506323819 10/27/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6370569

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYAN DAVID STEEVES	08/07/2013
RUDOLPH FERDINAND ZIEGLER	08/08/2013
ALEXANDER JAMES PEDWYSOCKI	08/09/2013
HAOBIN LI	08/12/2013

RECEIVING PARTY DATA

Name:	BLACKBERRY LIMITED
Street Address:	295 PHILLIP STREET
City:	WATERLOO, ONTARIO
State/Country:	CANADA
Postal Code:	N2L 3W8

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16940164

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2147475070 **Email:** apsi@fr.com

Correspondent Name: FISH & RICHARDSON P.C.

Address Line 1: P.O. BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440

ATTORNEY DOCKET NUMBER:	31234-0252002
NAME OF SUBMITTER:	MONICA GAMEZ
SIGNATURE:	/Monica Gamez/
DATE SIGNED:	10/27/2020

Total Attachments: 24

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PATENT 506323819 REEL: 054228 FRAME: 0356

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PATENT REEL: 054228 FRAME: 0357

WORLDWIDE ASSIGNMENT

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

STEEVES, Ryan David, 295 Phillip Street, Ext. 78399, Waterloo, ON, N2L 3W8, Canada ZIEGLER, Rudolph Ferdinand, 4701 Tahoe Blvd, Ext. 15826, Mississauga, Ontario, L4W 0B5, Canada

PEDWYSOCKI, Alexander James, 4701 Tahoe Blvd, Ext. 15093, Mississauga, Ontario, L4W 0B5, Canada

LI, Haobin, 295 Phillip Street, Ext. 76546, Waterloo, ON, N2L 3W8, Canada

am an/are inventor(s) of an invention entitled CONTEXT SENSITIVE MESSAGE NOTIFICATIONS ("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 # 13/931,166 filed 28 June 2013 EP, Application # 13174437.7 filed 28 June 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

Page 1 of 6 V7.0

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:
Date: Accord 2 2003 STERVES, Ryan David 295 Phillip Street, Ext. 78399, Waterloo, ON, N2L 3W8, Canada
STATEMENT BY WITNESS
I, 実れ立む Cがへ , whose full Post Office address is
(Address of Witness)
(Madess of withess)
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)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date:
ZIEGLER, Rudolph Ferdinand 4701 Tahoe Blvd, Ext. 15826, Mississauga, Ontario, L4W 0B5, Canada
STATEMENT BY WITNESS
I,, whose full Post Office address is
(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.
Date: (Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date: PEDWYSOCKI, Alexander James 4701 Tahoe Blvd, Ext. 15093, Mississauga, Ontario, L4W 0B5, Canada
STATEMENT BY WITNESS
I,, whose full Post Office address is
(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.
Date: (Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date:
LI, Haobin 295 Phillip Street, Ext. 76546, Waterloo, ON, N2L 3W8, Canada
STATEMENT BY WITNESS
I,, whose full Post Office address is
(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.
Date:(Signature of Witness)

WORLDWIDE ASSIGNMENT

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

STEEVES, Ryan David, 295 Phillip Street, Ext. 78399, Waterloo, ON, N2L 3W8, Canada ZIEGLER, Rudolph Ferdinand, 4701 Tahoe Blvd, Ext. 15826, Mississauga, Ontario, L4W 0B5, Canada

PEDWYSOCKI, Alexander James, 4701 Tahoe Blvd, Ext. 15093, Mississauga, Ontario, L4W 0B5, Canada

LI, Haobin, 295 Phillip Street, Ext. 76546, Waterloo, ON, N2L 3W8, Canada

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US, Application # 13/931,166 filed 28 June 2013 EP, Application # 13174437.7 filed 28 June 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

Page 1 of 6 V7.0

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.

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IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date: STEEVES, Ryan David 295 Phillip Street, Ext. 78399, Waterloo, ON, N2L 3W8, Canada
STATEMENT BY WITNESS
I,, whose full Post Office address is
(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.
Date: (Signature of Witness)

Page 3 of 6

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date: Aug 8, 2013 ZIEGLER, Rudolph Ferdinand 4701 Tahoe Blvd, Ext. 15826, Mississauga, Ontario, L4W 0B5, Canada
STATEMENT BY WITNESS
I, /k/NA k/\201100//\alpha, whose full Post Office address is
217 Maurier Blud, Maple, ON, 164012
(Address of Witness)
nereby 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.
Date: Aug. 8, 20/3 Signature of Witness)
Wagnanian VA TY ASSESSES

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date:
PEDWYSOCKI, Alexander James 4701 Tahoe Blvd, Ext. 15093, Mississauga, Ontario, L4W 0B5, Canada
STATEMENT BY WITNESS
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Date: (Signature of Witness)

Page 5 of 6 V7.0

IN WITNESS WHEREOF, this Worldwide Assignment has undersigned:	is been executed below by the
Date:	
LI, Haobin 295 Phillip Street, Ext. 76546, Waterloo, ON, N2L 3W8, Canada	
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STEEVES, Ryan David 295 Phillip Street, Ext. 78399, Waterloo, ON, N2L 3W8, Canada	
STATEMENT BY WI	TNESS
Ĭ,	, whose full Post Office address is
(Address of Witne	ss)
hereby declare that I was personally present and did see known to me to be a person named in the Worldwide As	
(Signature of Witness)	2

Page 3 of 6 V7.0

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Date:
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Page 4 of 6 V7.0

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PEDWYSOCKI, Alexander James 4701 Tahoe Blvd, Ext. 15093, Mississauga, Ontario, L4W 0B5, Canada
STATEMENT BY WITNESS
I, Jonathan Jide Mineida, whose full Post Office address is
(Address of Witness)
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Date:

N WITNESS WHEREOF, this Worldwide Assignment has been executed below by the indersigned:	IN WITNES: undersigned:
	LI, Haobin
95 Phillip Street, Ext. 76546, Waterloo, ON, N2L 3W8, Canada	
STATEMENT BY WITNESS	
I,, whose full Post Office address is	I,
(Address of Witness)	
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Date:	(Signature of

Page 6 of 6 V7.0

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STEEVES, R 295 Phillip St Waterloo, ON Canada	n David et, Ext. 78399,	
	STATEMENT BY WITNESS	
I,	, whose full Post Office a	address is
······	(Address of Witness)	
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(Signature of V	Date:	

IN WITNESS WHEREOF, this Worldwid undersigned:	le Assignment has been executed below by the
	Date:
ZIEGLER, Rudolph Ferdinand 4701 Tahoe Blvd, Ext. 15826, Mississauga, Ontario, L4W 0B5, Canada	
STATEM	MENT BY WITNESS
I,	, whose full Post Office address is
(Ad	dress of Witness)
	nt and did see the above named person, personally Worldwide Assignment, duly sign and execute same.
(Signature of Witness)	Date:

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date:
PEDWYSOCKI, Alexander James 4701 Tahoe Blvd, Ext. 15093, Mississauga, Ontario, L4W 0B5, Canada
STATEMENT BY WITNESS
I,, whose full Post Office address is
(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)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
LI, Haobin 295 Phillip Street, Ext. 76546, Waterloo, ON, N2L 3W8, Canada
STATEMENT BY WITNESS
I, Yijia Zhao, whose full Post Office address is
295 Phillip Sweet Ext 78527, Waterloo, OM, MZL DW (Address of Witness)
(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: Awa 12 / 13

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