

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2819927

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEAN-LOUIS GAUVREAU	11/08/2013
MARTINO M. FREDA	11/08/2013
ZINAN LIN	11/14/2013
JOSEPH M. MURRAY	11/08/2013
CHUNXUAN YE	11/05/2013
ERDEM BALA	11/14/2013
MIHAELA BELURI	11/14/2013
DOUGLAS R. CASTOR	11/06/2013
AMITH V. CHINCHOLI	12/24/2013
ANGELO A. CUFFARO	11/08/2013
YUYING DAI	11/08/2013
ALPASLAN DEMIR	11/14/2013
JOSEPH W. GREDONE	11/06/2013
RUI YANG	11/26/2013
LIANGPING MA	11/12/2013
ROCCO DIGIROLAMO	10/31/2013
DEBASHISH PURKAYASTHA	11/06/2013
ATHMANE TOUAG	11/08/2013

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:	13984180

CORRESPONDENCE DATA**PATENT**

Fax Number: (215)568-6499

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

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Email: KLynch@vklaw.com

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Address Line 1: 30 SOUTH 17TH STREET

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Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	IDC-10909US02
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NAME OF SUBMITTER:	LAURA GILBERT REMUS
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SIGNATURE:	/Laura Gilbert Remus/
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DATE SIGNED:	04/18/2014
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Total Attachments: 21

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ASSIGNMENT

Jean-Louis Gauvreau, residing at 115 Paradis, La Prairie, Quebec J5R 6G7, Canada, a citizen of Canada; Martino M. Freda, residing at 7131 du Cabernet, Laval, Quebec H7A 0A8, Canada, a citizen of Canada; Zinan Lin, residing at 3 Logwood Court, Melville, New York 11747, the United States of America, a citizen of China; Joseph M. Murray, residing at 12 Ashley Drive, Schwenksville, Pennsylvania 19473, the United States of America, a citizen of the United States of America; Chunxuan Ye, residing at 17247 4S Ranch Parkway, San Diego, California 92127, the United States of America, a citizen of China; Erdem Bala, residing at 150 Secatogue Avenue, Apartment 12B, Farmingdale, New York 11735, the United States of America, a citizen of Turkey; Mihaela C. Beluri, residing at 44 Middle Lane, Jericho, New York 11753, the United States of America, a citizen of Canada; Douglas R. Castor, residing at 8029 Fair View Lane, Norristown, Pennsylvania 19403, the United States of America, a citizen of the United States of America; Amith V. Chincholi, residing at 880 E Fremont Avenue, Unit #407, Sunnyvale, California 94087, the United States of America, a citizen of India; Angelo A. Cuffaro residing at 3837 Place du Brigadier, Laval, Quebec H7E 5M7, Canada, a citizen of Canada; Yuying Dai, residing at 9061 Croissant Rimouski, Brossard, Quebec J4X 2S3 Canada, a citizen of Canada; Alpaslan Demir, residing at 1714 Coral Road, East Meadow, New York 11554, the United States of America, a citizen of the United States of America; Joseph W. Gredone, residing at 159 Billingsley Drive, Chalfont, Pennsylvania 18914, the United States of America, a citizen of the United States of America; Rui Yang, residing at 14 Burns Court, Greenlawn, New York 11740, the United States of America, a citizen of China; Liangping Ma, residing at 13581 Dogwood Way, San Diego, California 92130, the United States of America, a citizen of China; Rocco DiGirolamo, residing at 632 de Fribourg Street, Laval, Quebec H7K 3Y3, Canada, a citizen of Canada; Debashish Purkayastha, residing at 1200 East Autumn Court, Collegeville, Pennsylvania 19426, the United States of

America, a citizen of the United States of America; and, Athmane Touag, residing at 752 Olivar-Asselin, Chomedey, Laval, Quebec H7V 1V3, Canada, a citizen of Algeria, (hereafter jointly and severally referred to as the undersigned), are the inventors of

METHOD AND APPARATUS FOR OPERATING
SUPPLEMENTARY CELLS IN LICENSED EXEMPT SPECTRUM

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 13/984,180, filed February 7, 2012.

InterDigital Patent Holdings, Inc., a Delaware corporation, having a place of business at 200 Bellevue Parkway, Suite 300, Wilmington, Delaware 19809, USA, (hereafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

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.

