

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Michael K. BROWN</td><td>03/11/2005</td></tr><tr><td>Michael S. BROWN</td><td>03/08/2005</td></tr><tr><td>Michael G. KIRKUP</td><td>03/18/2005</td></tr><tr><td>Herbert A. LITTLE</td><td>03/08/2005</td></tr></tbody></table>		Name	Execution Date	Michael K. BROWN	03/11/2005	Michael S. BROWN	03/08/2005	Michael G. KIRKUP	03/18/2005	Herbert A. LITTLE	03/08/2005
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<table border="1"><tr><td>Name:</td><td>Research In Motion Limited</td></tr><tr><td>Street Address:</td><td>295 Phillip Street</td></tr><tr><td>City:</td><td>Waterloo</td></tr><tr><td>State/Country:</td><td>CANADA</td></tr><tr><td>Postal Code:</td><td>N2L 3W8</td></tr></table>		Name:	Research In Motion Limited	Street Address:	295 Phillip Street	City:	Waterloo	State/Country:	CANADA	Postal Code:	N2L 3W8
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PROPERTY NUMBERS Total: 1											
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Application Number:	12428170										
CORRESPONDENCE DATA											
Fax Number: (416)971-6638 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 416-971-7202											
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ATTORNEY DOCKET NUMBER:	179-335/JLW										
NAME OF SUBMITTER:	Jenna L. Wilson										

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PATENT
REEL: 022582 FRAME: 0366

Total Attachments: 5

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WORLDWIDE ASSIGNMENT

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

Michael K. Brown of 8 Fernwood Place, Kitchener, Ontario N2M 2Z2, CANADA
Michael S. Brown of 350 University Downs Cr., Waterloo, Ontario N2K 4B1, CANADA
Michael G. Kirkup of 413 Exmoor Street, Waterloo, Ontario N2K 3X5, CANADA
Herbert A. Little of 504 Old Oak Place, Waterloo, Ontario N2T 2V8, CANADA

have invented certain new and useful improvements in an invention entitled **CHALLENGE RESPONSE SYSTEM AND METHOD** for which an application for United States Letters Patent was filed on November 26, 2004 under Application No. 10/996,369, and as further identified by Docket No. 1679-33/JLW and RIM Reference No. 12176-US-PAT; 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.

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.

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

Date: March 11 / 2005


Inventor Name: **Michael K. Brown**
Inventor Address: **8 Fernwood Place**
Kitchener, Ontario N2M 2Z2
CANADA


STATEMENT BY WITNESS

I, David MacFarlane, whose full Post Office address is

518 Fernwood St., Waterloo, ON, N2V 2M2
(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: March 11, 2005


(Signature of Witness)

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

Date: Mar 8, 2005


Inventor Name: Michael S. Brown
Inventor Address: 350 University Downs Cr.
Waterloo, Ontario N2K 4B1
CANADA

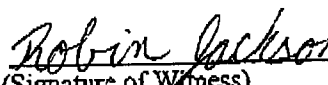
STATEMENT BY WITNESS

I, Robin Jackson, whose full Post Office address is

176 Bush Clover Crs Kitchener, ON N2E 3P7
(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: Mar 8/05


(Signature of Witness)

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

Date: Mar 18/05

Michael Kirkup
Inventor Name: Michael G. Kirkup
Inventor Address: 413 Exmoor Street
Waterloo, Ontario N2K 3X5
CANADA

STATEMENT BY WITNESS

I, Robin Jackson, whose full Post Office address is

176 Bush Clover Cres, Kitchener, ON N2E 3P7
(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: Mar 18/05

Robin Jackson
(Signature of Witness)

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

Date: Mar 8 2005

Herb A Little
Inventor Name: Herbert A. Little
Inventor Address: 504 Old Oak Place
Waterloo, Ontario N2T 2V8
CANADA

STATEMENT BY WITNESS

I, Robin Jackson, whose full Post Office address is

176 Bush Clover Crs, Kitchener, ON N2E 3P7
(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: Mar 8/05

Robin Jackson
(Signature of Witness)