

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHAHROKH NAYEB NAZAR	09/12/2014
AFSHIN HAGHIGHAT	09/30/2014
LUJING CAI	02/27/2015
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:	14199642
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	ILTE_11460US02
NAME OF SUBMITTER:	DIANA COOK
SIGNATURE:	/Diana Cook/
DATE SIGNED:	04/27/2015
Total Attachments: 5	
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APPLICATION NO.: 14/199,642

ASSIGNMENT

WHEREAS, we Shahrokh Nayeb Nazar, residing at 3489 Overpark Rd., San Diego, CA 92130, US ; Afshin Haghighat, residing at 407 Heron-Vert, Ile-Bizard, Quebec, H9C 3A7, CA ; and Lujing Cai, residing at 517 Imbrie Place, Morganville, NJ 07751, US , 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. 14/199,642, filed March 6, 2014, entitled INTERFERENCE MANAGEMENT AND INTERFERENCE ALIGNMENT IN WIRELESS NETWORKS; and

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

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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.

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Sept 12th, 2014
Date Shahrokh Nayeb Nazar (L.S.)

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

STATEMENT OF WITNESS: I, Julie McDonough
Name of Witness
9710 Scranton Road, #250
whose full address is: San Diego, CA 92121, USA
Address of Witness

was personally present and did see Shahrokh Nayeb Nazar execute this Assignment on the 12th
day of September, 2014 and such Assignor is personally known to me to be the person
described herein.

Julie McDonough
Signature of Witness

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September 30, 2014
Date Afshin Haghighat (A.S.)
Afshin Haghighat

Signed at Montreal, QC Canada
(City and Country)

STATEMENT OF WITNESS: I, Bonnie Lazzari
1000 Sherbrooke Street West, 11th Floor
Name of Witness MTL, QC Canada H3A 8C1

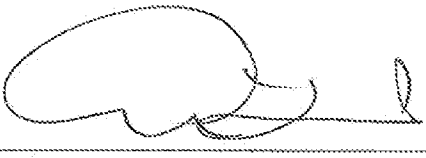
whose full address is: _____
Address of Witness

was personally present and did see Afshin Haghighat execute this Assignment on the 30
day of September, 2014 and such Assignor is personally known to me to be the person
described herein.

Bonnie Lazzari
Signature of Witness

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2/27/2015
Date



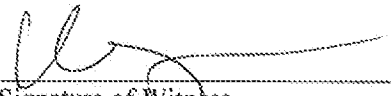
Lujing Cai (L.S.)

Signed at ~~517 Imbrie~~ Morganville, NJ, USA
(City and Country)

STATEMENT OF WITNESS: I, Weili Wang
Name of Witness

whose full address is: 517 Imbrie Place, Morganville, NJ 07751
Address of Witness

was personally present and did see Lujing Cai execute this Assignment on the 27
day of Feb, 2015 and such Assignor is personally known to me to be the person
described herein.



Signature of Witness