PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2630780

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOHAMMED NAWAF SMADI	11/08/2013
GHADA BADAWY	11/08/2013
GORAN HAGELTORN	11/11/2013

RECEIVING PARTY DATA

Name:	BlackBerry Limited	
Street Address:	2200 University Avenue East	
City:	Waterloo	
State/Country:	CANADA	
Postal Code:	N2K 0A7	

PROPERTY NUMBERS Total: 1

Property Type Number	
Application Number:	13971176

CORRESPONDENCE DATA

 Fax Number:
 (800)660-3911

 Phone:
 416-630-0071

 Email:
 uspto@integralip.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: INTEGRAL INTELLECTUAL PROPERTY INC.

Address Line 1: 4400 BATHURST STREET, SUITE 10

Address Line 4: TORONTO, CANADA M3H 3R8

ATTORNEY DOCKET NUMBER:	RIM195-01US	
NAME OF SUBMITTER:	MIRIAM PATON	
Signature:	/Miriam Paton, Reg. #56623/	
Date:	11/27/2013 PATENT	

502584685 REEL: 031684 FRAME: 0326

OP \$40,00 13971176

Total Attachments: 5

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> PATENT REEL: 031684 FRAME: 0327

WORLDWIDE ASSIGNMENT

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

SMADI, Mohammed Nawaf, 2200 University Ave. E., Ext. 74612, Waterloo, Ontario, N2K 0A2, Canada

BADAWY, Ghada, 2200 University Ave. E., Ext. 74409, Waterloo, Ontario, N2K 0A2, Canada HAGELTORN, Goran, 4000 Innovation Drive, Ext. 13050 Ottawa, Ontario, K2K 3K1, Canada

am an/are inventor(s) of an invention entitled MITIGATING INTERFERENCE BETWEEN CO-LOCATED WIRELESS TECHNOLOGIES ("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# 13/971176, filed on August 20, 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

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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.

