

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT						
NATURE OF CONVEYANCE:	Corrective Assignment to correct the assignment previously recorded under Reel and Frame 025108/0812, to exclude a superfluous page (page 5 of each Assignment) previously recorded on Reel 025108 Frame 0812. Assignor(s) hereby confirms the The Assignment of US Application 12/821,960, from Zhijun Cai and Jun Li to Research In Motion Corporation.						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Zhijun Cai</td> <td>12/13/2011</td> </tr> <tr> <td>Jun Li</td> <td>12/15/2011</td> </tr> </tbody> </table>		Name	Execution Date	Zhijun Cai	12/13/2011	Jun Li	12/15/2011
Name	Execution Date						
Zhijun Cai	12/13/2011						
Jun Li	12/15/2011						
RECEIVING PARTY DATA							
Name:	RESEARCH IN MOTION CORPORATION						
Street Address:	The Corporation Trust Center						
Internal Address:	1209 Orange Street						
City:	Wilmington						
State/Country:	DELAWARE						
Postal Code:	19801						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12821960</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12821960		
Property Type	Number						
Application Number:	12821960						
CORRESPONDENCE DATA							
Fax Number:	(312)580-9696						
Phone:	312-580-1020						
Email:	mzimmerman@hfzlaw.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	Hanley, Flight & Zimmerman, LLC.						
Address Line 1:	150 S. Wacker Drive, Suite 2100						
Address Line 4:	Chicago, ILLINOIS 60606						
ATTORNEY DOCKET NUMBER:	35898-US-PAT						

NAME OF SUBMITTER:

Mark C. Zimmerman

Total Attachments: 18

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source=35898USPAT CORP Li_Original Submission#page5.tif

WORLDWIDE ASSIGNMENT

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

Zhijun Cai, 5000 Riverside Drive, Ext. 63775, Bldg 6, Brazos East, Irving, Texas 75039, US

Jun Li, 5000 Riverside Drive, Ext. 63443, Bldg 6, Brazos East, Irving, Texas 75039, US

has/have invented a **METHODS AND APPARATUS TO PERFORM ANTENNA MANAGEMENT** ("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 61/220,039, filed June 24, 2009

US, Application number 12/821,960, filed June 23, 2010

WO, Application number PCT/US10/39670, filed June 23, 2010

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; 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(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.

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

Date: Dec. 13 / 2011




Zhijun Cai
5000 Riverside Drive, Ext. 63775
Bldg 6, Brazos East, Irving, Texas 75039, US

STATEMENT BY WITNESS

I, Rene Purnadi, whose full Post Office address is
5000 Riverside Drive, Irving, TX 75039 USA
(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: 12 / 13 / 2011



(Signature of Witness)

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

Date: _____

Jun Li
5000 Riverside Drive, Ext. 63443
Bldg 6, Brazos East, Irving, Texas 75039, US

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.

Date: _____

(Signature of Witness)

WORLDWIDE ASSIGNMENT

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

Zhijun Cai, 5000 Riverside Drive, Ext. 63775, Bldg 6, Brazos East, Irving, Texas 75039, US
Jun Li, 5000 Riverside Drive, Ext. 63443, Bldg 6, Brazos East, Irving, Texas 75039, US

has/have invented a **METHODS AND APPARATUS TO PERFORM ANTENNA MANAGEMENT** ("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 61/220,039, filed June 24, 2009

US, Application number 12/821,960, filed June 23, 2010

WO, Application number PCT/US10/39670, filed June 23, 2010

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; 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(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.

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

Date: _____

Zhijun Cai

5000 Riverside Drive, Ext. 63775

Bldg 6, Brazos East, Irving, Texas 75039, US

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.

Date: _____

(Signature of Witness)

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

Date: 12/15/2011



Jun Li

5000 Riverside Drive, Ext. 63443
Bldg 6, Brazos East, Irving, Texas 75039, US

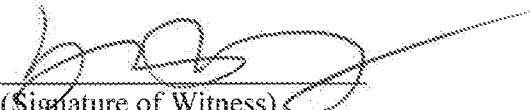
STATEMENT BY WITNESS

I, YIPING WANG, 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: 12/15/2011



(Signature of Witness)

USPTO 10/7/2010 09:30:00 PM PAGE 1/000 P&A 001981
 TO: HANLEY, FLIGHT & ZIMMERMAN, LLC. COMPANY: 150 S. WACKER DRIVE, SUITE 2100

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

**10/07/2010
 501314148**

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Zhijun Cai	09/03/2010
Jun Li	10/05/2010
RECEIVING PARTY DATA	
Name:	RESEARCH IN MOTION CORPORATION
Street Address:	1209 Orange Street
Internal Address:	The Corporation Trust Center
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19801
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	12821980
Application Number:	81220039
CORRESPONDENCE DATA	
Fax Number:	(312)580-9696
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	312-580-1020
Email:	mzimmerman@hfzlaw.com
Correspondent Name:	Hanley, Flight & Zimmerman, LLC.
Address Line 1:	150 S. Wacker Drive, Suite 2100
Address Line 4:	Chicago, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	35898-US-PRV AND PAT
NAME OF SUBMITTER:	Mark C. Zimmerman
Total Attachments: 8 source=35898USPAT CORP Cai_Assignment#page1.tif	

CP \$60.00 12821980

USPTO

10/27/2010 9:40:30 PM PAGE 07000 P&A DELIVER

TO: HANLEY, FLIGHT & ZIMMERMAN, LLC. COMPANY: 150 S. WACKER DRIVE, SUITE 2100

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source=35898USPAT CORP LI_Assignment#page5.tif

WORLDWIDE ASSIGNMENT

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Zhijun Cai, 63775-5000 Riverside Drive, Bldg 6, Brazos East, Irving, Texas 75039, US

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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 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

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

Date: Sep. 3/2010



Zhijun Cai
63775-5000 Riverside Drive
Bldg 6, Brazos East, Irving, Texas 75039, US

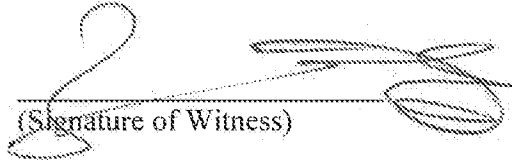
STATEMENT BY WITNESS

I, Kiaoming Zhao , whose full Post Office address is
 5000 Riverside Drive, Bldg C, Brazos East

(Address of Witness) Irving TX, 75039 US

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: 9-3-2010



(Signature of Witness)

WORLDWIDE ASSIGNMENT

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

Zhijun Cai, 63775-5000 Riverside Drive, Bldg 6, Brazos East, Irving, Texas 75039, US

Jun Li, 63443-5000 Riverside Drive, Bldg 6, Brazos East, Irving, Texas 75039, US

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

Date: _____

Zhijun Cai
63775-5000 Riverside Drive
Bldg 6, Brazos East, Irving, Texas 75039, US

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.

Date: _____

(Signature of Witness)

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

Date: 10/5/2010



Jun Li

63443-5000 Riverside Drive

Bldg 6, Brazos East, Irving, Texas 75039, US


STATEMENT BY WITNESS

I, Changhoi Koo, whose full Post Office address is

5000 Riverside Dr. Bldg 6. Brazos E. Irving TX 75039 U.S
(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: 10/5/2010



(Signature of Witness)

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

Date: _____

INVENTOR 3 NAME
ADDRESS

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.

Date: _____

(Signature of Witness)