

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3824254

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
OGHENEKOME OTERI	01/15/2016
HANQING LOU	01/07/2016
MONISHA GHOSH	03/14/2016
ROBERT L. OLESEN	01/07/2016
FRANK LA SITA	01/07/2016
XIAOFEI WANG	01/07/2016
PENGFEI XIA	01/05/2016
NIRAV B. SHAH	01/15/2016
RECEIVING PARTY DATA	
Name:	INTERDIGITAL PATENT HOLDINGS, INC.
Street Address:	200 BELLEVUE PARKWAY
Internal Address:	SUITE 300
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14888274
CORRESPONDENCE DATA	
Fax Number:	(215)558-5767
<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:	215-558-5740
Email:	docketing@condoroccia.com
Correspondent Name:	CONDO ROCCIA KOPTIW LLP
Address Line 1:	1800 JFK BLVD.
Address Line 2:	SUITE 1700
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	I802_11803US02
NAME OF SUBMITTER:	ARSHID A. SHEIKH

PATENT

SIGNATURE:	/Arshid A. Sheikh/
DATE SIGNED:	04/11/2016
Total Attachments: 10 source=11803US02 - Fully Executed Assignment#page1.tif source=11803US02 - Fully Executed Assignment#page2.tif source=11803US02 - Fully Executed Assignment#page3.tif source=11803US02 - Fully Executed Assignment#page4.tif source=11803US02 - Fully Executed Assignment#page5.tif source=11803US02 - Fully Executed Assignment#page6.tif source=11803US02 - Fully Executed Assignment#page7.tif source=11803US02 - Fully Executed Assignment#page8.tif source=11803US02 - Fully Executed Assignment#page9.tif source=11803US02 - Fully Executed Assignment#page10.tif	

ASSIGNMENT

WHEREAS;

- | | | | |
|----|---|----|--|
| 1. | Oghenekome Oteri
8488 Lower Scarborough Lane
San Diego, California 92127
United States of America | 6. | Xiaofei Wang
30 Chestnut Court
Cedar Grove, New Jersey 07009
United States of America |
| 2. | Hanqing Lou
47 Southwood Circle
Syosset, New York 11791
United States of America | 7. | Pengfei Xia
4180 Misty Ridge
San Diego, California 92130
United States of America |
| 3. | Monisha Ghosh
5050 South Lake Shore Drive
Apartment 3017
Chicago, Illinois 60615
United States of America | 8. | Nirav B. Shah
14670 Via Fiesta #2 12265 Porcelina Ct
San Diego, California 92127 92131
United States of America |
| 4. | Robert L. Olesen
3 Country Club Drive
Huntington, New York 11743
United States of America | | |
| 5. | Frank La Sita
91 Bennets Road
Setauket, New York 11733
United States of America | | |

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. 14/888,274, filed May 2, 2014, entitled **SYSTEMS AND METHODS FOR FRACTIONAL CARRIER SENSE MULTIPLE ACCESS WITH COLLISION AVOIDANCE (CSMA/CA) FOR WLANS**; and

WHEREAS, InterDigital Patent Holdings, Inc., hereinafter referred to as the ASSIGNEE, of 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809, a corporation of Delaware, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the 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 inventions or improvements and 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. We further assign to and authorize said ASSIGNEE, to file in our names applications for Letters Patent 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 Letters Patent 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.

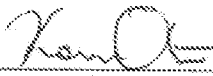
AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent 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 inventions or improvements, said application and said Letters Patent, 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 patent protection for said inventions or improvements 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, any and all Letters Patent for said inventions or improvements, 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.

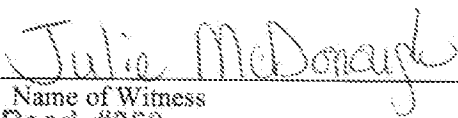
IN WITNESS WHEREOF, we have hereunto set our hands and seals.

DOCKET NO.: I802_11803US02

1/15/2016 
Date **Oghenekome Oteri**

9710 Scranton Road, #250
San Diego, CA 92121, USA

Signed at _____
(City and Country)

STATEMENT OF WITNESS: I, 

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 **Oghenekome Oteri** execute this Assignment on the 15th day of January, 2016 and such Assignor is personally known to me to be the person described herein.


