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Mail documents to be recorded with required cover sheet information to: Commissioner of Patonts & Trademarks, Box Assignments Washington, D.C. 20231 10:47am From-JD CLEVELAND 216 579 0212 T-045 P.004/006 F-049

WORLDWIDE ASSIGNMENT

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

Jon MacKay, 32 Dunbar St., Waterloo, Ontario N2L 2E3 Canada Matthew Bells, 5 Father David Baner Dr., # 409, Waterloo, Ontario N2L 6M2 Canada

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

LOCALIZATION OF RESOURCES USED BY APPLICATIONS IN HAND-HELD ELECTRONIC DEVICES AND METHODS THEREOF

for which an application for United States Letters Patent was filed on March 10, 2004 (Application No. 10/797,421), and as further identified by Docket No. 555255-012-724 and RIM Docket No. PUS-1701; 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, N2L 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 continuations 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.

CLI-1222274v1 Page 1 of 3

PATENT REEL: 015102 FRAME: 0312 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 WIFNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: 27 /08 / 2001

JoniMacKay

32 Dunber St. 75 WATOLED ST., KITCH CAOL

Waterloo: Ontario N2L 2E3

Canada

STATEMENT BY WITNESS

I Gregory Bentz		, who	se full Post O	ffice address is	
471 HUNGSFORD PL	<u>₩ATERLOO</u> (Address of Witnes	<u>ಿ ಟ</u> :s)	N 2T	149	

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: 27/08/2204

(Signature of Witness)

Page 2 of 3

CLI-1222274vi

Date: 2004, aug. 27

5 Father David Bauer Dr., # 409 Waterloo, Ontario N2L 6M2

Canada

STATEMENT BY WITNESS

I. Stuart	Pollock	whose full Post Office address is	•
10-365	Albert Street	-, Waterloo ON. NOL 3 Va	
		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: 27/08) 2004

RECORDED: 09/02/2004

(Signature of Witness)

CLI-1222274v1

Page 3 of 3

PATENT REEL: 015102 FRAME: 0314