

Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 03/31/2012)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Hua Xu
Youn Hyoung Heo
Mark Earnshaw
Mo-Han Fong

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 11/8/10; 10/28/10; 10/14/10; 11/10/10

☐ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☒ Other Corrective Assignment to remove inventor

2. Name and address of receiving party(ies)

Name: Research In Motion Limited

Internal Address: _____

Street Address: 295 Phillip Street

City: Waterloo, ON

State: _____

Country: CANADA

Zip: N2L 3W8

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

12/860,624

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Hamilton & Terrile

Internal Address: Suite 3150

Street Address: 8911 N. Capital of Texas Hwy.

City: Austin

State: TX

Zip: 78759

Phone Number: 512-338-9100

Fax Number: 512-345-7225

Email Address: tmunoz@hamiltontertile.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 502264

Authorized User Name Stephen A. Terrile

9. Signature:

/Stephen A. Terrile/
Signature

June 27, 2011
Date

Stephen A. Terrile

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

14

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1



SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hua XU	11/08/2010
Youn Hyoung HEO	10/28/2010
Mark EARNSHAW	10/14/2010
Mo-Han FONG	11/10/2010
Robert Mark HARRISON	10/18/2010

RECEIVING PARTY DATA

Name:	RESEARCH IN MOTION LIMITED
Street Address:	295 Phillip Street
City:	Waterloo, Ontario
State/Country:	CANADA
Postal Code:	N2L 3W8

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12860624

CORRESPONDENCE DATA

Fax Number: (312)715-5155

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

Email: laurin.smith@quarles.com

Correspondent Name: Edward M. Roney

Address Line 1: 300 North LaSalle Street

Address Line 2: Suite 4000

Address Line 4: Chicago, ILLINOIS 60654

ATTORNEY DOCKET NUMBER:

36296-US-PAT;127953.00361

NAME OF SUBMITTER:

Edward M. Roney

CH 12860624 \$40.00

Total Attachments: 7

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RIM Family Ref. No.: 36296-US-PAT
Attorney Reference No. 127953.00361

WORLDWIDE ASSIGNMENT

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

Hua Xu - 13712 - 4000 Innovation Drive, Kanata, Ontario, CA K2K 3K1

Youn Hyoung Heo - 78357 - 176 Columbia St. W., Waterloo, ON, CA N2L 3L3

Mark Earnshaw - 13208 - 450 March Road, Kanata, Ontario, CA K2K 3K2

Mo-Han Fong - 13750 - 4000 Innovation Drive, Kanata, Ontario, CA K2K 3K1

Robert Mark Harrison - 13455 - 5000 Riverside Drive, Building 4, Irving, Texas,
75039 US

have invented a **TRANSMISSION OF INFORMATION IN A WIRELESS COMMUNICATION SYSTEM** ("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:

U.S. Application No. 61/235,997, filed August 21, 2009;

U.S. Application No. 12/860,624, filed August 20, 2010;

AND WHEREAS, **RESEARCH IN MOTION LIMITED**, (hereinafter referred to as the "ASSIGNEE"), a company organized under the laws of the Province of Ontario, Canada, having a place of business at 295 Phillip Street, Waterloo, Ontario, N2L 3W8, Canada, 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; 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

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Attorney Reference No. 127953.00361

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(S) 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(S) 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.

RIM Family Ref. No.: 36296-US-PAT
Attorney Reference No. 127953.00361

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

Date: Nov 8, 2010



Hua Xi
13712-4000 Innovation Drive
Kanata, Ontario, CA K2K 3K1

STATEMENT BY WITNESS

I, QIN JI, whose full Post Office address is

179 Thornbury Cres. Ottawa Canada
(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

Date: Nov 8, 2010

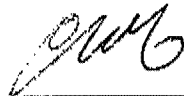


(Signature of Witness)

RIM Family Ref. No.: 36296-US-PAT
Attorney Reference No. 127953.00361

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

Date: October 28, 2010



Youn Hyoung Heo
78357 - 176 Columbia St. W.,
Waterloo, ON, CA N2L 3L3

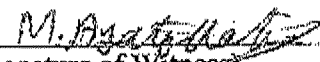
STATEMENT BY WITNESS

I, Mina Ayatollahi, whose full Post Office address is

714 Brockmill place, Waterloo, ON N2L 2P1
(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.

Date: Oct 28, 2010



(Signature of Witness)

RIM Family Ref. No.: 36296-US-PAT
Attorney Reference No. 127953.00361

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

Date: Oct 14/2010

Mark Earnshaw

Mark Earnshaw
13208 - 450 March Road
Kanata, Ontario, CA K2K 3K2

STATEMENT BY WITNESS

I, Daniel Badiene, whose full Post Office address is

329 Athlone Ave., Ottawa, Ontario
(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.

Date: Oct. 14, 2010

Badiene

(Signature of Witness)

RIM Family Ref. No.: 36296-US-PAT
Attorney Reference No. 127953.00361

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

Date: Nov 10, 2010




Mo-Han Fong
13750 - 4000 Innovation Drive
Kanata, Ontario, CA K2K 3K1

STATEMENT BY WITNESS

I, Hao Xue, whose full Post Office address is
4000 INNOVATION DRIVE, KANATA, ONTARIO, CA K2K 3K1
(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.

Date: Nov 10, 2010



(Signature of Witness)

RIM Family Ref. No.: 36296-US-PAT
Attorney Reference No. 127953.00361

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

Date: 10/18/10

Robert Mark Harrison

Robert Mark Harrison
13455 - 5000 Riverside Drive, Building 4
Irving, Texas 75039 US

STATEMENT BY WITNESS

I, Cathy Cox, whose full Post Office address is

5000 Riverside Dr., Irving, TX 75039
(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.

Date: 10/18/2010

Cathy Cox
(Signature of Witness)

AM