

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MOON-IL LEE</td> <td>10/18/2013</td> </tr> <tr> <td>JANET A. STERN-BERKOWITZ</td> <td>10/21/2013</td> </tr> <tr> <td>NOBUYUKI TAMAKI</td> <td>10/22/2013</td> </tr> <tr> <td>JOHN W. HAIM</td> <td>10/15/2013</td> </tr> <tr> <td>POURIYA SADEGHI</td> <td>11/01/2013</td> </tr> <tr> <td>MARIAN RUDOLF</td> <td>11/01/2013</td> </tr> <tr> <td>SHAHROKH NAYEB NAZAR</td> <td>11/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	MOON-IL LEE	10/18/2013	JANET A. STERN-BERKOWITZ	10/21/2013	NOBUYUKI TAMAKI	10/22/2013	JOHN W. HAIM	10/15/2013	POURIYA SADEGHI	11/01/2013	MARIAN RUDOLF	11/01/2013	SHAHROKH NAYEB NAZAR	11/01/2013
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<table border="1"> <tr> <td>Name:</td> <td>INTERDIGITAL PATENT HOLDINGS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>200 BELLEVUE PARKWAY</td> </tr> <tr> <td>Internal Address:</td> <td>SUITE 300</td> </tr> <tr> <td>City:</td> <td>WILMINGTON</td> </tr> <tr> <td>State/Country:</td> <td>DELAWARE</td> </tr> <tr> <td>Postal Code:</td> <td>19809</td> </tr> </table>		Name:	INTERDIGITAL PATENT HOLDINGS, INC.	Street Address:	200 BELLEVUE PARKWAY	Internal Address:	SUITE 300	City:	WILMINGTON	State/Country:	DELAWARE	Postal Code:	19809				
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CORRESPONDENCE DATA																	
Fax Number:	(215)568-6499																
Phone:	215-568-6400																
Email:	KLynch@vklaw.com																
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																	
Correspondent Name:	VOLPE AND KOENIG, P.C.																
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Address Line 2:	UNITED PLAZA, SUITE 1800																
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103																

CH \$40.00 14046173

ATTORNEY DOCKET NUMBER:	IDC-11593US02
NAME OF SUBMITTER:	WESLEY T. MCMICHAEL
Signature:	/Wesley T. McMichael/
Date:	11/22/2013
<p>Total Attachments: 9</p> <p>source=IDC-11593US02-Executed Assignment-EFS#page1.tif</p> <p>source=IDC-11593US02-Executed Assignment-EFS#page2.tif</p> <p>source=IDC-11593US02-Executed Assignment-EFS#page3.tif</p> <p>source=IDC-11593US02-Executed Assignment-EFS#page4.tif</p> <p>source=IDC-11593US02-Executed Assignment-EFS#page5.tif</p> <p>source=IDC-11593US02-Executed Assignment-EFS#page6.tif</p> <p>source=IDC-11593US02-Executed Assignment-EFS#page7.tif</p> <p>source=IDC-11593US02-Executed Assignment-EFS#page8.tif</p> <p>source=IDC-11593US02-Executed Assignment-EFS#page9.tif</p>	

ASSIGNMENT

Moon-il Lee, residing at 675 Conklin Street, Apartment 26A, Farmingdale, New York 11735, the United States of America, a citizen of Korea; Janet A. Stern-Berkowitz, residing at 41-20 Glenwood Street, Little Neck, New York 11363, the United States of America, a citizen of the United States of America; Nobuyuki Tamaki, residing at 6 Wendell Court, Melville, New York 11747, the United States of America, a citizen of Japan; John W. Haim, residing at 1848 Longfellow Street, Baldwin, New York 11510, the United States of America, a citizen of the United States of America; Pouriya Sadeghi, residing at 260 Wilson, Verdun, Quebec H3E 1L8, Canada, a citizen of Canada; Marian Rudolf, residing at 525 Lucien L'Allier, Apartment #204, Montreal, Quebec H3C 4L3, Canada, a citizen of the Federal Republic of Germany; and Shahrokh Nayeib Nazar, residing at 50 Du Mont-Saint-Bruno Avenue, Sainte-Julie, Montreal, Quebec J3E 2Z9, Canada, a citizen of Canada, (hereafter jointly and severally referred to as the undersigned), are the inventors of

METHOD AND APPARATUS FOR ENHANCING COVERAGE OF MACHINE TYPE COMMUNICATION (MTC) DEVICES

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 14/046,173, filed October 4, 2013.

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.

Date

10-18-13

Moon-il Lee

Signed at

Melville, NY USA
(City and Country)

STATEMENT OF WITNESS: I, Migdy Leper

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 Moon-il Lee execute this
Assignment on the 18 day of October, 2013 and such Assignor is
personally known to me to be the person described herein.

Migdy Leper
Signature of Witness

Date 10-21-13

Janet A. Stern-Berkowitz
Janet A. Stern-Berkowitz

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 F/South Wing
Melville, NY 11747 USA
Address of Witness

was personally present and did see Janet A. Stern-Berkowitz execute this
Assignment on the 21 day of OCTOBER 2013 and such Assignor is
personally known to me to be the person described herein.

[Signature]
Signature of Witness

10-22-13
Date

Nobuyuki Tamaki
Nobuyuki Tamaki

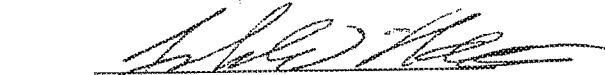
Signed at Melville, NY USA
(City and Country)

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

was personally present and did see Nobuyuki Tamaki execute this
Assignment on the 22 day of OCTOBER, 2013 and such Assignor is
personally known to me to be the person described herein.

[Signature]
Signature of Witness

10/15/2013
Date

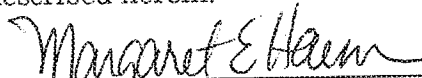

John W. Haim

Signed at BALDWIN, NY USA
(City and Country)

STATEMENT OF WITNESS: I, Margaret E Haim
Name of Witness

whose full address is: 1848 Longfellow St, Baldwin, NY
Address of Witness

was personally present and did see John W Haim execute this
Assignment on the 15 day of OCTOBER, 2013 and such Assignor is
personally known to me to be the person described herein.


Signature of Witness

November 1, 2013
Date

Pouriya Sadeghi
Pouriya Sadeghi

Signed at

Montreal, QC Canada
(City and Country)

STATEMENT OF WITNESS: I, Bonina Lazzari

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 Pouriya Sadeghi execute this Assignment on the 1 day of November, 2013 and such Assignor is personally known to me to be the person described herein.

Bonina Lazzari
Signature of Witness

Atty. Docket No. IDC-11593US02

November 1, 2013
Date

Marian Rudolf
Marian Rudolf

Signed at

Montreal, QC Canada
(City and Country)

STATEMENT OF WITNESS: I, Bonina LaZZera

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 Marian Rudolf execute this Assignment on the 1 day of November, 2013 and such Assignor is personally known to me to be the person described herein.

Bonina LaZZera
Signature of Witness

Atty. Docket No. IDC-11593US02

November 1, 2013
Date

Shahrokh
Shahrokh Nayeb Nazar

Signed at

Montreal, QC
(City and Country)

STATEMENT OF WITNESS: I, _____

Bonina Lazzari
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 Shahrokh Nayeb Nazar execute this
Assignment on the 1 day of November, 2013 and such Assignor is
personally known to me to be the person described herein.

Bonina Lazzari
Signature of Witness