12-21-2001 Form PTO-1595 U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) 555255012300 101921119 Tab settings □□□□□ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) Name of conveying party(ies): Phat H. Tran Name: Research In Motion Limited Internal Address: _____ Additional name(s) of conveying party(ies) attached? 🕞 Yes 🔀 No 3. Nature of conveyance: Merger Merger Assignment Street Address: Security Agreement Change of Name 295 Phillip Street Other____ City: Waterloo Ontario Canada N2L 3W8 November 5, 2001 Execution Date: Additional name(s) & address(es) attached? 🙀 Yes 🙀 No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: $\frac{11}{5}/2001$ B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? 🖳 Yes 🔣 No 5. Name and address of party to whom correspondence | 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41)\$ 40.00 Name: Debra L. Pejeau Enclosed Internal Address:_____ Authorized to be charged to deposit account Jones, Day, Reavis & Pogue North Point 8. Deposit account number: Street Address:_____ 501432 (ref. 555255012300) 901 Lakeside Avenue (Attach duplicate copy of this page if paying by deposit account) City: Cleveland State: OH Zip: 44114 DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy 9. Statement and signature. is a true copy of the original document. nour7, 2001

Debra L. Pejeau

Name of Person Signing 00000049 501432 10007481

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Date

12/19/2001 DBYRNE

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

Mail docuplents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

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

APPARATUS AND METHOD FOR AN ACCELERATED THUMBWHEEL ON A COMMUNICATION DEVICE

and are the subject of a patent application prepared for filing with the United States Patent and Trademark Office attached hereto, 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. 555255012300.

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 "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.

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PATENT REEL: 012379 FRAME: 0234 IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: Nax. 5, 200	Phat H. Tran
	528 Fox Cove Place Waterloo, Ontario N2K 4A7 CANADA
STA	ATEMENT BY WITNESS
(Name of withes	, whose full Post Office address is
4 Armstrong	(Address of Witness)
nereby declare that I was personally pre known to me to be the person named in	esent and did see the above named person, personally the assignment, duly sign and execute the same.
Date: 5 NOV 0/	(Signature of Witness)

RECORDED: 11/07/2001