Date: Nov. 8, 20/3 SMADI, Mohammed Nawaf, 2200 University Ave. E., Ext. 74612, Waterloo, Ontario, N2K 0A2, Canada STATEMENT BY WITNESS 1, Mohamud D. Hahamed , whose full Post Office add 137 A. Marthlake Drive, Waterloo N2) (Address of Witness) hereby declare that I was personally present and did see the above named person, persoknown to me to be a person named in the Worldwide Assignment, duly sign and execut (Signature of Witness)		The state of the s	and the same of th
SMADI, Mohammed Nawaf, 2200 University Ave. E., Ext. 74612, Waterloo, Ontario, N2K 0A2, Canada STATEMENT BY WITNESS 1, Mohamed Drive, whose full Post Office add \[\frac{132 A North are Drive, Waterloo}{(Address of Witness)} \] hereby declare that I was personally present and did see the above named person, person known to me to be a person named in the Worldwide Assignment, duly sign and execution. \[132 A North are Drive, Waterloo (Address of Witness) \] Date: \[\frac{132 A 2 2 1 3 \]	₹	The same of the sa	The state of the s
SMADI, Mohammed Nawaf, 2200 University Ave. E., Ext. 74612, Waterloo, Ontario, N2K 0A2, Canada STATEMENT BY WITNESS 1, Mohamed D. Mohamed, whose full Post Office add \[\frac{\sqrt{32A North a lo Drive}}{(Address of Witness)} \] hereby declare that I was personally present and did see the above named person, person known to me to be a person named in the Worldwide Assignment, duly sign and execution. \[\frac{\sqrt{16A Manual}}{(\sqrt{16A Manual})} \] Date: \[\frac{\sqrt{16A Manual}}{(\sqrt{16A Manual})} \] Date: \[\frac{\sqrt{16A Manual}}{(\sqrt{16A Manual})} \]	na novo ta a capação como	Anna para managana m	and the second of the second o
SMADI, Mohammed Nawaf, 2200 University Ave. E., Ext. 74612, Waterloo, Ontario, N2K 0A2, Canada STATEMENT BY WITNESS I, Mohamed D. Ylahamed, whose full Post Office add \[\frac{\frac{32\text{A}}{\text{Months}} \frac{\text{Months}}{\text{A}} \frac{\text{A}}{\text{A}} \frac{\text{A}}{\text{A}} \frac{\text{A}}{\text{A}} \frac{\text{A}}{\text{A}} \frac{\text{Months}}{\text{A}} \frac{\text{Months}}{\text{A}} \frac{\text{Months}}{\text{A}} \frac{\text{A}}{\text{A}} \frac{\text{A}}	communicación Alemanicación	and the second second	= 1 / J1/2
STATEMENT BY WITNESS 1, Mahama D. Mahama , whose full Post Office add 132 A North ale Drive, Water loo N2) (Address of Witness) hereby declare that I was personally present and did see the above named person, personally no me to be a person named in the Worldwide Assignment, duly sign and execut	CHANN	V. Makamanad Marrad	Date:
STATEMENT BY WITNESS 1, Mahamel D. Mahamel , whose full Post Office add 32 A North are Drive, Water loo N2 (Address of Witness) hereby declare that I was personally present and did see the above named person, person known to me to be a person named in the Worldwide Assignment, duly sign and execut Mahamal Date: Nov 8, 2013			2.
I, Mohamed D. Mohamed, whose full Post Office additional and the Drive, Waterland N2) (Address of Witness) hereby declare that I was personally present and did see the above named person, person known to me to be a person named in the Worldwide Assignment, duly sign and execution. Manual Date: Nov 8, 2013			
I, Mohamed D. Mohamed, whose full Post Office add 132 A North a Prive, Water 100 N2) (Address of Witness) hereby declare that I was personally present and did see the above named person, person known to me to be a person named in the Worldwide Assignment, duly sign and execution. Managed Date: Nov 8, 2013			
I, Mohane, D. Mohanes, whose full Post Office add 132 A North ale Drive, Water 100 N2) (Address of Witness) hereby declare that I was personally present and did see the above named person, perso known to me to be a person named in the Worldwide Assignment, duly sign and execut			
I, Mohand D. Mohand, whose full Post Office add 32 A North ale Drive, Water 100 N2) (Address of Witness) hereby declare that I was personally present and did see the above named person, perso known to me to be a person named in the Worldwide Assignment, duly sign and executive Manada Date: Nov 8, 2013			
I, Mohand D. Mohand, whose full Post Office add 132 A North ale Drive, Water 100 N2) (Address of Witness) hereby declare that I was personally present and did see the above named person, perso known to me to be a person named in the Worldwide Assignment, duly sign and executive Manada 1988.			
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I, Mohand D. Mohand, whose full Post Office add 32 A North ale Drive, Water 100 N2) (Address of Witness) hereby declare that I was personally present and did see the above named person, perso known to me to be a person named in the Worldwide Assignment, duly sign and executive Manada Date: Nov 8, 2013		<u> </u>	STATEMENT BY WITNESS
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known to me to be a person named in the Worldwide Assignment, duly sign and execute the second secon			
<u>Mhumu</u> Date: <u>Mbv 9, 2013</u>			
		132 A North Lo	(Address of Witness) (Address and did see the above named person, persor
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Local Distriction of the 12 section 12		132 A North Lo	(Address of Witness) (Address of Witness) Ally present and did see the above named person, persored in the Worldwide Assignment, duly sign and execute
	knowr	declare that I was personal to me to be a person name.	(Address of Witness) (Address of Witness) Ally present and did see the above named person, persored in the Worldwide Assignment, duly sign and execute
	knowr	declare that I was personal to me to be a person name.	(Address of Witness) (Address of Witness) Ally present and did see the above named person, persored in the Worldwide Assignment, duly sign and execute

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date: <u>08 Dov 20/3</u> BADAWY, Ghada,
2200 University Ave. E., Ext. 74409, Waterloo, Ontario, N2K 0A2, Canada
STATEMENT BY WITNESS
I, No hamed D. Mahamed, whose full Post Office address is
132A Northlake Drive Waterloo Nev 1146 (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.
<u>Mondal</u> Date: <u>Nov 8, 2013</u> (Signature of Witness)

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

4000 Innovation Drive, Ext. 13050 Ottawa, Ontario, K2K 3K1, Canada

Sale: 20/3-1/-1/

STATEMENT BY WITNESS

I, ______, whose full Post Office address is 264 Keyrock prive, Otlawa, ON, K2TOG2.
(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: Nov. 11 , 2013

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RECORDED: 11/27/2013