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103175871

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

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

Yihong QI  
Adrian COOKE  
Ying Tong MAN  
Perry JARMUSZEWSKI

Execution Date(s) January 12, 2006

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

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

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

A. Patent Application No.(s)

11/288,896

B. Patent No.(s)

02/03/2006 JBALINAN 00000098 11288896

02 FEB 03 2006

40.00 DP

Additional numbers attached? ☐ Yes ☒ No

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

Name: CHRISTOPHER F. REGAN, ESQ.

Internal Address: ALLEN, DYER, DOPPELT,

MILBRATH & GILCHRIST, P.A.

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Fax Number: 407-841-2343

Email Address: cregan@addmg.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 1006  
Expiration Date 11/06

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

*John F. Woodson II*  
Signature

JANUARY 31, 2006

Date

JOHN F. WOODSON, II

(MATTER #) 85048

Name of Person Signing

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

5

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: 017538 FRAME: 0031**

30252-US-PAT (85048)

A S S I G N M E N T

WHEREAS, **Yihong QI** of St. Agatha, Ontario, Canada; and **Adrian COOKE** of Kitchener, Ontario, Canada; and **Ying Tong MAN** of Waterloo, Ontario, Canada; and **Perry JARMUSZEWSKI** of Waterloo, Ontario, Canada; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **MOBILE WIRELESS COMMUNICATIONS DEVICE COMPRISING A SATELLITE POSITIONING SYSTEM ANTENNA WITH ACTIVE AND PASSIVE ELEMENTS AND RELATED METHODS**, for which **ASSIGNORS** have executed an application for United States Letters Patent filed on November 29, 2005 in the United States Patent and Trademark Office and assigned Serial No. 11/288,896; and

WHEREAS, **RESEARCH IN MOTION LIMITED**, a corporation organized under the laws of the Province of Ontario, Canada, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;


NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNORS** do hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNORS** do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent

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applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenants and agrees that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 12 day of January, 2006.


  
Yihong QiWitness: 

Printed

Name: Anatoliy GordiyenkoDate: Jan. 12, 2006

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IN WITNESS WHEREOF, I have hereunto set my hand  
and seal this 12<sup>th</sup> day of January, 2006.

  
Adrian COOKE

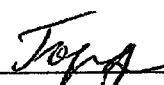
Witness: 

Printed

Name: Anatoliy GordiyenkoDate: Jan. 12, 2006

IN WITNESS WHEREOF, I have hereunto set my hand  
and seal this 12 day of JAN, 2006.

  
Ying Tong MAN

Witness: 

Printed

Name: Anatoliy GordiyenkoDate: Jan. 12, 2006

30252-US-PAT (85048)

IN WITNESS WHEREOF, I have hereunto set my hand  
and seal this 12<sup>th</sup> day of January, 2006.

  
Perry JARMUSZEWSKI

Witness: 

Printed  
Name: Anatoliy Gordiyenko

Date: Jan. 12, 2006