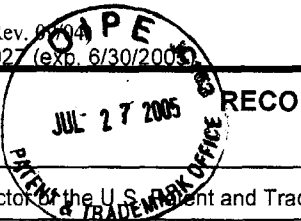


08-01-2005

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



103052608

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

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

Michael S. Brown Neil P. Adams
Michael K. Brown Michael G. Kirkup
Herbert A. Little

Execution Date(s) July 22, 2005 & July 25, 2005

Additional name(s) 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, Ontario, Canada

State: _____

Country: _____ 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)

11/118,792

B. Patent No.(s)

07/29/2005 GTDN11 00000075 501432 11118792

01 FC:8021

40.00 DA

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jacqueline M. O'Brien

Internal Address: JONES DAY, North Point

Street Address: 901 Lakeside Avenue

City: Cleveland

State: OH Zip: 44114

Phone Number: (216) 586-3939

Fax Number: (216) 579-0212

Email Address: jobrien@jonesday.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-1432 #555255-012797

Authorized User Name Jacqueline M. O'Brien

9. Signature:

Jacqueline M. O'Brien
Signature

07/25/2005
Date

Jacqueline M. O'Brien
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 016815 FRAME: 0663

WORLDWIDE ASSIGNMENT

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

Michael S. Brown, 350 University Downs Cres., Waterloo, Ontario N2K 4B1 Canada

Neil P. Adams, 550 Little Dover Cres., Waterloo, Ontario N2K 4E4 Canada

Michael K. Brown, 1938 Mapleridge Drive, Peterborough, Ontario K9K 2E4 Canada

Michael G. Kirkup, ~~413 Exmoor Street, Waterloo, Ontario N2K 3X5 Canada~~ *224 Dearborn Blvd*

Herbert A. Little, 504 Old Oak Place, Waterloo, Ontario N2T 2V8 Canada *Waterloo, ON N2T 2Y3*

CA

has/have invented certain new and useful improvements in an invention entitled

SYSTEM AND METHOD FOR SEARCHING SECURED ELECTRONIC MESSAGES

for which an application for United States Letters Patent was filed on April 29, 2005 (Application No. 11/118,792), and as further identified by Docket No. 555255-012-797 and RIM Invention Disclosure No. 11917-US-PAT); and which application claims priority to United States Provisional Application Serial No. 60/567,134 filed on April 30, 2004.

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, I/WE, ASSIGNOR(S) does/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 me (us) had this assignment and sale not been made;

AND I/WE, ASSIGNOR(S) hereby agrees/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 ASSIGNOR(S) further agrees/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.

AND I/WE, ASSIGNOR(S) hereby authorizes/authorize and requests/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: JUL 22 2005


Michael S. Brown
350 University Downs Cres.
Waterloo, Ontario N2K 4B1
CANADA

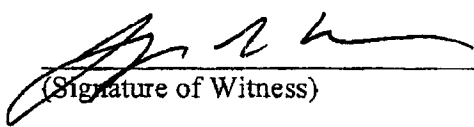
STATEMENT BY WITNESS

I, GEORGE V BARN, whose full Post Office address is

20 ELLEN ST E, APT 310, KITCHENER ON, N2H 6R7, CA
(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: JUL 22 2005


(Signature of Witness)

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

JUL 22 2005

Date: _____



Neil P. Adams
550 Little Dover Cres.
Waterloo, Ontario N2K 4E4
CANADA

STATEMENT BY WITNESS

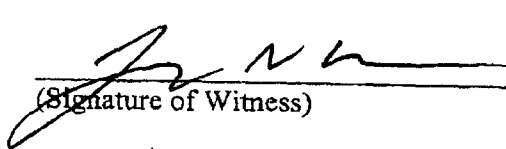
I, GEORGE V BABU, whose full Post Office address is

20 ELLEN ST E, APT 310, KITCHENER ON, N2H6R7, CA
(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.


JUL 22 2005

Date: _____


(Signature of Witness)

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

Date: JUL 22 2005


Michael K. Brown
1938 Mapleridge Drive
Peterborough, Ontario K9K 2E4
CANADA

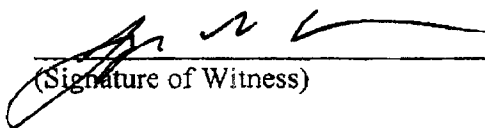
STATEMENT BY WITNESS

I, GEORGE V BROWN, whose full Post Office address is

20 ELLEN ST E, APT 310, KITCHENER ON, N2H 6R7
(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.

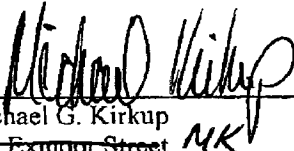
Date: JUL 22 2005


(Signature of Witness)

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

JUL 25 2005

Date: _____


Michael G. Kirkup
~~413 Exmoor Street~~ *NK* 224 DEARBORN Blvd.
~~Waterloo, Ontario N2K 3X5~~ Waterloo, ON N2J4Y3
~~CANADA~~ Canada

STATEMENT BY WITNESS

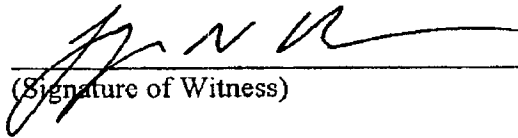
I, GEORGE V PATIK, whose full Post Office address is

20 ELLEN ST E, APT 310, KITCHENER ON, N2H6R7, CA
(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.

JUL 25 2005

Date: _____


(Signature of Witness)

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

Date: JUL 22 2005

Herbert A. Little
Herbert A. Little
504 Old Oak Place
Waterloo, Ontario N2T 2V8
CANADA

STATEMENT BY WITNESS

I, GEORGE V BADU, whose full Post Office address is

20 GLEN ST E, APT 310, KITCHENER ON, N2H 6R7, CA
(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: JUL 22 2005

[Signature]
(Signature of Witness)