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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy there
1. Name of conveying party(ies):  Jason T. Griffin  John A. Holmes  Mihal Lazaridis  Additional name(s) of conveying party(ies) attached?   Network of conveying party	2. Name and address of receiving party(ies)  Name: Research In Motion Limi Internal Address:
3. Nature of conveyance:	
	Street Address: 295 Phillip Street
☐ Security Agreement ☐ Change of Name	<u> Waterloo, Ontario, CANADA N21</u>
☐ Other	City: State: ZIP:
Execution Date: July 15; July 19, 1999	Additional name(s) & address(es) attached?   Yes   No
Application number(s) or patent number(s):	1.No. 99
If this decompat is being filed to substitute and substitute in	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
If this document is being filed together with a new application	N. The execution date of the application is: $1/4 - 2i = 1/4$
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A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers att  5. Name and address of party to whom correspondence	B. Patent No.(s)
Additional numbers at 5. Name and address of party to whom correspondence concerning document should be mailed:	B. Patent No.(s)  ached?   Yes   No  Total number of applications and patents involved:
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Jason Vierra-Eisenberg  Jones, Day, Reavis & Poque	B. Patent No.(s)
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5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Jason Vierra-Eisenberg  Jones, Day, Reavis & Pogue internal Address:  Street Address: North Point  901 Lakeside Avenue  City: Cleveland State: OH ZIP: 44114	B. Patent No.(s)  ached?  Yes X No  6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)
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## ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

## HAND-HELD ELECTRONIC DEVICE HAVING A KEYBOARD OPTIMIZED FOR USE WITH THUMBS (DESIGN)

and are the subject of a design patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below in the appropriate spaces to the left of the signatures of the undersigned, which application is further identified as Jones, Day, Reavis & Pogue Docket No. 555255012105.

WHEREAS, RESEARCH IN MOTION LIMITED, a corporation of CANADA, having a place of business at 295 Phillip Street, Waterloo, Ontario, CANADA N2L 3W8, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Jones, Day, Reavis & Pogue the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Page 1 of 4

PATENT REEL: 010153 FRAME: 0289

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

Date: 197, 1999

Vason T. Griffir

522 Cairncroft Place Waterloo, Ontario N2T 2J5 CANADA

STATEMENT BY WITNESS

I, Krishna Tathiyal, whose full Post Office address is (Name of Witness)

202-124 Tupper Chescent Kitchener, ON, NZB ZX9, (ANADA (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: July 19 1999

(Signature of Witness)

Page 2 of 4

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

Date: <u>July 15, 1999</u>

Waterloo, Ontario N2L 2B5

**CANADA** 

STATEMENT BY WITNESS

I, Kishna Pathiyal, whose full Post Office address is

202-124 Topper Greschert Kitcheiner ON NZBZX9

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: July 15/91

(Signature of Witness)

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

Date: July 15,1999

263 Carrington Place

Waterloo, Ontario N2T 2K1

**CANADA** 

STATEMENT BY WITNESS

(Name of Witness), whose full Post Office address is

(Address of Witness) ON, NZB ZX9

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.

(Signature of Witness)

Page 4 of 4