

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Surajit Sengupta</td> <td>09/10/2013</td> </tr> <tr> <td>Yu William Feng</td> <td>09/10/2013</td> </tr> <tr> <td>Jonathan Quinn Brubacher</td> <td>09/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Surajit Sengupta	09/10/2013	Yu William Feng	09/10/2013	Jonathan Quinn Brubacher	09/10/2013		
Name	Execution Date										
Surajit Sengupta	09/10/2013										
Yu William Feng	09/10/2013										
Jonathan Quinn Brubacher	09/10/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Blackberry Limited</td> </tr> <tr> <td>Street Address:</td> <td>295 Phillip Street</td> </tr> <tr> <td>City:</td> <td>Waterloo, Ontario</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>N2L 3W8</td> </tr> </table>		Name:	Blackberry Limited	Street Address:	295 Phillip Street	City:	Waterloo, Ontario	State/Country:	CANADA	Postal Code:	N2L 3W8
Name:	Blackberry Limited										
Street Address:	295 Phillip Street										
City:	Waterloo, Ontario										
State/Country:	CANADA										
Postal Code:	N2L 3W8										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14034673</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14034673						
Property Type	Number										
Application Number:	14034673										
CORRESPONDENCE DATA											
Fax Number: 8602860115 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 8602862929 Email: usptopatentmail@cantorcolburn.com Correspondent Name: Cantor Colburn and RIM Address Line 1: 20 Church Street Address Line 2: 22nd Floor Address Line 4: Hartford, CONNECTICUT 06103											
ATTORNEY DOCKET NUMBER:	47626-US-PAT										
NAME OF SUBMITTER:	Brian S. Pickell										
Signature:	/Brian S. Pickell/										

Date:

09/24/2013

Total Attachments: 5

source=6UD3203#page1.tif

source=6UD3203#page2.tif

source=6UD3203#page3.tif

source=6UD3203#page4.tif

source=6UD3203#page5.tif

WORLDWIDE ASSIGNMENT

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

SENGUPTA, Surajit, 295 Phillip Street, Ext. 70716, Waterloo, Ontario, N2L 3W8, Canada
FENG, Yu William, 295 Phillip Street, Ext. 74466, Waterloo, Ontario, N2L 3W8, Canada
BRUBACHER, Jonathan Quinn, 295 Phillip Street, Ext. 72997, Waterloo, Ontario, N2L 3W8, Canada

am an/are inventor(s) of an invention entitled **SYSTEM AND METHOD OF MITIGATING HIGH-TEMPERATURE, HIGH-CHARGE GAS SWELLING OF BATTERY OF PORTABLE ELECTRONIC DEVICE** ("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 # 14/034673 Filed 09/24/2013

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 295 Phillip Street, Waterloo, Ontario, N2L 3W8, 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:



SENGUPTA, Surajit
295 Phillip Street, Ext. 70716,
Waterloo, Ontario,
N2L 3W8, Canada

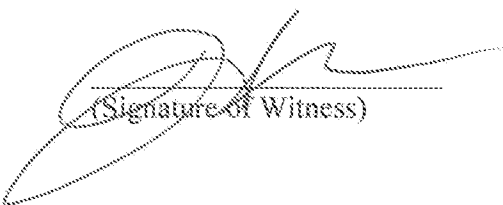
Date: September 10, 2013

STATEMENT BY WITNESS

I, Che - Ming Jimmy W, whose full Post Office address is

295 Phillip St. Waterloo, Ontario, N2L 3W8 CANADA
(Address of Witness)

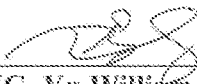
hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.



(Signature of Witness)

Date: Sept 12, 2013

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

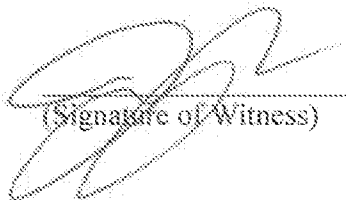

FENG, Yu William
295 Phillip Street, Ext. 74466,
Waterloo, Ontario,
N2L 3W8, Canada

Date: Sep 10 2013

STATEMENT BY WITNESS

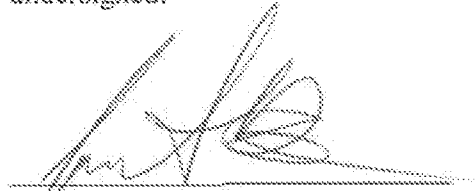
I, Chae Ming Jimmy W., whose full Post Office address is
295 Phillip St. Waterloo, Ontario, N2L 3W8, Canada
(Address of Witness)

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: Sep 10, 2013

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



BRUBACHER, Jonathan Quinn
295 Phillip Street, Ext. 72997,
Waterloo, Ontario,
N2L 3W8, Canada

Date: Sept 10, 2013

STATEMENT BY WITNESS

I, Chee-Ming Jimmy Wu, whose full Post Office address is

295 Phillip Street, Waterloo, Ontario, N2L 3W8, Canada
(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: Sept 10, 2013