Signature of Witness

DOCKET NO.: 1802_11803US02

Date 1/7/16 [Signature]
Hanqing Lou

Signed at Delville NY USA
(City and Country)

STATEMENT OF WITNESS: I, BRIDGET LEIRON
Name of Witness
2 Huntington Quadrangle, 4th Fl South Wing
whose full address is: Delville, NY 11747 USA
Address of Witness

was personally present and did see **Hanqing Lou** execute this Assignment on the 7th day of January, 2016 and such Assignor is personally known to me to be the person described herein.

[Signature]
Signature of Witness

DOCKET NO.: I802_11803US02

March 14, 2016
Date

Monisha Ghosh
Monisha Ghosh

Signed at CHICAGO, USA
(City and Country)

STATEMENT OF WITNESS: I, SDPRATIK GUHA
Name of Witness

whose full address is: 5050 S LAKE SHORE DR., #3017, CHICAGO, IL 60615
Address of Witness

was personally present and did see **Monisha Ghosh** execute this Assignment on the 14th day of MARCH, 2016 and such Assignor is personally known to me to be the person described herein.

SDPRATIK GUHA
Signature of Witness

DOCKET NO.: I802_11803US02

Date

1/7/16


Robert L. Olesen

2 Huntington Quadrangle, 4th F/South Wing
Melville, NY 11747 USA

Signed at

(City and Country)

STATEMENT OF WITNESS: I, BRIDGET LETREN

Name of Witness
2 Huntington Quadrangle, 4th F/South Wing
Melville, NY 11747 USA

whose full address is:

Address of Witness

was personally present and did see **Robert L. Olesen** execute this Assignment on the 7th day of January, 2016 and such Assignor is personally known to me to be the person described herein.


Signature of Witness

DOCKET NO.: 1802_11803US02

Date 1/7/16

Frank La Sita
Frank La Sita

Signed at 2 Huntington Quadrangle, 4th Fl/South Wing
Melville, NY 11747 USA
(City and Country)

STATEMENT OF WITNESS: I, BRIDGET LOREN

whose full address is: 2 Huntington Quadrangle, 4th Fl/South Wing
Melville, NY 11747 USA
Address of Witness

was personally present and did see **Frank La Sita** execute this Assignment on the 7th day of January, 2016 and such Assignor is personally known to me to be the person described herein.

Bridget Loren
Signature of Witness

DOCKET NO.: I802_11803US02

Date 1/7/2016 Xiaofei Wang

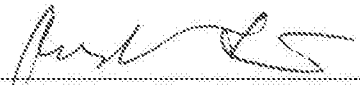
Signed at 2 Huntington Quadrangle, 4th Fl/South Wing
Melville, NY 11747 USA
(City and Country)

STATEMENT OF WITNESS: I, BRIDGETT LEIREN
Name of Witness
whose full address is: 2 Huntington Quadrangle, 4th Fl/South Wing
Melville, NY 11747 USA
Address of Witness

was personally present and did see **Xiaofei Wang** execute this Assignment on the 7th day of January, 2016 and such Assignor is personally known to me to be the person described herein.

Bridgett Leiren
Signature of Witness

1/5/2016
Date



Pengfei Xia

Signed at San Diego, CA USA
(City and Country)

STATEMENT OF WITNESS: I, WENTUN MA
Name of Witness

whose full address is: 4180 Misty Ridge, San Diego, CA 92130
Address of Witness

was personally present and did see **Pengfei Xia** execute this Assignment on the 5 day of Jan, 2016 and such Assignor is personally known to me to be the person described herein.


Signature of Witness

DOCKET NO.: I802_11803US02

Date 01/15/16 
Nirav B. Shah

Signed at 9710 Scranton Road, #250
San Diego, CA 92121, USA
(City and Country)

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

was personally present and did see **Nirav B. Shah** execute this Assignment on the 15th day of January, 2016 and such Assignor is personally known to me to be the person described herein.


Signature of Witness