November 9, 2013
Date


Jean-Louis Gauvreau

Signed at Montreal, QC Canada
(City and Country)

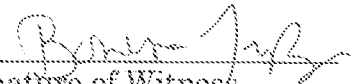
STATEMENT OF WITNESS: I,

Bonina Cozzano
Name of Witness
1000 Sherbrooke St. West, 10th Floor
MTL, QC Canada H3A 0C4

whose full address is:

Address of Witness

was personally present and did see Jean-Louis Gauvreau execute this Assignment on the 9 day of November, 2013 and such Assignor is personally known to me to be the person described herein.


Signature of Witness

November 8, 2013
Date

Martino M. Freda
Martino M. Freda

Signed at Montreal, QC Canada
(City and Country)

STATEMENT OF WITNESS: I, Bonnie Lottor

Name of Witness
1000 Sherbrooke St. West, 10th Floor
MTL, QC Canada H3A 3G4

whose full address is:

Address of Witness

was personally present and did see Martino M. Freda execute this Assignment on the 8 day of November, 2013 and such Assignor is personally known to me to be the person described herein.

Bonnie Lottor
Signature of Witness

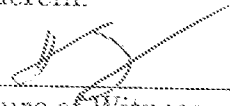
Date 11/14/13 
Date Zinan Lin

Signed at Basking Ridge, NJ, USA
(City and Country)

STATEMENT OF WITNESS: I, Feng Han
Name of Witness

whose full address is: 74 Liberty Ridge Rd, Basking Ridge, NJ
Address of Witness

was personally present and did see Zinan Lin execute this Assignment on the 14 day of November, 2013 and such Assignor is personally known to me to be the person described herein.


Signature of Witness

08-NOV-2013
Date

Joseph M. Murray
Joseph M. Murray

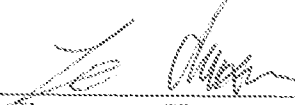
Signed at 781 Third Avenue, King of Prussia, PA 19406 USA
(City and Country)

STATEMENT OF WITNESS: I, William Mackay
Name of Witness
whose full address is: 781 Third Avenue, King of Prussia, PA 19406 USA
Address of Witness

was personally present and did see Joseph M. Murray execute this Assignment on the 8th day of November, 2013 and such Assignor is personally known to me to be the person described herein.

William Mackay
Signature of Witness

11-05-2013
Date

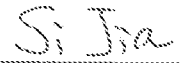

Chunxuan Ye

Signed at San Diego, CA
(City and Country)

STATEMENT OF WITNESS: I, Sijia Zhang
Name of Witness

whose full address is: 17247 45 Ranch Pkwy, San Diego, CA 92127
Address of Witness

was personally present and did see Chunxuan Ye execute this Assignment on the 5th day of November, 2013 and such Assignor is personally known to me to be the person described herein.


Signature of Witness

11-14-13
Date

Erdem Bala
Erdem Bala

Signed at Melville, NY USA
(City and Country)

STATEMENT OF WITNESS: I, Miguel Lopez
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 Erdem Bala execute this
Assignment on the 14 day of November, 2013 and such Assignor is
personally known to me to be the person described herein.

[Signature]
Signature of Witness

Date

11-14-13

Mihaela Beluri

Mihaela Beluri

Signed at

(City and Country)

Melville, NY USA

STATEMENT OF WITNESS: I,

Migaly Lopez
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 Mihaela Beluri execute this Assignment on the 14 day of November, 2013 and such Assignor is personally known to me to be the person described herein.

Migaly Lopez
Signature of Witness

06 Nov 2013
Date

Douglas R. Castor
Douglas R. Castor

Signed at 781 Third Avenue, King of Prussia, PA 19406 USA
(City and Country)

STATEMENT OF WITNESS: I, Amy L. Hudak
Name of Witness

whose full address is: 781 Third Avenue, King of Prussia, PA 19406 USA
Address of Witness

was personally present and did see Douglas R. Castor execute this Assignment on the 6th day of November, 2013 and such Assignor is personally known to me to be the person described herein.

Amy L. Hudak
Signature of Witness

12/24/2013
Date

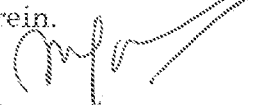

Amith V. Chincholi

Signed at SUNNYVALE, CA, USA
(City and Country)

STATEMENT OF WITNESS: I, MANASA RAGHAVAN
Name of Witness

whose full address is: 880 E. FREMONT AVE, #207, SUNNYVALE CA 94087
Address of Witness

was personally present and did see AMITH CHINCHOLI execute this Assignment on the 24th day of DECEMBER, 2013 and such Assignor is personally known to me to be the person described herein.


