502138870 11/26/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yi SONG	10/18/2012
Zhijun CAI	10/27/2012

RECEIVING PARTY DATA

Name:	Research In Motion Corporation	
Street Address:	The Corporation Trust Center, 1209 Orange St.	
City:	Wilmington	
State/Country:	DELAWARE	
Postal Code:	19801	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13627647

CORRESPONDENCE DATA

9728698038 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 972-584-3052 Email: bsparkman@rim.com Correspondent Name: **Beverly Sparkman** Address Line 1: 5000 Riverside Drive

Address Line 2: Brazos East, Bldg. 6, Suite 100

Address Line 4: Irving, TEXAS 75039

ATTORNEY DOCKET NUMBER: 45803-4-US-PAT

NAME OF SUBMITTER: Beverly Sparkman

Total Attachments: 8

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REEL: 029349 FRAME: 0049

PATENT

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> PATENT REEL: 029349 FRAME: 0050

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)"):

Yi SONG, 5000 Riverside Drive, Brazos East, Suite 100, Ext. 63457, Irving, TX 75039, USA Zhijun CAI, 5000 Riverside Drive, Brazos East, Suite 100, Ext. 63775, Irving, TX 75039, USA

am an/are inventor(s) of an invention entitled TRANSMIT POWER ADJUSTMENT FOR INTER-DEVICE COMMUNICATION IN WIRELESS COMMUNICATION SYSTEMS ("Invention") for which one or more applications for patent, design registration, utility model registration, or other form of protection, rights, or title have been or will be made in certain countries ("Applications"), as further described below:

US, Application Number 13	3/627,647 Filed September 26, 20	2
PCT, Application Number	, Filed	

AND WHEREAS, RESEARCH IN MOTION CORPORATION, (bereinafter referred to as the "ASSIGNEE"), a company organized under the laws of the State of Delaware, U.S.A., having a place of business at The Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware, 19801, U.S.A., is desirous of acquiring the full and exclusive right, title and interest in and to said Invention, said Applications inclusive of all ancillary rights relating thereto, any and all priority rights derived from said Applications, and all patents, design registrations, utility model registrations and other forms of protection, rights and titles relating to said Invention, in any country or countries and in respect of the whole or any part or parts of or improvements to the Invention;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR(S) does/do hereby confirm that ASSIGNOR(S) has/have transferred, conveyed and assigned, and by way of further assurance does/do hereby transfer, convey and assign, any and all of ASSIGNOR(S)'s respective rights, title and interest in and to: the Invention; the Applications; inclusive of any and all priority rights, including the right to claim priority, derived from the Applications; any further applications for patent, design registration, utility model registration or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Invention in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Invention; the right in and to any patent or reissue patent relating to the Applications, Further Applications and Divisionals ("Grants");

and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid invention, Applications, Grants, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this Worldwide Assignment; with the intent that the Invention, Applications, Grants, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNOR(8) does/do hereby agree, upon request, to provide assistance and to execute any and all further documents, at the expense of ASSIGNEE and/or its successors and assigns (as applicable), which may be necessary or desirable to enable ASSIGNEE, and/or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Invention, Applications, Further Applications, Divisionals, Grants and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNOR(8) further agrees/agree to execute, upon request and at the expense of ASSIGNEE and/or its successors and assigns (as applicable), any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

ASSIGNOR(S) does/do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS WORLDWIDE ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon ASSIGNOR(S) and their successors and permitted assigns.

DELIVERY of this Worldwide Assignment by copy, however transmitted, constitutes valid and effective delivery. This Worldwide Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

IN WITNESS WHEREOF, this undersigned:	s Worldwide Assignment has been executed below by the
<u>y</u> Ç	Date: Oct. 18, 2012
VI SONG 5000 Riverside Drive, Brazos East Suite 100, Ext. 63457 Irving, TX 75039 USA	
STA	TEMENT BY WITNESS
L MAM NGUYS	EN
<u> 2029 BAYVIE</u>	NOR VENINGTX 750 & O Address of Witness)
	esent and did see the above named person, personally he Worldwide Assignment, duly sign and execute same.
(Signature of Witness)	Date: 10(18 (20)2

Page 3 of 4

IN WITNESS WHEREOF, this Worldwide Assignment has undersigned:	been executed below by the
Date: Zhijun CAI 5000 Riverside Drive, Brazos East Suite 100, Ext. 63775 Irving, TX 75039 USA	
STATEMENT BY WITNE	
(Address of Witness)	whose full Post Office address is
hereby declare that I was personally present and did see the a known to me to be a person named in the Worldwide Assign	hove named person, personally ment, duly sign and execute same.
(Signature of Witness)	

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WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)"):

Yi SONG, 5000 Riverside Drive, Brazos East, Suite 100, Ext. 63457, Irving, TX 75039, USA Zhijun CAI, 5000 Riverside Drive, Brazos East, Suite 100, Ext. 63775, Irving, TX 75039, USA

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US, Application Number 13/627,64	7 Filed September 26, 2012
PCT, Application Number	, Filed

AND WHEREAS, RESEARCH IN MOTION CORPORATION, (hereinafter referred to as the "ASSIGNEE"), a company organized under the laws of the State of Delaware, U.S.A., having a place of business at The Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware, 19801, U.S.A., is desirous of acquiring the full and exclusive right, title and interest in and to said Invention, said Applications inclusive of all ancillary rights relating thereto, any and all priority rights derived from said Applications, and all patents, design registrations, utility model registrations and other forms of protection, rights and titles relating to said Invention, in any country or countries and in respect of the whole or any part or parts of or improvements to the Invention;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR(S) does/do hereby confirm that ASSIGNOR(S) has/have transferred, conveyed and assigned, and by way of further assurance does/do hereby transfer, convey and assign, any and all of ASSIGNOR(S)'s respective rights, title and interest in and to: the Invention; the Applications; inclusive of any and all priority rights, including the right to claim priority, derived from the Applications; any further applications for patent, design registration, utility model registration or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Invention in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Invention; the right in and to any patent or reissue patent relating to the Applications, Further Applications and Divisionals ("Grants");

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and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Invention, Applications, Grants, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this Worldwide Assignment; with the intent that the Invention, Applications, Grants, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

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IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date:
Yi SONG 5000 Riverside Drive, Brazos East Suite 100, Ext. 63457 Irving, TX 75039 USA
STATEMENT BY WITNESS
I,, whose full Post Office address is
(Address of Witness)
hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.
(Signature of Witness)

Date: Oct = 27/2012

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Zhijun CAI

5000 Riverside Drive, Brazos East

Suite 100, Ext. 63775 Irving, TX 75039

USA

STATEMENT BY WITNESS

I, John C Con/LEY , whose full Post Office address is

2555 Centreville Rel Heradon VA 20171 (Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

(Signature of Witness)

RECORDED: 11/26/2012

Date: $\frac{10/27/12}{}$

: 4 of 4 V6.0

PATENT REEL: 029349 FRAME: 0058