

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3090521

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	RESEARCH IN MOTION CORPORATION	07/10/2013
RECEIVING PARTY DATA		
Name:	BLACKBERRY LIMITED	
Street Address:	2200 UNIVERSITY AVENUE EAST	
City:	WATERLOO, ONTARIO	
State/Country:	CANADA	
Postal Code:	N2K 0A7	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14521799
CORRESPONDENCE DATA		
Fax Number:	(847)510-0710	
<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>		
Phone:	847-382-1501	
Email:	docketing@ggip.com	
Correspondent Name:	GUNTIN & GUST, PLC	
Address Line 1:	304 INDIAN TRACE	
Address Line 2:	#750	
Address Line 4:	WESTON, FLORIDA 33326	
ATTORNEY DOCKET NUMBER:	10209-0004-17 (4 OF 4)	
NAME OF SUBMITTER:	ANDREW GUST	
SIGNATURE:	/Andrew Gust/	
DATE SIGNED:	10/31/2014	
Total Attachments: 15		
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CONFIRMATION AND ASSIGNMENT

WHEREAS RESEARCH IN MOTION CORPORATION, a corporation organized under the laws of the State of Delaware, U.S.A., having a place of business at The Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware, 19801, U.S.A., (the "ASSIGNOR") is the owner of certain rights, title and interest in and to certain inventions and designs (the "Assignor Inventions"); and

WHEREAS BLACKBERRY 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, 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.

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

Research In Motion Corporation

Date: July 10, 2013

By:

Name:

Title:

James Yersh
Authorized Signing Officer

STATEMENT BY WITNESS

I, Jamie-Lyn Hebert whose full Post Office Address is

176 Columbia St W, Woderico, ON, N2L 3L3, Canada
(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: July 10, 2013

(Signature of Witness)

Jamie-Lyn Hebert

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

BlackBerry Limited

Date: 07/30/2013

By:

Name: TIM ROWLS

Title: Vice, President, Taxation

STATEMENT BY WITNESS

I, Jamie-Lyn Hebert whose full Post Office Address is

2200 University Avenue E., Waterloo, Ontario, N2K0K7, Canada
(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: July 30, 2013

(Signature of Witness)

Legal OK

JLH ASPer V6.2

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SCHEDULE "A" to Confirmation and Assignment

Country Code	Appln. No.	File Date	RIM File #
US	11/637529	Dec 12 2006	44777-US-PAT
US	13/168529	Jun 24 2011	44778-US-CNT
US	13/693388	Dec 04 2012	44778-US-CNT[2]
US	11/940309	Nov 14 2007	44778-US-PAT
WO	PCT/US2008/083529	Nov 14 2008	44778-WO-PCT
US	11/361513	Feb 24 2006	44877-US-CIP
US	12/286012	Sep 27 2008	44877-US-DIV
US	11/353930	Feb 14 2006	44877-US-PAT
US	60/653162	Feb 15 2005	44877-US-PRV
US	11/799242	May 01 2007	44878-US-PAT
US	11/245898	Oct 08 2005	44879-US-CIP
US	11/602114	Nov 20 2006	44879-US-CIP[2]
US	10/938898	Sep 10 2004	44879-US-CNT
US	12/952395	Nov 23 2010	44879-US-CNT[2]
US	13/302617	Nov 22 2011	44879-US-CNT[3]
US	13/302649	Nov 22 2011	44879-US-CNT[4]
US	13/745610	Jan 18 2013	44879-US-CNT[5]
US	13/745624	Jan 18 2013	44879-US-CNT[6]
US	10/455901	Jun 06 2003	44879-US-DIV
US	11/336566	Jan 20 2006	44879-US-DIV[2]
US	11/708286	Feb 20 2007	44879-US-DIV[3]
US	10/456683	Jun 06 2003	44879-US-DIV[4]
US	12/077136	Mar 17 2008	44879-US-DIV[5]
US	12/077137	Mar 17 2008	44879-US-DIV[6]
US	12/077139	Mar 17 2008	44879-US-DIV[7]
US	12/077140	Mar 17 2008	44879-US-DIV[8]
US	09/909187	Jul 19 2001	44879-US-PAT
US	60/219500	Jul 20 2000	44879-US-PRV
US	13/416810	Mar 09 2012	44879-US-REI[2]
WO	PCT/US2001/022675	Jul 19 2001	44879-WO-PCT

