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Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)

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

.	ORM COVER SHEET	
PATENTS 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)	2. Name and address of receiving party(ies)	
Jason T. Griffin Mihai Lazaridis	Name: Research In Motion Limited	
Frank M. Tyneski	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes Vo		
3. Nature of conveyance/Execution Date(s):	Street Address: 295 Phillip Street	
Execution Date(s) Jan. 12, 2005, Jan. 24, 2005, Jan. 12, 2005		
✓ Assignment		
Security Agreement Change of Name	City: Waterloo_	
Joint Research Agreement	State: Ontario	
Government Interest Assignment	Country: Canada Zip:N2L 3W8	
Executive Order 9424, Confirmatory License	Country Canada	
Other	Additional name(s) & address(es) attached? ☐ Yes ✓ No	
4. Application or patent number(s): A Patent Application No.(s)	document is being filed together with a new application.	
A. Patent Application No.(s) 11/031,407 (filed 01/07/2005)	B. Patent No.(s)	
111001,101 (1111111111111111111111111111		
Additional numbers atta	tached? Yes No	
5. Name and address to whom correspondence	6. Total number of applications and patents	
concerning document should be mailed:	involved: 1	
Name: <u>Debra L. Peje</u> au	7. Total fee (37 CFR 1.21(h) & 3.41) \$40	
Internal Address: North Point (N232A)	Authorized to be charged by credit card	
	Authorized to be charged to deposit account	
Street Address: 901 Lakeside Avenue	Enclosed	
	None required (government interest not affecting title)	
City: Cleveland	8. Payment Information	
State: <u>OH</u> Zip: <u>44114</u>	a. Credit Card Last 4 Numbers Expiration Date	
Phone Number: 216 586 7387		
Fax Number: 216 579 0212	b. Deposit Account Number 501432 (Please ref. 555255012781)	
Email Address: dipeleau@jonesday.com	Authorized User Name <u>Debra L, Peleau</u>	
9. Signature: Delira L. Dejeni	x x x 27 2005	
Signature	Date	
<u>Debra L. Pejeau</u> Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	
Name or Ferential	energamentalis, energinalis,	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 017143 FRAME: 0473

WORLDWIDE ASSIGNMENT

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

Jason T. Griffin, 522 Cairneroft Place, Waterloo, Ontario N2T 2J5 CANADA Mihal Lazaridis, 263 Carrington Place, Waterloo, Ontario N2T 2K1 CANADA Frank M. Tyneski, 235 Cameron Street N., Kitchener, Ontario N2H 3B3 CANADA

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

DUAL-MODE KEYPAD FOR A MOBILE DEVICE

for which an application for United States Letters Patent will be filed, and as further identified by Docket No. 555255-055-761 and RIM No. PUS-2091; 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, NZL 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 confinuations 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.

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> **PATENT** REEL: 017143 FRAME: 0474

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:

Jason T. Griffan 222 Caimcroft Place Waterloo, Ontario N2T 2J5 CANADA

STATEMENT BY WITNESS

I, Heather Malatte ____ whose full Post Office address is

401 Springbank Due M. Unit 3 Woodstack, Orthic N4T1P9
(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: <u>Jan. 12, 2005</u>

Signature of Witness)

Page 2 of 4

CLI-1330595vt

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

Date: 24 Jan. 2005 MAR

263 Carangton Place Waterloo, Ontario N2T 2K1 CANADA

STATEMENT BY WITNESS

1. Abben Gilhula whose full Post Office address is

1508-35 Kingsbridge Circle Mississon Onterio, 158 375

(Address of Wilness)

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: 24 Jan 2005

(Signature of Witness)

Page 3 of 4

CLI-1230595v1

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

Date: 1.12.05	
Frank M. Tyneski 235 Cameron Street N. Kitchener, Ontario N2H 3B3 CANADA	
STATEMENT BY WITNESS	
I, Heather Malette, whose full Post Office address is	
401 Springhante Are N Unit 3 Wandstack Ontario NYT 1P9 (Address of Winess)	
hereby declare that I was personally present and did see the above named person, personally known to be the person named in the assignment, duly sign and execute the same.	o m
Date: 1,12.05 Signature of Witness)	_

CLI-1230595v1

RECORDED: 12/27/2005

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PATENT REEL: 017143 FRAME: 0477