504739071 01/22/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4785799

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RESEARCH IN MOTION UK LIMITED	03/05/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15682303

CORRESPONDENCE DATA

Fax Number: (877)769-7945

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: apsi@fr.com

Correspondent Name: FISH & RICHARDSON P.C.

Address Line 1: P.O. BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440

ATTORNEY DOCKET NUMBER:	29717-1145003
NAME OF SUBMITTER:	CHRISTIE LOVEN
SIGNATURE:	/Christie Loven/
DATE SIGNED:	01/22/2018

Total Attachments: 6

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PATENT 504739071 REEL: 044684 FRAME: 0792

CONFIRMATION AND ASSIGNMENT

WHEREAS RESEARCH IN MOTION UK LIMITED, a corporation organized under the laws of England and Wales, having a place of business at Centrum House, 36 Station Road, Egham, Surrey, TW20 9LF, United Kingdom, (the "ASSIGNOR") is the owner of certain rights, title and interest in and to certain inventions and designs (the "Assignor Inventions"); and

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, N2L 3W8, Canada, (the "ASSIGNEE") is the owner of certain rights, title and interest in and to certain inventions and designs (the "Assignee Inventions"); and

WHEREAS ASSIGNOR and ASSIGNEE agree that ASSIGNEE is the owner of developments, modifications, improvements, adaptations of and derivative works, related to the Assignor Inventions or Assignee Inventions, whether created by ASSIGNEE or ASSIGNOR or on their behalf (the "Developments"), and that ASSIGNOR has received full market consideration therefor; and

WHEREAS ASSIGNOR wishes to confirm that ASSIGNEE is the owner of all rights, title and interest of the ASSIGNOR in and to certain of the Developments ("Creations"), described in documents, descriptions and/or drawings ("Creation Documents"), and/or described in applications for patents, design registrations, utility model registrations and other forms of protection ("Applications"), inclusive of any and all priority rights derived therefrom, and all ancillary rights relating thereto, as listed in Schedule "A" attached hereto.

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged by ASSIGNOR and ASSIGNEE, ASSIGNOR and ASSIGNEE, intending to be legally bound, agree as follows:

ASSIGNOR hereby confirms that it has transferred, conveyed and assigned, and by way of further assurance, to the extent that the transfer, conveyance or assignment has not already been fully effected, ASSIGNOR hereby transfers, conveys and assigns, any and all of its rights, title and interest in and to: the Creations; the Creation Documents: Applications, inclusive of any and all priority rights, including the right to claim priority. derived from the Applications; any further applications for patents, designs, utility models or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Creations 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 Creations and Creation Documents; and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Creations, Creation Documents, Applications,

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Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this assignment; with the intent that the Creations, Creation Documents, Applications, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNOR hereby agrees, upon request, to provide assistance and to execute any and all further documents which may be necessary or desirable to enable ASSIGNEE or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Creations, Creation Documents, 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 further agrees to execute, upon request, any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNOR does hereby authorize ASSIGNEE or its patent agents or attorneys to insert in Schedule "A" 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 hereby authorizes and requests The Commissioner of Patents, or any equivalent authority, to issue to ASSIGNEE each and every patent, registration and other forms of protection, right and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns and shall be binding upon ASSIGNOR and its successors and permitted assigns.

IF ANY COVENANT OR PROVISION, or portion thereof, of this document is determined to be void or unenforceable, such void or unenforceable covenant or provision, or portion thereof, is hereby conceded to be severable from the balance of this document, and any such determination shall not, in any event, affect or impair the validity of the balance of the covenant or provision, nor shall it affect or impair the validity of any other covenant or provision herein contained.

DELIVERY of this Confirmation and Assignment by copy, however transmitted, constitutes valid and effective delivery. This Confirmation and 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.

> **PATENT** REEL: 029684 FRAME: 0798

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

Data Dicaliana	Research in Motion UK Limited
Date: 3/5/2013	By: Name: Roser Wittereen Title: Phythorize Signing Officer
statement by 1, <u>Kelsey Shareman</u>	
(Address of W	<u> Lacadà 1/34-34-3</u>
hereby declare that I was personally present personally known to me to be the person named the same.	• • • •
Date: <u>5/5/20/3</u>	Signature of Witness)

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

Research In Motion Limited

Date:	03/04/2013	
		By: Name: Tim Rollings
		Title: Serior Director, Taxation

I, Kelsey Shorenary whose full Post Office Address is 176 Columbia St. W. Medezioo On Canada New 343 (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: 3/4/20/3 (Signature of Witness)

Legal OK

RIM OK

SCHEDULE "A" to Confirmation and Assignment

Country Code	Appln. No.	File Date	RIM File #	
d H	10290447	Aug 16 2010	38204-1-EP-EPA	8
S	13/816688	Jul 28 2011	38204-1-US-PCT	T-
Š	PCT/IB2011/002543	Jul 28 2011	38204-1-WO-PCT	T
a. W	10290446.3	Aug 16 2010	38204-EP-EPA	Γ
Sn	13/816687	Jul 28 2011	38204-US-PCT	<u> </u>
OM	PCT//B2011/002577	Jul 28 2011	38204-WO-PCT	
TW	101129109	Aug 10 2012	41757-TW-PAT	-
ജ	61/523021	Aug 12 2011	41757-US-PRV	Γ
SO	61/522998	Aug 12 2011	41757-US-PRV[2]	1
SN	61/523009	Aug 12 2011	41757-US-PRV[3]	T
US	61/523039	Aug 12 2011	41757-US-PRV[4]	T
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SS	61/523016	Aug 12 2011	41757-US-PRV[6]	Ι
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W	101149365	Dec 22 2012	43099-1-TW-PAT	····
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Sn	61/579964	Dec 23 2011	43099-1-US-PRV	·····
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TW	101149364	Dec 22 2012	43099-2-TW-PAT	·····
S	13/719608	Dec 19 2012	43099-2-US-PAT	Ι
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TW	101149361	Dec 22 2012	43099-3-TW-PAT	
S	13/719667	Dec 19 2012	43099-3-US-PAT	ſ
S	61/579923	Dec 23 2011	43099-3-US-PRV	ľ
TW	101149363	Dec 22 2012	43099-4-TW-PAT	T-
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TW	101149362	Dec 22 2012	43099-5-TW-PAT	1
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SS	13/719543	Dec 19 2012	43099-US-PAT
Sn	61/579947	Dec 23 2011	43099-US-PRV
OΜ	PCT/US2012/070812	Dec 20 2012	43099-WO-PCT
8	13/407444	Feb 28 2012	43530-US-PAT
ഭാ	61/558270	Nov 10 2011	43530-US-PRV
OM	PCT/CA2012/050793	Nov 08 2012	43530-WO-PCT
d H	12191937.7	Nov 09 2012	45595-EP-EPA
SN	13/673157	Nov 09 2012	45595-US-PAT
a. III	13151316.0	Jan 15 2013	45877-EP-EPA
SD	13/742036	Jan 15 2013	45877-US-PAT
SS	13/742181	Jan 15 2013	46268-US-PAT

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