

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3252970

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WILLIAM ANTHONY GAGE	07/19/2014
BISWAROOP MUKHERJEE	02/13/2015
ROBERT NOVAK	07/24/2014
MASOUD EBRAHIMI TAZEH MAHALLEH	08/26/2014
RECEIVING PARTY DATA	
Name:	BLACKBERRY LIMITED
Street Address:	2200 UNIVERSITY AVENUE EAST
City:	WATERLOO, ON
State/Country:	CANADA
Postal Code:	N2K 0A7
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13891498
CORRESPONDENCE DATA	
Fax Number:	(972)731-2289
<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:	972-731-2288
Email:	jchan@dfw.conleyrose.com
Correspondent Name:	J. ROBERT BROWN, JR.
Address Line 1:	5601 GRANITE PARKWAY, SUITE 500
Address Line 4:	PLANO, TEXAS 75024
ATTORNEY DOCKET NUMBER:	47090-US-PAT (4214-41300)
NAME OF SUBMITTER:	J. ROBERT BROWN, JR.
SIGNATURE:	/J. Robert Brown, Jr./
DATE SIGNED:	03/05/2015
Total Attachments: 6	
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WORLDWIDE ASSIGNMENT

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

GAGE, William Anthony, 15 Buttonwood Tr., Stittsville, Ontario, K2S 1C9, Canada

MUKHERJEE, Biswaroop, 4000 Innovation Drive, Ext. 12347, Kanata, Ontario, K2K 3K1, Canada

NOVAK, Robert, 343 Eckerson Ave., Stittsville, Ontario, K2S 0K9, Canada

EBRAHIMI TAZEH MAHALLEH, Masoud, 204 Applecross Cres., Ottawa, Ontario, K2K 0C7, Canada

am an/are inventor(s) of an invention entitled **MECHANISMS FOR DIRECT INTER-DEVICE SIGNALING** ("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:

US, Application # 13/891,498 filed 10 May 2013

PCT, Application # PCT/US2013/040512 filed 10 May 2013

AND WHEREAS, **BLACKBERRY 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 2200 University Avenue East, Waterloo, Ontario, N2K 0A7, 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 are 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; inclusive of any and all priority rights, including the right to claim priority, derived from 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; the right in and to any patent or reissue patent relating to the Applications, Further Applications and Divisionals ("Grants"); 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 Invention, Applications, Grants, 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, Grants, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNOR(S) does/do hereby agree, upon request, to provide assistance and to execute any and all further documents, at the expense of ASSIGNEE and/or its successors and assigns (as applicable), 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, Grants 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 and at the expense of ASSIGNEE and/or its successors and assigns (as applicable), any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

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.

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.

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

William Anthony Gage

Date: 2014-07-19

GAGE, William Anthony,
15 Buttonwood Tr.,
Stittsville, Ontario,
K2S 1C9,
Canada

STATEMENT BY WITNESS

I, Joanne Gage, whose full Post Office address is

15 Buttonwood Trail, Stittsville ON K2S 1C9.

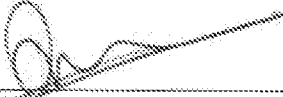
(Address of Witness)

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.

Joanne Gage
(Signature of Witness)

Date: July 19, 2014

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



MUKHERJEE, Biswaroop,
4000 Innovation Drive, Ext. 12347,
Kanata, Ontario,
K2K 3K1,
Canada

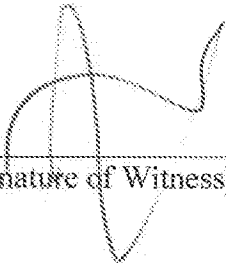
Date: Feb 13, 2015

STATEMENT BY WITNESS

I, TREVOR SWEENEY, whose full Post Office address is

222 CARUSO ST, Ayrview ON, K7S3Y2
(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.



(Signature of Witness)

Date: Feb 13, 2015

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



NOVAK, Robert,
343 Eckerson Ave.,
Stittsville, Ontario,
K2S 0K9,
Canada


Date: July 24, 2014

STATEMENT BY WITNESS

I, Natalie Novak, whose full Post Office address is

343 Eckerson Ave, Stittsville ON
(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.



(Signature of Witness)

Date: July 24 '14

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

Masoud Ebrahimi Date: Aug. 26, 2014
EBRAHIMI TAZEH MAHALLEH, Masoud,
204 Applecross Cres.,
Ottawa, Ontario,
K2K 0C7,
Canada

STATEMENT BY WITNESS

I, Mehrang Bolestanah, whose full Post Office address is
204 Applecross Crescent, Ottawa, ON, Canada
(Address of Witness) K2K 0C7

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.

Mehrang Bolestanah
(Signature of Witness)

Date: Aug. 26, 2014