

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5084012

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	RESEARCH IN MOTION JAPAN LIMITED	02/22/2011
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	RESEARCH IN MOTION LIMITED	
<b>Street Address:</b>	295 PHILLIP STREET	
<b>City:</b>	WATERLOO, ONTARIO	
<b>State/Country:</b>	CANADA	
<b>Postal Code:</b>	N2L 3W8	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15685898
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(877)769-7945	
<i>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.</i>		
<b>Email:</b>	apsi@fr.com	
<b>Correspondent Name:</b>	FISH & RICHARDSON P.C.	
<b>Address Line 1:</b>	P.O. BOX 1022	
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440	
<b>ATTORNEY DOCKET NUMBER:</b>	29717-0543005	
<b>NAME OF SUBMITTER:</b>	CHRISTIE LOVEN	
<b>SIGNATURE:</b>	/Christie Loven/.	
<b>DATE SIGNED:</b>	08/06/2018	
<b>Total Attachments: 6</b>		
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## CONFIRMATION AND ASSIGNMENT

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 "Inventions"); and

WHEREAS RESEARCH IN MOTION JAPAN LIMITED, a corporation organized under the laws of Japan, having a place of business at 5-27-7, Sendagaya, Shibuya-ku, Tokyo, 151-0051, Japan, (the "ASSIGNOR") and ASSIGNEE are parties to a Research and Development Services Agreement effective September 3, 2006 (the "R&D Agreement"), where said R&D Agreement provides that ASSIGNEE shall be the owner of all developments, modifications, improvements, adaptations of and derivative works, related to the Inventions, whether created by ASSIGNEE or ASSIGNOR or on their behalf ("Developments"); and

WHEREAS ASSIGNOR agrees that it has received full market consideration under the R&D Agreement; 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; 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, 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 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.

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

Research In Motion Japan Limited

Date: 02/22/11

By:   
Name: James Balsillie  
Title: Director

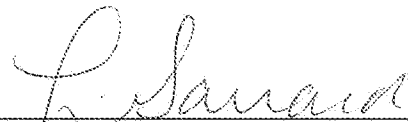
STATEMENT BY WITNESS

I, Lisa Garrard whose full Post Office Address is

2200 University Ave. E., Waterloo ON, N2K 0A7  
(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: 02/22/11

  
(Signature of Witness)

Legal OK

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

Research In Motion Limited

Date: 08/11/11

By: 

Name: Gary Beck

Title: Authorized Signing Officer

**STATEMENT BY WITNESS**

I, Breanne Woodrow whose full Post Office Address is

2200 University Ave E, Waterloo, ON, N2K 0A7  
(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: 08/11/11

Breanne Woodrow  
(Signature of Witness)

Legal OK

## SCHEDULE "A" to Confirmation and Assignment

Country Code	Appl. No.	File Date	RIM File #
BR	PCT/US09/46469	Jun 05 2009	33877-BR-PCT
CA	PCT/US09/46469	Jun 05 2009	33877-CA-PCT
CN	PCT/US09/46469	Jun 05 2009	33877-CN-PCT
EP	09759543.3	Jun 05 2009	33877-EP-EPT
IN	8010/CHENP/2010	Jun 05 2009	33877-IN-PCT
JP	PCT/US09/46469	Jun 05 2009	33877-JP-PCT
KR	10-2011-7000261	Jun 05 2009	33877-KR-PCT
MX	MX/a/2010/013338	Jun 05 2009	33877-MX-PCT
US	12/479556	Jun 05 2009	33877-US-PAT
US	61/059490	Jun 06 2008	33877-US-PRV
WO	PCT/US2009/046469	Jun 05 2009	33877-WO-PCT
US	61/162594	Mar 23 2009	34895-1-US-PRV
EP	10152444.5	Feb 02 2010	34895-EP-EPA
US	12/698514	Feb 02 2010	34895-US-PAT
US	61/149226	Feb 02 2009	34895-US-PRV
US	12/770585	Apr 29 2010	35543-US-PAT
US	61/174920	May 01 2009	35543-US-PRV
WO	PCT/GB2010/000881	Apr 30 2010	35543-WO-PCT
US	12/817147	Jun 16 2010	35596-1-US-PAT
US	61/187631	Jun 16 2009	35596-1-US-PRV
WO	PCT/IB2010/001633	Jun 16 2010	35596-1-WO-PCT
US	12/817151	Jun 16 2010	35596-2-US-PAT
US	61/187633	Jun 16 2009	35596-2-US-PRV
WO	PCT/IB2010/001702	Jun 16 2010	35596-2-WO-PCT
US	12/817154	Jun 16 2010	35596-3-US-PAT
US	61/187636	Jun 16 2009	35596-3-US-PRV
WO	PCT/IB2010/001643	Jun 16 2010	35596-3-WO-PCT
US	12/817157	Jun 16 2010	35596-4-US-PAT
US	61/187640	Jun 16 2009	35596-4-US-PRV
WO	PCT/IB2010/001703	Jun 16 2010	35596-4-WO-PCT

US	12/817159	Jun 16 2010	35596-5-US-PAT
US	61/187643	Jun 16 2009	35596-5-US-PRV
WO	PCT/IB2010/001644	Jun 16 2010	35596-5-WO-PCT
US	12/817142	Jun 16 2010	35596-US-PAT
US	61/187629	Jun 16 2009	35596-US-PRV
WO	PCT/IB2010/001707	Jun 16 2010	35596-WO-PCT
US	12/698974	Feb 02 2010	36020-2-US-PAT
WO	PCT/US11/23198	Jan 31 2011	36020-2-WO-PCT

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