

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MOON-IL LEE	02/27/2017
NOBUYUKI TAMAKI	03/24/2017
JANET A. STERN-BERKOWITZ	04/10/2017
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:	15504205
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	IDC-12270US02
NAME OF SUBMITTER:	STEVEN M. KELLNER
SIGNATURE:	/Steven M. Kellner/
DATE SIGNED:	06/05/2017
Total Attachments: 5	
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ASSIGNMENT

Whereas,

Moon-il Lee
104 Rivendell Court
Melville, New York 11747
United States of America

Nobuyuki Tamaki
6 Wendell Court
Melville, New York 11747
United States of America

Janet A. Stern-Berkowitz
41-20 Glenwood Street
Little Neck, New York 11363
United States of America

(hereafter jointly and severally referred to as the undersigned), are the inventors of

METHOD AND APPARATUS FOR SUPPORTING UPLINK
TRANSMISSION AND MBMS FOR A WTRU REDUCED BANDWIDTH

that is the subject of International Application No. PCT/US2015/045282 for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 15/504,205, filed February 15, 2017.

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.

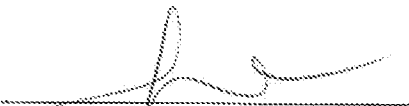
For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest in said invention 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.

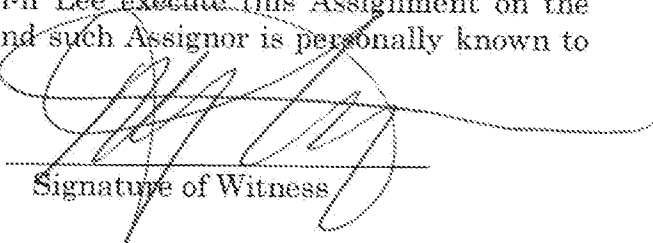
2-27-17
Date


Moon-il Lee

Signed at MELVILLE, NEW YORK USA
(City and Country)

STATEMENT OF WITNESS: I, Migaly Lopez
Name of Witness
2 HUNTINGTON QUADRANGLE
4TH FLOOR/SOUTH WING
whose full address is: MELVILLE, NY 11767 USA
Address of Witness

was personally present and did see Moon-il Lee execute this Assignment on the 27 day of February, 2017 and such Assignor is personally known to me to be the person described herein.


Signature of Witness

3-24-17
Date

Nobuyuki Tamaki
Nobuyuki Tamaki

Signed at MELVILLE, NEW YORK USA
(City and Country)

STATEMENT OF WITNESS: I, Migaly Lopez
Name of Witness
2 HUNTINGTON QUADRANGLE
4TH FLOOR/SOUTH WING
whose full address is: MELVILLE, NY 11747 USA
Address of Witness

was personally present and did see Nobuyuki Tamaki execute this Assignment on the 24 day of March, 2017 and such Assignor is personally known to me to be the person described herein.

[Signature]
Signature of Witness

4-10-17
Date

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

Signed at MELVILLE, NEW YORK USA
(City and Country)

STATEMENT OF WITNESS: I, Migaly Lopez
Name of Witness
2 HUNTINGTON QUADRANGLE
4TH FLOOR/SOUTH WING
whose full address is: MELVILLE, NY 11747 USA
Address of Witness

was personally present and did see Janet A. Stern-Berkowitz execute this Assignment on the 10 day of April, 2017 and such Assignor is personally known to me to be the person described herein.

[Signature]
Signature of Witness