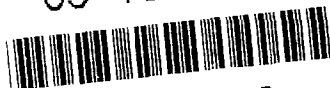


05-16-2005



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ENTRIES ONLY

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)**

HOSSAIN, Asif  
XUE, Hao  
CHAUDRY, Shahid  
ZHAO, Wen

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) May 6, 2005 and May 9, 2005

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ 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)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: John S. Macera, Reg No. 31474

Internal Address: \_\_\_\_\_

Street Address: 427 Laurier Ave. West

Suite 1200

City: Ottawa

State: Ontario Zip: K1R 7Y2

Phone Number: (613) 232-7302

Fax Number: (613) 235-2508

Email Address: mail@moffatco.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  
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☐ Enclosed  
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a. Credit Card Last 4 Numbers 1881

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

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**9. Signature:**

John S. Macera  
Signature

May 9/05  
Date

John S. Macera  
Name of Person Signing

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

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11/124287



## ASSIGNMENT

In consideration of One (\$1.00) Dollar and other good and valuable consideration paid to us by Research in Motion Limited, whose full post office address is 295 Phillip Street, Waterloo, Ontario, N2L 3W8 (hereinafter called the Assignee), the receipt whereof is hereby acknowledged, we do hereby sell and assign unto the said Assignee, all our right, title and interest in and to our invention relating to IMPROVED VIRTUAL KEYPAD FOR TOUCH SCREEN DISPLAY, the same to be held and enjoyed by the Assignee, its successors, assigns, or legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted including any extension thereof as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND WE HEREBY AUTHORIZE the Assignee to make application for and to receive Letters Patent for said invention in Canada, the United States of America, its territories and possessions, Great Britain, and all foreign countries in its own name, or in any name, at its election.

AND WE HEREBY COVENANT AND AGREE that we will execute or procure any further necessary assurance of the title to said invention and Letters Patent; and that we will at any time, upon the request and at the expense of the Assignee, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor, in the name of the Assignee, its successors, assigns, or other legal representatives, and that we will, at any time, upon the request and at the expense of the Assignee, testify in any legal proceedings, sign all lawful papers, execute any additional, divisional, substituting, continuing or re-issue applications for patents for said invention, or any part or parts thereof, make all rightful oaths and generally do all lawful acts to aid the Assignee, its successors, assigns or other legal representatives to obtain and enforce patent protection in said invention in all countries, without further compensation, but at the expense of the Assignee, its successors, assigns or other legal representatives.

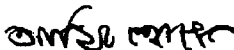
AND WE HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents or the Comptroller (as the case may be) to issue any and all Letters Patent for said invention, or resulting from said application, or from any division, re-issue, or extension thereof, to the Assignee as the sole assignee.

Signed at

this 6<sup>th</sup> day of May, 2005.

  
Witness

Name: GRACE YEW



Asif Hossain

Signed at

this 6 day of May, 2005.

  
Witness

Name: Christa Gouie

  
Hao Xue

Signed at

this 9<sup>th</sup> day of May, 2005.

  
Witness

Name: Christa Gouie

  
Shahid Chaudry

Signed at

this 6 day of May, 2005.

  
Witness

Name: Christa Gouie

  
Wen Zhao