Signature of Witness

November 8, 2013
Date

[Signature]
Angelo A. Cuffaro

Signed at Montreal, QC Canada
(City and Country)

STATEMENT OF WITNESS: I, Bonina Bazzaro

Name of Witness
1000 Sherbrooke St. West, 10th Floor
MTL, QC Canada H3A 2G4

whose full address is:

[Address]
Address of Witness

was personally present and did see Angelo Cuffaro execute this Assignment on the 8 day of November 2013 and such Assignor is personally known to me to be the person described herein.

[Signature]
Signature of Witness

November 8, 2013
Date

Yuying Dai
Yuying Dai

Signed at Montreal, QC Canada
(City and Country)

STATEMENT OF WITNESS: I, Bonnie Geller

Name of Witness
1000 Sherbrooke St. West, 10th Floor
MTL, QC Canada H3A 3G4

whose full address is:

Address of Witness

was personally present and did see Yuying Dai execute this Assignment on the 8 day of November, 2013 and such Assignor is personally known to me to be the person described herein.

Bonnie Geller
Signature of Witness

Date

11-14-13

Alpaslan Demir
Alpaslan Demir

Signed at

Melville, NY USA
(City and Country)

STATEMENT OF WITNESS: I, _____

Migaly Lopez

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 Alpaslan Demir execute this Assignment on the 14 day of November, 2013 and such Assignor is personally known to me to be the person described herein.

[Signature]
Signature of Witness

06 Nov 2013
Date

Joseph W. Gredone
Joseph W. Gredone

Signed at 781 Third Avenue, King of Prussia, PA 19406 USA
(City and Country)

STATEMENT OF WITNESS: I, Amy L. Hudak
Name of Witness

whose full address is: 781 Third Avenue, King of Prussia, PA 19406 USA
Address of Witness

was personally present and did see Joseph W. Gredone execute this Assignment on the 6th day of November, 2013 and such Assignor is personally known to me to be the person described herein.

Amy L. Hudak
Signature of Witness

Date 11-26-13

Rui Yang
Rui Yang

Signed at Melville, NY USA
(City and Country)

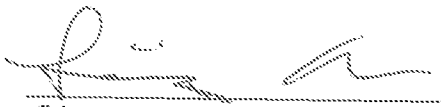
STATEMENT OF WITNESS: I, Migaly Lopez
Name of Witness

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

was personally present and did see Rui Yang execute this
Assignment on the 26 day of November, 2013 and such Assignor is
personally known to me to be the person described herein.

[Signature]
Signature of Witness

11/12/13
Date


Liangping Ma

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

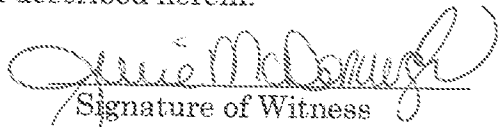
STATEMENT OF WITNESS: I,

Julie McDonagh
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 Liangping Ma execute this Assignment on the 12th day of November, 2013 and such Assignor is personally known to me to be the person described herein.


Signature of Witness

October 31, 2013
Date

Rocco DiGirolamo
Rocco DiGirolamo

Signed at LAVAL CANADA
(City and Country)

STATEMENT OF WITNESS: I, LOREDANA CAMPO
Name of Witness

whose full address is: 632 rue de FRESCOPE, LAVAL, CANADA, H3V-3Y3
Address of Witness

was personally present and did see Rocco DiGirolamo execute this Assignment on the 31st day of October, 2013 and such Assignor is personally known to me to be the person described herein.

Loredana Campo
Signature of Witness

06 Nov 2013
Date

Debashish Parkayastha
Debashish Parkayastha

Signed at 781 Third Avenue, King of Prussia, PA 19406 USA
(City and Country)

STATEMENT OF WITNESS: I, Amy L. Hudak
Name of Witness

whose full address is: 781 Third Avenue, King of Prussia, PA 19406 USA
Address of Witness

was personally present and did see Debashish Parkayastha execute this Assignment on the 6th day of November, 2013 and such Assignor is personally known to me to be the person described herein.

Amy L. Hudak
Signature of Witness

November 8, 2013
Date

Athmane Touag
Athmane Touag

Signed at Montreal, QC Canada
(City and Country)

STATEMENT OF WITNESS: I,

Bonnie Gzarka
Name of Witness
1000 Sherbrooke St. West, 10th Floor
MTL, QC Canada H3A 2G4

whose full address is:

Address of Witness

was personally present and did see Athmane Touag execute this Assignment on the 8 day of November, 2013 and such Assignor is personally known to me to be the person described herein.

Bonnie Gzarka
Signature of Witness