

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GEORGE B BUMILLER	02/20/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RESEARCH IN MOTION LIMITED
<b>Street Address:</b>	295 PHILLIP STREET
<b>City:</b>	WATERLOO
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	N2L 3W8
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	7598946
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<b>ATTORNEY DOCKET NUMBER:</b>	42783-1722
<b>NAME OF SUBMITTER:</b>	CHRISTINE Y. WONG
<b>SIGNATURE:</b>	/Christine Y. Wong/
<b>DATE SIGNED:</b>	03/10/2017
<b>Total Attachments: 2</b>	
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source=Assignment#page2.tif	

**WORLDWIDE ASSIGNMENT**

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

**GEORGE B. BUMILLER**, 39 Lakeview Terrace, Ramsey, New Jersey, 07446,  
UNITED STATES OF AMERICA

have invented certain new and useful improvements in an invention entitled **HANDHELD ELECTRONIC DEVICE HAVING FACILITATED INPUT AND ASSOCIATED METHOD** for which an application for United States Letters Patent will be filed, and as further identified by Docket No. 291010-00009 and RIM Reference No. 0602; 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, ASSIGNOR, 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 had this assignment and sale not been made;

AND I, ASSIGNOR, hereby 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 further agrees 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.

AND I, ASSIGNOR, hereby authorize and 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:

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*George B Bumiller*  
**GEORGE B. BUMILLER**

STATE OF New Jersey )  
 ) SS:  
COUNTY OF Passaic )

On this 20 day of February, 2004, before me personally appeared **GEORGE B. BUMILLER** to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Notary Public *Kristin L Breen*

My Commission Expires:

**KRISTIN L. BREEN**  
**NOTARY PUBLIC**  
**STATE OF NEW JERSEY**  
**MY COMMISSION EXPIRES JUNE 26, 2008**

(SEAL)