PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Diana Pani	03/15/2013
Benoit Pelletier	03/15/2013
Sylvie Gomes	02/14/2013
Christopher R. Cave	03/15/2013
Fengjun Xi	03/01/2013
Joseph S. Levy	03/01/2013
Hong Zhang	07/02/2013

RECEIVING PARTY DATA

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City:	Wilmington	
State/Country:	DELAWARE	
Postal Code:	19809	

PROPERTY NUMBERS Total: 1

	Property Type	Number
Applica	tion Number:	13695118

CORRESPONDENCE DATA

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PATENT

REEL: 030848 FRAME: 0698

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ATTORNEY DOCKET NUMBER:	IDC-10617US02
NAME OF SUBMITTER:	Yong Beom Hwang
Signature:	/Yong Beom Hwang/
Date:	07/22/2013
Total Attachments: 9 source=IDC-10617US02-Executed Assignment-EFS#page1.tif source=IDC-10617US02-Executed Assignment-EFS#page2.tif source=IDC-10617US02-Executed Assignment-EFS#page3.tif source=IDC-10617US02-Executed Assignment-EFS#page4.tif source=IDC-10617US02-Executed Assignment-EFS#page5.tif source=IDC-10617US02-Executed Assignment-EFS#page6.tif source=IDC-10617US02-Executed Assignment-EFS#page7.tif source=IDC-10617US02-Executed Assignment-EFS#page8.tif source=IDC-10617US02-Executed Assignment-EFS#page9.tif	

PATENT REEL: 030848 FRAME: 0699

ASSIGNMENT

Diana Pani, residing at 730 Lusignan, Apartment 4, Montreal, Quebec H3C 1Y9, Canada, a citizen of Canada; Benoit Pelletier, residing at 11-13th Street, Roxboro, Montreal, Quebec H8Y 1L3, Canada, a citizen of Canada; Sylvie Gomes, residing at 140 Arleigh Road, Douglaston, New York 11363, the United States of America, a citizen of France; Christopher R. Cave, residing at 258 Baffin, Dollard-des-Ormeaux, Montreal, Quebec H9A 3J2, Canada, a citizen of Canada; Fengjun Xi, residing at 11 Covington Street, Huntington Station, New York 11746, the United States of America, a citizen of China; Joseph S. Levy, residing at 26 East Webster Street, Merrick, New York 11566, the United States of America, a citizen of the United States of America; and Hong Zhang, residing at 5 Nutley Drive, Manalapan, New Jersey 07726, the United States of America, a citizen of China (hereafter jointly and severally referred to as the undersigned), are the inventors of

METHOD FOR MULTIPLEXING DATA FOR MULTIPLE WIRELESS TRANSMIT/RECEIVE UNITS FOR HIGH SPEED DOWNLINK CHANNELS

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 13/695,118, filed May 2, 2011.

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

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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.

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Atty. Docket No. IDC-10617US02	/
March 15 2013 Date	Diana Pani
Signed at (City and Country)	(X Canad
STATEMENT OF WITNESS: I,	By 100 (0.27ACA 000 Sher Name of Witness 10th Floor
whose full address is:	Address of Witness
was personally present and did see Assignment on the day of	execute this excribed herein.
	Signature of Witness

Atty. Docket No. IDC-10617US02	
Date /	Benoît Pelletier
Signed at (City and Country)	Lo Const
STATEMENT OF WITNESS: I,	Portos La 27ACA Name of Witness 1000 Sherbrooke St. West, 10th Floor
whose full address is:	MTL, GC Canada H3A 3G4 Address of Witness
was personally present and did see Assignment on the \(\sqrt{} \) day of \(\sqrt{\cdot{\chi}} \) personally known to me to be the person defined as the person defined	WCh, 2013 and such Assignor is
	Signature of Witness

02/14/2013 Date	Sylvie Gomes
Signed at City a	uglaston USA nd Country)
STATEMENT OF WIT	NESS: I, José Gyes Name of Witness
whose full address is:	142 ARIGINA RAO, DOKELASTIN NY 11367 Address of Witness
was personally presen Assignment on the 14 personally known to me	at and did see Syme Couse execute this day of feloward, 2013 and such Assignor is to be the person described herein. Signature of Witness

Atty. Docket No. IDC-10617US02	
1000 15 2013 Date	Christopher R. Cave
Signed at (City and Country)	\$((and-
STATEMENT OF WITNESS: I,	Name of Witness
whose full address is:	1000 Sherbrooke St. West, 10th Floor MTL, QC Canada H3A 3G4 Address of Witness
was personally present and did see Assignment on the day of	chistopor Coul execute this chistopor is scribed herein.
	Signature of Witness

3-1-13	Je College
	Formh S I over
Signed at (City and Country)	e M USA
STATEMENT OF WITNESS: I, _	
whose full address is:	2 (Australizer Quadrangle, 4th Fl/South Wing Melville, NY 11747 USA
	Address of Witness
was personally present and did Assignment on the \sumbellet day of _ personally known to me to be the per	execute this May 2018 and such Assignor is roon described herein. Signature of Witness

7/2/2013	200
Date	Hong Zhang
Signed at Old Brief. (City and Country)	e, H
STATEMENT OF WITNESS: I,	Yan Li
104	Classic Way, Worganville, NJ
whose full address is:	07751
	Address of Witness
was personally present and did Assignment on the <u>And</u> day of personally known to me to be the personal	see Hong Zhang execute this January 2013 and such Assignor is on described herein.
	Signature of Witness

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RECORDED: 07/22/2013

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