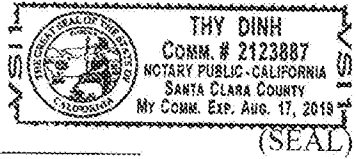
State of California
County of SANTA CLARA

On 06/06/18 before me, THY DINH, ^{Notary Public,} personally appeared Abhishek AGRAWAL, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his her/their authorized capacity(ies), and that by his her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature [Signature]



3. Inventor Signature:

Saied Ansaari

Date: 06-06-2018

Saied ANSARI

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State of California

County of SANTA CLARA

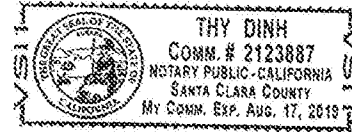
On 06/06/18 before me, THY DINH ^{Notary Public,} personally appeared **Saied ANSARI**, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is/are~~ subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature

[Handwritten Signature]



4. Inventor Signature: _____

[Handwritten Signature]

Date: 06-06-2018

Didier MARGAIRAZ

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State of California

County of SANTA CLARA

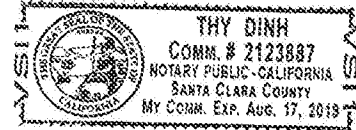
On 06/06/18 before me, THY DINH, *Notary Public,* personally appeared **Didier MARGAIRAZ**, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature _____

[Handwritten Signature]



5. Inventor Signature:

Hongping LIU
Hongping LIU

Date: 06-06-2018

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State of California

County of SANTA CLARA

On 06/06/18 before me, THY DINH, ^{Notary Public,} personally appeared **Hongping LIU**, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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WITNESS my hand and official seal.

Notary Signature

Thy Dinh

