

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3812282

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SIGURD SCHELSTRAETE	03/29/2016
HUIZHAO WANG	03/29/2016
MAXIM NIKOLAEV	03/17/2016
DENIS MARIN	03/17/2016
RECEIVING PARTY DATA	
Name:	QUANTENNA COMMUNICATIONS, INC.
Street Address:	3450 WEST WARREN AVE.
City:	FREMONT
State/Country:	CALIFORNIA
Postal Code:	94538
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15063491
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:	QTNAP087US
NAME OF SUBMITTER:	CHARLES C CARY
SIGNATURE:	/ CHARLES C CARY /
DATE SIGNED:	04/01/2016
Total Attachments: 5	
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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:

MU-MIMO SNIFFER FOR A WIRELESS LOCAL AREA NETWORK

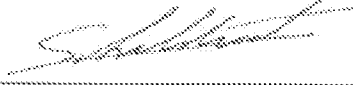
(Atty. Docket No.: **QtnaP087us**) for which I (we) have executed an application for a United States Letters Patent filed March 7, 2016 and allocated USSN 15/063,491

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 **3450 West Warren Avenue, Fremont, CA 94538 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: _____



Date: 3-27-2016

Sigurd SCHELSTRAETE

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

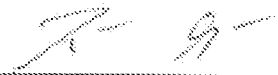
County of ALAMEDA

On 3-29-2016 before me, TRISTAN GILBERTSON, NOTARY PUBLIC, personally appeared **Sigurd SCHELSTRAETE**, 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 _____



(SEAL)



2. Inventor Signature: _____

Date: 3-27-2016

Huizhao WANG

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 ALAMEDA

On 3-27-2016 before me, TRISTAN GILBERTSON, Notary Public, personally appeared **Huizhao WANG**, 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 _____

(SEAL)



3. Investor Signature: _____

Date: 3- -2016

Maxim NIKOLAEV

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State of California

Russian Federation

County of _____

City of St. Petersburg

Consulate General Of The United States Of America

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On 17 MAR 2016 before me, Robert F. Doughlen, personally appeared **Maxim NIKOLAEV**, 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 _____

Robert F. Doughlen
Consul of the
United States of America

(SEAL)

4. Inventor Signature: _____

Denis Marin

Date: 3- 2016

Denis MARIN

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

Russian Federation

County of _____

City of St. Petersburg

Consulate General Of The United States Of America

SS

On 17 MAR 2016 before me, Robert F. Doughitan, personally appeared **Denis MARIN**, 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 _____

Robert F. Doughitan

Robert F. Doughitan
Consul of the
United States of America

(SEAL)