

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael K. Brown</td> <td>07/18/2006</td> </tr> <tr> <td>Neil Adams</td> <td>07/18/2006</td> </tr> <tr> <td>George Babu</td> <td>07/18/2006</td> </tr> <tr> <td>Herbert Little</td> <td>07/18/2006</td> </tr> <tr> <td>Michael S. Brown</td> <td>07/18/2006</td> </tr> </tbody> </table>		Name	Execution Date	Michael K. Brown	07/18/2006	Neil Adams	07/18/2006	George Babu	07/18/2006	Herbert Little	07/18/2006	Michael S. Brown	07/18/2006
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George Babu	07/18/2006												
Herbert Little	07/18/2006												
Michael S. Brown	07/18/2006												
RECEIVING PARTY DATA													
Name:	Research In Motion Limited												
Street Address:	295 Phillip Street												
City:	Waterloo												
State/Country:	CANADA												
Postal Code:	N2L 3W8												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13947522</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13947522								
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Application Number:	13947522												
CORRESPONDENCE DATA													
Fax Number:	4168627661												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Aaron Edgar												

CH \$40.00 13947522

Signature:	/AaronEdgar/
Date:	07/22/2013
Total Attachments: 7 source=T8470137US1AssignmentOfPatentRights#page1.tif source=T8470137US1AssignmentOfPatentRights#page2.tif source=T8470137US1AssignmentOfPatentRights#page3.tif source=T8470137US1AssignmentOfPatentRights#page4.tif source=T8470137US1AssignmentOfPatentRights#page5.tif source=T8470137US1AssignmentOfPatentRights#page6.tif source=T8470137US1AssignmentOfPatentRights#page7.tif	

## ASSIGNMENT OF PATENT RIGHTS

WHEREAS Michael K. Brown, residing at 8 Fernwood Place, Kitchener, Ontario, N2M 2Z2, Canada, Nell Adams, residing at 550 Little Dover Crescent, Waterloo, Ontario, N2K 4E4, Canada, George Babu, residing at 310-20 Ellen Street East, Kitchener, Ontario, N2H 6R7, Canada, Herbert Little, 504 Old Oak Place, Kitchener, Ontario, N2T 2V8, Canada, and Michael S. Brown, residing at 350 University Downs Crescent, Waterloo, Ontario, N2K 4B1, Canada, and (hereinafter collectively referred to as the "ASSIGNORS" and individually an "ASSIGNOR") have invented certain new and useful improvements in an invention entitled

### **DEVICE AND METHOD FOR IMPROVING EFFICIENCY OF ENTERING A PASSWORD USING A KEY-LIMITED KEYBOARD**

such invention (the "Invention") being described in a Patent Application having the same title, filed on July 19, 2006, having RIM Reference No. 30948-ID and an Agent Reference No. T8470137 (the "Patent Application");

AND WHEREAS RESEARCH IN MOTION LIMITED, 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 (hereinafter referred to as the "ASSIGNEE") is desirous of acquiring any and all right, title and interest of the ASSIGNORS in the Invention and the full and exclusive right, title and interest in and to the Patent Application, inclusive of any and all priority rights derived therefrom and in and to any and all Letters Patent, to be granted for the Invention;

AND WHEREAS the ASSIGNORS desire to make the assignment to the ASSIGNEE on the terms and conditions contemplated herein;

NOW THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, the ASSIGNORS confirm and agree as follows:

1. The ASSIGNORS hereby irrevocably sell, assign, transfer, convey and set over unto the ASSIGNEE all of their respective right, title and interest in and to:
  - (a) the Patent Application inclusive of any and all priority rights derived therefrom;
  - (b) the Invention, to the extent that the ASSIGNORS have any right, title and interest therein;
  - (c) any and all Letters Patent and issues thereof which may be granted upon the Patent Application; and
  - (d) any and all Letters Patent which may be issued upon any and all substitutes, divisions, or continuations of the Patent Application,

the same to be held and enjoyed by the ASSIGNEE for its own use and behalf, and for the use and behalf 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.

