504783216 02/19/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RONALD ANTHONY DICKE	06/22/2009
ROBERT JOSEPH ALAIN GUAY	06/08/2009

RECEIVING PARTY DATA

Name:	RESEARCH IN MOTION LIMITED
Street Address:	295 PHILLIP STREET
City:	WATERLOO
State/Country:	CANADA
Postal Code:	N2L 3W8

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15899178

CORRESPONDENCE DATA

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Email: IPMailVancouver@blg.com

Correspondent Name: BORDEN LADNER GERVAIS LLP (VANCOUVER/BB)

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ATTORNEY DOCKET NUMBER:	PAT 103164B-2
NAME OF SUBMITTER:	ANETT FABIAN
SIGNATURE:	/Anett Fabian/
DATE SIGNED:	02/19/2018

Total Attachments: 8

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WORLDWIDE ASSIGNMENT

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

RONALD ANTHONY DICKE, 107 Smirle Ave., Ottawa, Ontario, K1Y 0S4, Canada

ROBERT JOSEPH ALAIN GUAY, Ext. 12826, c/o RESEARCH IN MOTION LIMITED, 450 March Road, Kanata, Ontario, K2K 3K2, Canada

has/have invented a SYSTEMS AND METHODS FOR LOCATION TRACKING NOTIFICATION ("Invention") for which one or more applications for patent, design registration, utility model registration, or other form of protection, rights, or title have been or will be made in certain countries ("Applications") as further described below:

U.S. Patent Application No. 12/432,371 filed April 29, 2009

AND WHEREAS, RESEARCH IN MOTION LIMITED, (hereinafter referred to as the "ASSIGNEE"), a company organized under the laws of the Province of Ontario, Canada, having a place of business at 295 Phillip Street, Waterloo, Ontario, N2L 3W8, Canada, is desirous of acquiring the full and exclusive right, title and interest in and to said Invention, said Applications inclusive of all ancillary rights relating thereto, any and all priority rights derived from said Applications, and all patents, design registrations, utility model registrations and other forms of protection, rights and titles relating to said Invention, in any country or countries and in respect of the whole or any part or parts of or improvements to the Invention;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S) does/do hereby confirm that ASSIGNOR(S) has/have transferred, conveyed and assigned, and by way of further assurance does/do hereby transfer, convey and assign, any and all of ASSIGNOR(S)'s respective rights, title and interest in and to: the Invention; the Applications; any further applications for patent, design registration, utility model registration or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Invention in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Invention; and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings

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to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Invention, Applications, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this Worldwide Assignment; with the intent that the Invention, Applications, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

A\$SIGNOR(S) does/do hereby agree, upon request, to provide assistance and to execute any and all further documents which may be necessary or desirable to enable ASSIGNEE, and/or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Invention, Applications, Further Applications, Divisionals and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNOR(S) further agrees/agree to execute, upon request, any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

A\$SIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

ASSIGNOR(S) does/do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS WORLDWIDE ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon ASSIGNOR(S) and their successors and permitted assigns.

DELIVERY of this Worldwide Assignment by copy, however transmitted, constitutes valid and effective delivery. This Worldwide Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

undersi		OF, this Worldwide Assignment has been executed below by the RONALD ANTHONY DICKE 107 Smirle Ave. Ottawa, Ontario K1Y 0S4 Canada	he
		STATEMENT BY WITNESS	
	I, Stephanie	Park , whose full Post Office address is	S S
	107 Smi	Park, whose full Post Office address is Ale Ave Ottawa On Kill (Address of Witness)	054
		onally present and did see the above named person, personally med in the Worldwide Assignment, duly sign and execute sam	e.
Date:	June 22,2009	(Signature of Witness)	
		Page 3 of 4 V2	.0

IN WITNESS WHEREO undersigned:	F, this Worldwide Assignment has been execu	ited below by the
Data		
Date:	ROBERT JOSEPH ALAIN GUAY Ext. 12826 c/o RESEARCH IN MOTION LIMI 450 March Road Kanata, Ontario, K2K 3K2 Canada	
	STATEMENT BY WITNESS	
I,	, whose full Post Of	fice address is
	(Address of Witness)	
hereby declare that I was persona known to me to be a person name	lly present and did see the above named persond in the Worldwide Assignment, duly sign and	n, personally l execute same.
		: :
Date:	(Signature of Witness)	
	Page 4 of 4	V2.0

REEL: 044966 FRAME: 0691

WORLDWIDE ASSIGNMENT

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

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NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S) does/do hereby confirm that ASSIGNOR(S) has/have transferred, conveyed and assigned, and by way of further assurance does/do hereby transfer, convey and assign, any and all of ASSIGNOR(S)'s respective rights, title and interest in and to: the Invention; the Applications; any further applications for patent, design registration, utility model registration or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Invention in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Invention; and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings

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to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Invention, Applications, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this Worldwide Assignment; with the intent that the Invention, Applications, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

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ASSIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

ASSIGNOR(S) does/do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

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DELIVERY of this Worldwide Assignment by copy, however transmitted, constitutes valid and effective delivery. This Worldwide Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

IN WITNESS WHEREOF, this Worldwide Assignment has been execut undersigned:	ted below by the
Date: RONALD ANTHONY DICKE 107 Smirle Ave. Ottawa, Ontario K1Y 0S4 Canada	
STATEMENT BY WITNESS	
I,, whose full Post O	ffice address is
(Address of Witness)	
hereby declare that I was personally present and did see the above named person named in the Worldwide Assignment, duly sign are	on, personally and execute same.
Date:(Signature of Witness)	
Page 3 of 4	V2.0

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

ROBERT JOSEPH ALAIN GUA

Ext. 12826

c/o RESEARCH IN MOTION LIMITED

450 March Road

Kanata, Ontario, K2K 3K2

Canada

STATEMENT BY WITNESS

I, Tence, Stanley, whose full Post Office address is

1873 Elmence Dewe, Glowestee, entreio, KURG7 (Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: & Cur G SOOD

Signature of Witness

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PATENT REEL: 044966 FRAME: 0695

RECORDED: 02/19/2018