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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

Version V1.2

EPAS ID: PAT3676145

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AFSHIN HAGHIGHAT	05/03/2013
PATRICK J. TOOHER	05/03/2013
PAUL MARINIER	05/03/2013
DIANA PANI	05/03/2013
LUJING CAI	04/29/2013
SHAHROKH NAYEB NAZAR	05/03/2013

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13751111

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NAME OF SUBMITTER:	TARA FROMM
SIGNATURE:	/Tara Fromm/
DATE SIGNED:	12/30/2015

503629515 PATENT REEL: 037381 FRAME: 0733

Total Attachments: 8 source=ILTE_11276US02_executed_Assignment#page1.tif source=ILTE_11276US02_executed_Assignment#page2.tif source=ILTE_11276US02_executed_Assignment#page3.tif source=ILTE_11276US02_executed_Assignment#page4.tif source=ILTE_11276US02_executed_Assignment#page5.tif source=ILTE_11276US02_executed_Assignment#page6.tif source=ILTE_11276US02_executed_Assignment#page7.tif source=ILTE_11276US02_executed_Assignment#page8.tif

PATENT REEL: 037381 FRAME: 0734

ASSIGNMENT

WHEREAS, we Afshin Haghighat, residing at 407 Heron-Vert, Re-Bizard, Quebec H9C 3A7 Canada; J. Patrick Tooher, residing at 1200 Pauline-Julien, unit 35, Montreal Quebec H2A 0A2 Canada; Paul Marinier, residing at 1805 Stravinski, Brossard, Quebec J4X 2J7 Canada, Diana Paul, residing at 730 Lusignan, Apt. 4, Montreal Quebec H3C 1Y9 Canada, Lujing Cai, residing at 517 Imbrie Place, Morganville, NJ 07551 US; and Shahrokh Nayeb Nazar, residing at 50 Du Mont-Saint-Bruno Av, Sainte-Julie, Quebec J3E 2Z9 Canada, 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. 13/751,111, filed January 27, 2013, entitled SYSTEMS AND/OR METHODS FOR MANAGING OR IMPROVING INTERFERENCE BETWEEN CELLS; and

WHEREAS, InterDigital Patent Holdings, Inc., hereinafter referred to as the ASSIGNEE, of 200 Believue 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.

<u>1003,300</u> Date 5	Afshin Haghighat Afshin Haghighat
	real, Oc Conada
STATEMENT OF WITNESS: I,	Name of Witness
whose full address is:	1000 Sherbrooke St. West, 10th Floor <u>MTL. QC. Canada H3A 3G4</u> Address of Witness
was personally present and did see day of, 201 described herein	3 and such Assignor is personally known to me to be the person

<u> </u>		//	(L.S.)	
Date Date	J./	Patrick Toohe		
Signed at	Mode	z = 0	Canado	
	(City and Country))		
STATEMENT OF	WITNESS: I,		Ponna (a 2200)	
whose full address	is:		Name of Witness Sherbrooke St. West, 10th Floor ATL, GC Canada H3A 3G4 Address of Witness	~ -
was personally pre day of <u>Vara</u> described herein.	sent and did see	such Assignor	execute this Assignment on the is personally known to me to be the mature of Witness	person

1703 3,200	Que (4.s.)
Date ()	Paul Marinier
Signed at	ountry)
(Lity and Ut	rintry)
STATEMENT OF WITNESS	: I,
whose full address is:	1000 Sherbrooke St. West, 10th Floor MTL, QC Canada H3A 3G4
	Address of Witness
was personally present and did day of	see 10.0 10.0 execute this Assignment on the 2013 and such Assignor is personally known to me to be the person
described herein.	Signature of Witness
	Signature of Witness 💛 🐧 🗸

	6h. 1	
<u>MGG 3, 2013</u> Date	<u> </u>	(L.S.)
Date 💙	Diang Pani	
Signed at	<u>antela DC Canac</u>	<u>Les</u>
(City and C	ountry)	·
STATEMENT OF WITNESS	: L Boot	na loi22ARA
whose full address is:	Name of V 1000 Sherbrooke St. MTL, QC Canac	Aimess West, 10th Floor
	Address of W	
was personally present and did day of ASS	see <u>load Pani</u> execute, 2013 and such Assignor is personally	e this Assignment on the known to me to be the person
		ness (A)
	Signature of Wit	ness y

DOCKET NO.: ILTE_11276U APPLICATION NO.: 13/751,1		
29-98N-2013	(L.S.)	
Date	Lujing Cai	
781 Third Aven	iue, King of Prussia, PA 19406 USA	
(City and Country)		
STATEMENT OF WITNESS: 1,	Wilma 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 day of <u>(April)</u> , 20 described herein.	Linguish Can execute this Assignment on the 2900 13 and such Assignor is personally known to me to be the person	
	Willia Marley	
	Signature of Witness	

na 2203	Lakerel (L.S.)	
<u>1923,303</u> Date J	Shahrokh Nayeb Nazar	
Signed at (City and Countr	ical DC Conada	
STATEMENT OF WITNESS: 1,	Powing (027/2/2) 1000 Sheltweek Wirwest, 10th Floor MTL, QC Canada H3A 3G4	
whose full address is:	Address of Witness	-
was personally present and did see day of, 201 described herein.	3 and such Assignor is personally known to me to be the personal Signature of Witness	 OII
	Signature of Witness	

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