2. The 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 assignees (as applicable), to file and prosecute the Patent Application, and any and all substitutes, divisions, or continuations thereof, and any and all reissues of the Letters Patent granted upon the Patent Application, or upon any and all substitutes, divisions, or continuations thereof, and the ASSIGNORS further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of the ASSIGNEE in and to the Patent Application and the invention therein disclosed, and in and to any and all Letters Patent and reissues thereof, which may be granted upon the Patent Application, and any an all substitutes, divisions, or continuations thereof.
3. The ASSIGNORS hereby authorize and request The Commissioner of Patents or any equivalent position thereto to issue each and every Letters Patent to be granted upon the Patent Application and upon any and all substitutes, divisions, and continuations of the Patent Application, and each and every reissue of said Letters Patent, to the ASSIGNEE as the assignee of the entire right, title and interest therein in accordance with this assignment.
4. This assignment shall enure for the benefit of the ASSIGNEE and its successors and assignees and shall be binding upon each of the ASSIGNORS and their respective heirs, executors, administrators, successors, permitted assignees and legal representatives.
5. Each of the ASSIGNORS hereby irrevocably appoints the ASSIGNEE as such ASSIGNOR'S attorney-in-fact, with full authority in the place and instead of the ASSIGNOR making the appointment and in the name of the ASSIGNOR, by the ASSIGNEE or otherwise, from time to time in the ASSIGNEE'S discretion, upon the ASSIGNOR'S failure or inability to do so, to take any action and to execute any instrument which the ASSIGNEE may deem necessary or advisable to accomplish the purposes of this assignment including, without limitation, to modify, in its sole discretion, this assignment without first obtaining the ASSIGNOR'S approval of or signature to such modification and to make any filings as appropriate, to effect the full and complete assignment as contemplated hereunder.
6. If any covenant or provision, or portion thereof, of this assignment is determined to be void or unenforceable, such void or unenforceable covenant or provision, or portion thereof, is hereby conceded to be severable from the balance of this assignment; and such a determination shall not, in any event, affect or impair the validity of the balance of the covenant or provision, nor shall it affect or impair the validity of any other covenant or provision herein contained.

(continued on the next page)

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PATENT

REEL: 030848 FRAME: 0168

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

Date: July 18/2006



Michael K. Brown

STATEMENT BY WITNESS

I, Mark Michael whose full Post Office Address is

276 Louisa St., Kitchener, ON N2H 5M9 Canada

(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: 2006.07.18



(Signature of Witness)

(continued on the next page)

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

Date: July 18<sup>th</sup> 2006

  
Neil Adams


STATEMENT BY WITNESS

I, Mark Michael whose full Post Office Address is  
276 Louisa St., Kitchener, ON N2H 5M9 Canada

(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.

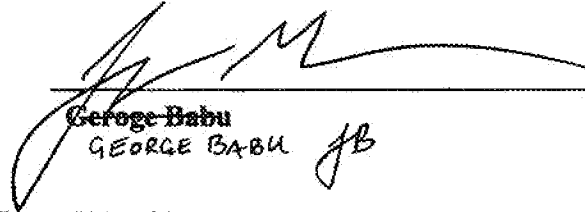
Date: 2006.07.18

  
(Signature of Witness)

(continued on the next page)

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

Date: July 18<sup>th</sup>, 2006

  
George Babu  
GEORGE BABU JB

STATEMENT BY WITNESS

I, Mark Michael whose full Post Office Address is  
276 Louisa St., Kitchener, ON N2H 5M9 Canada

(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: 2006.07.18

  
(Signature of Witness)

(continued on the next page)

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

Date: July 18 2006

Herb A Little  
Herbert Little

STATEMENT BY WITNESS

I, Mark Michael whose full Post Office Address is  
276 Louisa St., Kitchener, ON N2H 5M9 Canada

(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: 2006.07.18

Mark Michael  
(Signature of Witness)

(continued on the next page)



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

Date: July 18, 2006

  
Michael S. Brown


STATEMENT BY WITNESS

I, Mark Michael whose full Post Office Address is  
276 Louisa St., Kitchener, ON N2H 5M9 Canada

(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: 2008.07.18

  
(Signature of Witness)

TOR\_LAW\6348377\1