

05-09-2005

U.S. Department of COMMERCE
United States Patent and Trademark Office



102997387

To the Director of the U.S. Patents and Trademark Office

Documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Wen-Yen Chan
Xin Jin
Qingzhong Jiao
Nasserullah Khan

Execution Date(s) April 26 and 27, 2005

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Research in Motion Limited

Internal Address: _____

Street Address: 295 Phillip Street

City: Waterloo

State: Ontario

Country: Canada Zip: N2L 3W8

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

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: Bereskin & Parr

Internal Address: _____

Street Address: 40 King Street West

City: Toronto

Prov: ON PC: M5H 3Y2 CANADA

Phone Number: (416) 364-7311

Fax Number: (416) 361-1398

Email Address: torsi@bereskinparr.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed (cheque No. _____)
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 02-2095

Authorized User Name _____

9. Signature :

Tony R. Orsi
Signature

April 28, 2005
Date

Tony R. Orsi, Reg. No. 55,831

Total number of pages including cover sheet, attachments, and documents 8

Name of Person Signing

B&P File No #13210-115

05/06/2005 STON11 00000240 022095 11116233

01 FD:6021

40.00 BA

1. Name of conveying party(ies)/Execution Date(s):
Nagula Tharma Sangary

Execution Date(s) April 26 and 27, 2005

WORLDWIDE ASSIGNMENT

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

WEN-YEN M. CHAN, 38 Edgecroft Trail, Thornhill, Ontario, L4J 6N6, CANADA;
XIN JIN, 508-1129 Meadowlands Drive, Ottawa, Ontario, K2E 6J6, CANADA;
QINGZHONG JIAO, 37 Oberon Street, Nepean, Ontario, K2H 7X6, CANADA;
NASSERULLAH KHAN, 248 Old Abbey Rd., Waterloo, Ontario, N2K 2W6, CANADA;

and

NAGULA THARMA SANGARY, 520 Buckingham Blvd., Waterloo, Ontario, N2T 2T9,
CANADA

have invented certain new and useful improvements in an invention entitled **METHOD AND APPARATUS FOR PRECISE OPEN LOOP TUNING OF REFERENCE FREQUENCY WITHIN A WIRELESS DEVICE** for which an application for United States Letters Patent will be filed, and as further identified by Docket No. 13210-115 and RIM Reference No. 12605-US-PAT; and

WHEREAS, **RESEARCH IN MOTION LIMITED**, (hereinafter referred to as the "ASSIGNEE"), a corporation organized under the laws of the Province of Ontario, CANADA, having a place of business at 295 Phillip Street, Waterloo, Ontario, CANADA, N2L 3W8, is desirous of acquiring the full and exclusive right, title and interest in and to said application inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters Patent, both United States and foreign, to be granted for said inventions;

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, WE, ASSIGNORS do hereby confirm sale, assignment, transfer, and set over, and hereby sell, assign, transfer, and set over unto the ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in and to the aforesaid application for United States Letters Patent inclusive of any and all priority rights derived therefrom, and the inventions therein disclosed, and in and to all Letters Patent and issues thereof which may be granted upon said application and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all Letters Patent which may be granted for said inventions in any foreign country or countries; the same to be held and enjoyed by the ASSIGNEE for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made;

AND WE, ASSIGNORS hereby agree to execute, upon request, any and all further papers which may be necessary or desirable to enable the ASSIGNEE, its successors and assigns, to file and prosecute said application, and any and all substitutes, divisions, or continuations thereof, and any and all reissues of the Letters Patent granted upon said application, or upon any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said inventions; and ASSIGNORS further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of ASSIGNEE, its successors and assigns, in and to said application and the inventions therein disclosed, and in and to any and all Letters Patent and reissues thereof, both United States and foreign, which may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign applications.

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AND WE, ASSIGNORS hereby authorize and request The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid application for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said application, and each and every reissue of said Letters Patent, to the ASSIGNEE, its successors and assigns, as the assignee of the entire right, title and interest therein, in accordance with this assignment.

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

Date: April 27/05


Wen-Yen Chan
38 Edgemoor Trail, Thornhill, ON L4J 6N6 CA

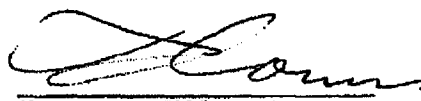
STATEMENT BY WITNESS

I, YING TONG MAN, whose full Post Office address is

1311-80 MOOREGATE CR. KITCHENER, N2M5G1
(Address of Witness)

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

Date: Apr 27, 2005


(Signature of Witness)

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

Date: April 26, 05


Xin Jin

508-1129 Meadowlands Drive, Ottawa, ON K2E 6J6 CA

STATEMENT BY WITNESS

I, Christa Gower, whose full Post Office address is

1462 Nathtagami Street, Gloucester, Ontario,
(Address of Witness) K1T 2T8, Canada

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

Date: April 26/05


(Signature of Witness)

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

Date: April 26, 05


Qingzhong Jiao
37 Oberon Street, Nepean, ON K2H 7X6 CA

STATEMENT BY WITNESS

I, Christa Gower, whose full Post Office address is

1462 Mattagami Street Gloucester, Ontario
(Address of Witness) K1T 2T8, Canada

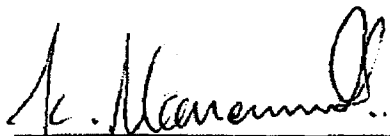
hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: April 26/05


(Signature of Witness)

III I WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: 21st April 2005



Nasserullah Khan
248 Old Abbey Rd., Waterloo, ON N2K 2W6 CA

STATEMENT BY WITNESS

1. Michael Certain, whose full Post Office address is

36 Herlan Ave, Kitchener ON, N2G 4K3
(Address of Witness)

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

Date: 27 April 2005


(Signature of Witness)

III WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: April, 27, 2005


Nagula Tharna Sangary
520 Buckingham Blvd., Waterloo, ON N2T 2T9 CA

STATEMENT BY WITNESS

I YING TONG MAN, whose full Post Office address is

1311-80 MOOREGATE CR., KITCHENER, ONTARIO, N2M5G1
(Address of Witness)

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

Date: April 27, 2005


(Signature of Witness)