US	12/718615		Mar 05 2010	44880-US-CNT
US	13/293544		Nov 10 2011	44880-US-CNT[2]
US	13/293550		Nov 10 2011	44880-US-CNT[3]
US	13/889806		May 08 2013	44880-US-CNT[4]
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US	11/890901		Aug 08 2007	44881-US-CNT
US	13/069434		Mar 23 2011	44881-US-CNT[2]
US	13/752708		Jan 29 2013	44881-US-CNT[3]
US	13/895774		May 16 2013	44881-US-CNT[4]
US	11/728458		Mar 22 2007	44881-US-PAT
WO	PCT/US2008/004919		Apr 16 2008	44881-WO-PCT
WO	PCT/US2008/004935		Apr 17 2008	44881-WO-PCT[2]
US	12/313491		Nov 20 2008	44882-US-DIV
US	12/217239		Jul 02 2008	44882-US-DIV[2]
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US	12/012901		Feb 06 2008	44882-US-PAT[2]
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US	61/192091		Sep 15 2008	44884-US-PRV
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US	10/301981		Nov 22 2002	44885-US-CIP[3]
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US	10/687506		Oct 16 2003	44885-US-DIV
US	11/707816		Feb 17 2007	44885-US-DIV[2]
US	09/594837		Jun 15 2000	44885-US-PAT
US	60/295046		Jun 01 2001	44885-US-PRV
WO	PCT/US2001/016501		Jun 08 2001	44885-WO-PCT

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US	12/285841		Oct 02 2008	44886-US-DIV
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US	11/377722		Mar 16 2006	44888-US-CNT
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US	11/494086		Jul 27 2006	44889-US-CNT
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US	10/068707		Feb 06 2002	44957-US-DIV

US	10/088512		Feb 06 2002	44957-US-DIV[2]
US	10/068355		Feb 06 2002	44957-US-DIV[3]
US	10/068734		Feb 06 2002	44957-US-DIV[4]
US	09/419047		Oct 15 1999	44957-US-PAT
US	60/104503		Oct 16 1998	44957-US-PRV
US	10/388788		Mar 14 2003	44958-US-CIP
US	10/716147		May 17 2004	44958-US-CIP[2]
US	10/858016		Jun 01 2004	44958-US-CIP[3]
US	10/959562		Oct 06 2004	44958-US-CIP[4]
US	10/959559		Oct 06 2004	44958-US-CIP[5]
US	10/959633		Oct 06 2004	44958-US-CIP[6]
US	12/313128		Nov 17 2008	44958-US-DIV
US	60/365383		Mar 18 2002	44958-US-PRV
US	10/952264		Sep 28 2004	44959-US-CNT
US	09/932749		Aug 17 2001	44959-US-PAT
US	60/227438		Aug 22 2000	44959-US-PRV
US	10/767363		Jan 29 2004	44960-US-PAT
US	60/445348		Feb 05 2003	44960-US-PRV
WO	PCT/US2004/003524		Feb 05 2004	44960-WO-PCT
US	10/636868		Aug 07 2003	44961-US-DIV
US	09/834327		Apr 13 2001	44961-US-PAT
WO	PCT/US2002/011361		Apr 11 2002	44961-WO-PCT
US	10/361271		Feb 10 2003	44962-US-DIV
US	10/361272		Feb 10 2003	44962-US-DIV[2]
US	09/621183		Jul 21 2000	44962-US-PAT
US	10/979001		Nov 01 2004	44963-US-CNT
US	09/457943		Dec 09 1999	44963-US-PAT
US	60/111868		Dec 11 1998	44963-US-PRV
US	10/811706		Mar 29 2004	44964-US-CIP
US	10/673033		Sep 27 2003	44964-US-PAT
US	10/822563		Apr 08 2004	44965-US-CIP
US	10/765678		Jan 26 2004	44965-US-CNT
US	10/144185		May 10 2002	44965-US-PAT
US	60/337364		Dec 05 2001	44965-US-PRV

