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**PATENTS ONLY**

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

12-14-05

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

- (1) Robert Lowles
- (2) Jacek S. Idzek

Execution Date(s) (1) 12/12/05, (2) 12/09/05

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

State: Ontario

Country: Canada Zip: N2L 3W8

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

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11/30/06 17

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**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)

Additional numbers attached?  Yes  No

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

Name: Brij K. Agarwal

Internal Address: Eckert Seamans Cherin & Mellot, LLC

Street Address: 600 Grant Street, 44th Floor

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-566-6000

Fax Number: 412-566-6099

Email Address: ipmail@eckertseamans.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 02-2556

Authorized User Name Brij K. Agarwal

**9. Signature:**

Brij K. Agarwal  
Signature

December 14, 2005  
Date

Brij K. Agarwal Reg. No. 43,507

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

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

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01 FC:8021 40.00 BA

**PATENT**  
**REEL: 017369 FRAME: 0177**

**WORLDWIDE ASSIGNMENT**

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

**ROBERT LOWLES, 393 Gatestone Blvd., Waterloo, Ontario, Canada N2T 2J5;**  
and  
**JACEK S. IDZIK, RR #4, Kenilworth, Ontario, Canada, N0G 2E0**

have invented certain new and useful improvements in an invention entitled **HANDHELD ELECTRONIC DEVICE HAVING VIRTUAL NAVIGATIONAL INPUT DEVICE, AND ASSOCIATED METHOD** for which an application for United States Letters Patent will be filed and as further identified by Docket No. 291010-00271 and RIM Reference No. 30061-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 valuable consideration, the receipt whereof is hereby acknowledged, WE ASSIGNORS, intending to be legally bound, 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 other 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 us 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;

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: Dec 12, 2005

Robert A. Lowles  
ROBERT LOWLES  
Waterloo  
Ontario, Canada N2T 2J5

STATEMENT BY WITNESS

I, Elizabeth Planic, whose full Post Office address is  
482 Thornedale Dr. W100  
(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 Worldwide Assignment, duly sign and execute the same.

Date: 12 Dec 05

Elizabeth Planic  
(Signature of Witness)

Date: Dec 9, 2005

Jack S. Idzik  
JACEK S. IDZIK  
Kenilworth  
Ontario, Canada N0G 2E0

STATEMENT BY WITNESS

I, Elizabeth Planic, whose full Post Office address is  
482 Thornedale Dr. W100  
(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 Worldwide Assignment, duly sign and execute the same.

Date: 12 Dec 05

Elizabeth Planic  
(Signature of Witness)