

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mo-Han Fong</td> <td>04/01/2010</td> </tr> <tr> <td>Dongsheng Yu</td> <td>04/01/2010</td> </tr> <tr> <td>Hua Xu</td> <td>04/06/2010</td> </tr> <tr> <td>Robert Novak</td> <td>04/14/2010</td> </tr> <tr> <td>Shiguang Guo</td> <td>04/01/2010</td> </tr> <tr> <td>Youn Hyoung Heo</td> <td>04/01/2010</td> </tr> </tbody> </table>		Name	Execution Date	Mo-Han Fong	04/01/2010	Dongsheng Yu	04/01/2010	Hua Xu	04/06/2010	Robert Novak	04/14/2010	Shiguang Guo	04/01/2010	Youn Hyoung Heo	04/01/2010
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Robert Novak	04/14/2010														
Shiguang Guo	04/01/2010														
Youn Hyoung Heo	04/01/2010														
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															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12705491</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12705491										
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Application Number:	12705491														
CORRESPONDENCE DATA															
Fax Number:	(414)978-8695														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	414-277-1693														
Email:	bbehling@quarles.com														
Correspondent Name:	Quarles & Brady LLP														
Address Line 1:	411 East Wisconsin Avenue														
Address Line 2:	Elizabeth K. Behling														
Address Line 4:	Milwaukee, WISCONSIN 53202														
NAME OF SUBMITTER:	Elizabeth K. Behling														

CH \$40.00 12705491

Total Attachments: 8

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WORLDWIDE ASSIGNMENT

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

Mo-Han Fong - 13750 - 95 Beech Street, Ottawa, ON, Canada

Dongsheng Yu - 13754 - 4000 Innovation Dr., Kanata, ON, K2K 3K1, Canada

Hua Xu - 13712 - 4000 Innovation Dr., Kanata, ON, K2K 3K1, Canada

Robert Novak - 13758 - 4000 Innovation Dr., Kanata, ON, K2K 3K1, Canada

Shiguang Guo - 12341 - 4000 Innovation Dr., Kanata, ON, K2K 3K1, Canada

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

have invented a **REFERENCE SIGNAL FOR A COORDINATED MULTI-POINT NETWORK IMPLEMENTATION** ("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:

USA, Application No. 12/705,491, Filed February 12, 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, ASSIGNORS do hereby confirm that ASSIGNORS have transferred, conveyed and assigned, and by way of further assurance do hereby

transfer, convey and assign, any and all of ASSIGNORS 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.

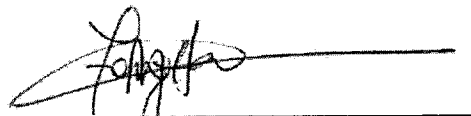
ASSIGNORS do hereby agree, upon request, to provide assistance and to execute any and all further documents, at the expense of ASSIGNEE and/or its successors and assigns (as applicable), which may be necessary or desirable to enable ASSIGNEE, and/or its successors and assigns (as applicable), to file, 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 ASSIGNORS 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.

ASSIGNORS 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.

ASSIGNORS 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.

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

Date: April 1, 2010



Mo-Han Feng
13750 - 95 Beech Street . APT 205
Ottawa, ON, Canada

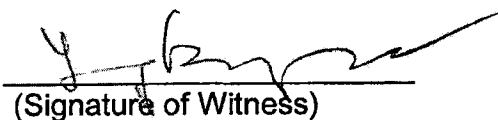
STATEMENT BY WITNESS

I, Xiongfang Jia, whose full Post Office address is

4000 Innovation Dr. Ottawa, On. 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: April 1, 2010

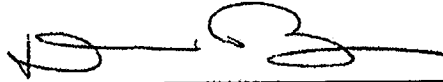


(Signature of Witness)

RIM Family Ref. No.: RIM 37421-US-PAT

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

Date: APRIL 1, 2010



Dongsheng Yu
13754 - 4000 Innovation Dr.
Kanata, ON, K2K 3K1
Canada

STATEMENT BY WITNESS

I, JAVID STEER, whose full Post Office address is

10 CENTRESS CRT NEPEAN ONT K2H8Z6
(Address of Witness)

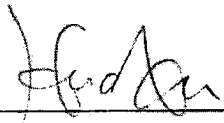
hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: APRIL 1 2010


(Signature of Witness)

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

Date: April 6, 2010



Hua Xu
13712 - 4000 Innovation Dr.
Kanata, ON, K2K 3K1
Canada


STATEMENT BY WITNESS

I, Xiongfang Jia, whose full Post Office
address is _____,

4000 Innovation Drive, Kanata, Ont. 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.

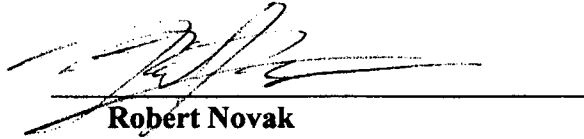
Date: April 6, 2010



(Signature of Witness)

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

Date: April 14, 2010



Robert Novak
13758 - 4000 Innovation Dr.
Kanata, ON, K2K 3K1
Canada

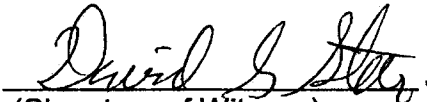
STATEMENT BY WITNESS

I, DAVID STEER, whose full Post Office address is

4000 Innovation Drive Kanata ON 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.

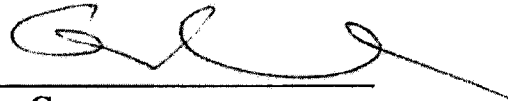
Date: 14 April 2010



(Signature of Witness)

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

Date: April 1, 2010



Shiguang Guo
12341 - 4000 Innovation Dr.
Kanata, ON, K2K 3K1
Canada

STATEMENT BY WITNESS

I, Xiongkang Jia, whose full Post Office address is

4000 Innovation Dr. Ottawa, On. 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.

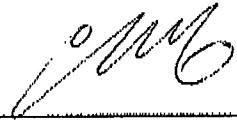
Date: April 1, 2010


(Signature of Witness)

RIM Family Ref. No.: RIM 37421-US-PAT

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

Date: April 1, 2010



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

STATEMENT BY WITNESS

I, LEBRA WILSON, whose full Post Office address is

176 COLUMBIA ST WEST, WATERLOO, ON N2L 3L3
(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: April 1, 2010


(Signature of Witness)