US	60/462594		Apr 11 2003	44965-US-PRV[2]
WO	PCT/US2002/036428		Nov 11 2002	44965-WO-PCT
US	09/544550		Apr 06 2000	44966-US-PAT
US	13/467641		May 09 2012	44967-US-CNT
US	12/407802		Mar 20 2009	44967-US-PAT
US	09/838412		Apr 19 2001	44968-US-PAT
US	12/729221		Mar 22 2010	44969-US-PAT
US	12/287807		Oct 14 2008	44970-US-PAT
AU	2011242798		Apr 20 2011	44971-AU-PCT
CA	2797074		Apr 20 2011	44971-CA-PCT
CN	201180030495.7		Apr 20 2011	44971-CN-PCT
EP	11772625.7		Apr 20 2011	44971-EP-EPT
IN			Apr 20 2011	44971-IN-PCT
JP	2013-506269		Apr 20 2011	44971-JP-PCT
KR	10-2012-7030387		Apr 20 2011	44971-KR-PCT
SG	201207749.1		Apr 20 2011	44971-SG-PCT
US	13/090575		Apr 20 2011	44971-US-PAT
US	13/090583		Apr 20 2011	44971-US-PAT[2]
US	61/326206		Apr 20 2010	44971-US-PRV
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CA	2815672		Nov 07 2011	44972-CA-PCT
CN	201180053811.2		Nov 07 2011	44972-CN-PCT
EP	11840191.8		Nov 07 2011	44972-EP-EPT
IN	3212/CHENP/2013		Nov 07 2011	44972-IN-PCT
US	13/005122		Jan 12 2011	44972-US-CNT
US	13/856075		Apr 03 2013	44972-US-DIV
US	12/941972		Nov 08 2010	44972-US-PAT
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US	13/030177		Feb 18 2011	44974-US-PAT
WO	PCT/US2012/025547		Feb 17 2012	44974-WO-PCT
EP	12749235.3		Feb 24 2012	44975-EP-EPT
US	13/035417		Feb 25 2011	44975-US-PAT
WO	PCT/US2012/026458		Feb 24 2012	44975-WO-PCT

EP	97928073.2		Jun 26 1997	44977-EP-EPT
JP	2009-023545		Feb 04 2009	44977-JP-PCD
JP	2012-237968		Oct 29 2012	44977-JP-PCD[2]
JP	10-503681		Dec 25 1998	44977-JP-PCT
US	08/671057		Jun 27 1996	44977-US-PAT
WO	PCT/CA1997/000458		Jun 26 1997	44977-WO-PCT
EP	13163848.0		Feb 04 2013	44978-EP-EPA
US	13/757999		Feb 04 2013	44978-US-PAT
EP	12199273.9		Dec 21 2012	44979-EP-EPA
US	13/724040		Dec 21 2012	44979-US-PAT
TW	101117467		May 16 2012	44980-TW-PAT
TW	101117468		May 16 2012	44980-TW-PAT[2]
US	13/108463		May 16 2011	44980-US-PAT
US	13/108589		May 16 2011	44980-US-PAT[1]
WO	PCT/US2012/037942		May 15 2012	44980-WO-PCT
WO	PCT/US2012/037943		May 15 2012	44980-WO-PCT[2]
US	61/515424		Aug 05 2011	44982-US-PRV
WO	PCT/US2012/049723		Aug 06 2012	44982-WO-PCT
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US	13/552804		Jul 19 2012	44996-US-PAT
CA	2815900		May 15 2013	45404-CA-PAT
CN	201310214494.9		May 31 2013	45404-CN-PAT
EP	13169120.6		May 24 2013	45404-EP-EPA
IN	2132/CHE/2013		May 15 2013	45404-IN-PAT
US	13/486914		Jun 01 2012	45404-US-PAT
CA			Jun 19 2013	47694-CA-PAT
US	61/831575		Jun 05 2013	47694-US-PRV