

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3433566

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BLACKBERRY CORPORATION	09/13/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BLACKBERRY LIMITED
<b>Street Address:</b>	2200 UNIVERSITY AVENUE EAST
<b>City:</b>	WATERLOO
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	N2K A07
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14796241
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Phone:</b>	561-989-9811
<b>Email:</b>	ptoboca@fggbb.com
<b>Correspondent Name:</b>	FLEIT GIBBONS GUTMAN BONGINI & BIANCO P.
<b>Address Line 1:</b>	551 NW 77TH STREET
<b>Address Line 2:</b>	SUITE 111
<b>Address Line 4:</b>	BOCA RATON, FLORIDA 33487
<b>ATTORNEY DOCKET NUMBER:</b>	46978-US-CNT
<b>NAME OF SUBMITTER:</b>	JEFFREY GIUNTA
<b>SIGNATURE:</b>	/Jeffrey Giunta/
<b>DATE SIGNED:</b>	07/10/2015
<b>Total Attachments: 6</b>	
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## CONFIRMATION AND ASSIGNMENT

WHEREAS BLACKBERRY 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.

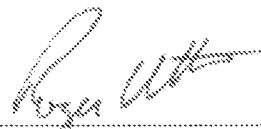
IF ANY COVENANT OR PROVISION, or portion thereof, of this document is determined to be void or unenforceable, such void or unenforceable covenant or provision, or portion thereof, is hereby conceded to be severable from the balance of this document, and any such determination shall not, in any event, 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:

**BlackBerry Corporation**

Date: Sept 13, 2003

  
By: \_\_\_\_\_  
Name: Roger Wilkerson  
Title: Vice-President

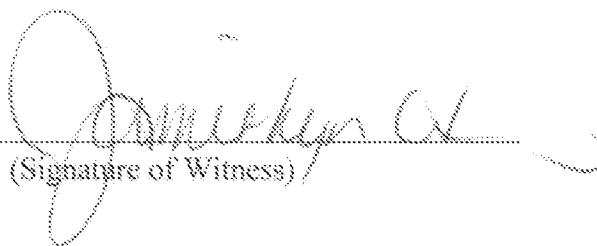
**STATEMENT BY WITNESS**

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

2200 University Avenue & Waterloo, Ontario, N2K 0A7,  
(Address of Witness) Canada

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: Sept 13, 2003

  
(Signature of Witness)

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

BlackBerry Limited

Date: 09/13/2013

By: 

Name: Tim Rowles

Title: Vice President,  
Taxation

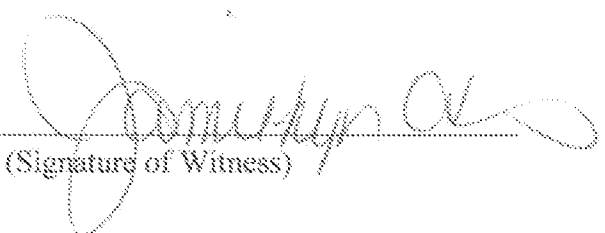
STATEMENT BY WITNESS

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2200 University Avenue E., Waterloo, ON, N2K 0A7,  
(Address of Witness) Canada

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: Sept 13, 2013

  
(Signature of Witness)

## SCHEDULE "A" to Confirmation and Assignment

Country Code	Appin. No.	File Date	RIM File #
CA	2742069	Oct 29 2009	34477-CA-PCT
EP	09749269.8	Oct 29 2009	34477-EP-EPT
US	13/973745	Aug 22 2013	34477-US-CNT
US	12/608605	Oct 29 2009	34477-US-PAT
US	61/109396	Oct 29 2008	34477-US-PRV
US	61/112729	Nov 08 2008	34477-US-PRV 2
WO	PCT/US2009/062543	Oct 29 2009	34477-WO-PCT
US	13/634636	Mar 03 2011	36343-US-PCT
WO	PCT/US2011/027016	Mar 03 2011	36343-WO-PCT
US	29/42009	May 03 2012	38646-US-DED
US	29/420010	May 03 2012	38646-US-DED 2
US	29/366298	Jul 22 2010	38646-US-DES
US	13/094246	Apr 26 2011	41448-US-PAT
WO	PCT/US2011/033962	Apr 26 2011	41448-WO-PCT
WO	PCT/US2011/047438	Aug 11 2011	42594-WO-PCT
CA	2792765	Oct 17 2012	42723-CA-PAT
EP	12188860.4	Oct 17 2012	42723-EP-EPA
US	13/654099	Oct 17 2012	42723-US-PAT
US	61/548131	Oct 17 2011	42723-US-PRV
US	13/743253	Jan 16 2013	45162-US-PAT
WO	PCT/US2013/021737	Jan 16 2013	45162-WO-PCT
US	13/743261	Jan 16 2013	45170-US-PAT
WO	PCT/US2013/021735	Jan 16 2013	45170-WO-PCT
EP	12188394.6	Oct 12 2012	45611-EP-EPA
US	13/622834	Sep 19 2012	45611-US-PAT
US	13/661629	Oct 26 2012	45787-US-PAT
US	13/665797	Oct 19 2012	45881-1-US-PAT
US	13/633471	Oct 02 2012	45881-US-PAT
EP	13173423.8	Jun 24 2013	46755-EP-EPA
US	13/925111	Jun 24 2013	46755-US-PAT

US	13/925299	Jun 24 2013	46843-US-PAT
US	13/637819	Mar 15 2013	46870-US-PAT
US	13/936648	Jun 08 2013	46978-US-PAT
EP	13168147.0	May 16 2013	47049-EP-EPA
US	13/895681	May 16 2013	47049-US-PAT
EP	13170286.4	Jun 03 2013	47127-EP-EPA
US	13/908823	Jun 03 2013	47127-US-PAT
EP	13174421.1	Jun 28 2013	47210-1-EP-EPA
US	13/930981	Jun 28 2013	47210-1-US-PAT
EP	13174418.7	Jun 28 2013	47210-EP-EPA
US	13/931036	Jun 28 2013	47210-US-PAT

PATENT

REEL: 036058 FRAME: 0112

RECORDED: 07/10/2015