PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7774830

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHANG FUNG YANG	08/14/2019
ROBERT JOSEPH LOMBARDI	08/14/2019
CHI HING NG	08/15/2019

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:	18163190

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 4164798647

Email: mailbox@rowandlaw.com

Correspondent Name: ROWAND LLP

Address Line 1: 390 BAY STREET, SUITE 1200
Address Line 4: TORONTO, ONTARIO M5H 2Y2

ATTORNEY DOCKET NUMBER:	101-0508USP2
NAME OF SUBMITTER:	HUE-MI VUONG
SIGNATURE:	/Hue-Mi Vuong/
DATE SIGNED:	02/02/2023

Total Attachments: 15

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WORLDWIDE ASSIGNMENT

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

Chang Fung YANG, c/o 2200 University Ave. East, Waterloo, ON, N2K 0A7, Canada Robert Joseph LOMBARDI, c/o 2200 University Ave. East, Waterloo, ON, N2K 0A7, Canada

Chi Hing NG, c/o 2200 University Ave. East, Waterloo, ON, N2K 0A7, Canada

am an/are inventor(s) of an invention entitled METHODS AND SYSTEMS FOR IDENTIFYING A COMPROMISED DEVICE THROUGH ITS UNMANAGED PROFILE ("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 patent application 1	16/541,795	_, filed on	August 15, 2019	
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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

Page 1 of 5 V7.3

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: Aug 14th 2019

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

Date: Aug 14th 2019

Chang Fung YANG
c/o 2200 University Ave. East
Waterloo, ON
N2K 0A7
Canada

STATEMENT BY WITNESS

1, Andrew Osmord , whose full Post Office address is

366 Adelaide & Suite Soo Toront. Ontario
(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.

V7,3

(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date:
Robert Joseph LOMBARDI c/o 2200 University Ave. East Waterloo, ON N2K 0A7 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)

Page 4 of 5

	DF, this Worldwide Assignment has been executed below by the
indersigned:	
	Date:
Chi Hing NG c/o 2200 University Avo Waterloo, ON N2K 0A7 Canada	
	STATEMENT BY WITNESS
I,	, whose full Post Office address is
	(Address of Witness)
hereby declare that I wknown to me to be a per	vas personally present and did see the above-named person, personally son named in the Worldwide Assignment, duly sign and execute same.
(Signature of Witness)	Date:

Page 5 of 5

WORLDWIDE ASSIGNMENT

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

Chang Fung YANG, c/o 2200 University Ave. East, Waterloo, ON, N2K 0A7, Canada Robert Joseph LOMBARDI, c/o 2200 University Ave. East, Waterloo, ON, N2K 0A7, Canada

Chi Hing NG, c/o 2200 University Ave. East, Waterloo, ON, N2K 0A7, Canada

am an/are inventor(s) of an invention entitled **METHODS AND SYSTEMS FOR IDENTIFYING A COMPROMISED DEVICE THROUGH ITS UNMANAGED PROFILE** ("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 patent application no. 16/541,795, filed on August 15, 2019	
--	--

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

Page 1 of 5 V7.3

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Page 2 of 5 V7.3

IN WITNESS WHEREOF, this Worldwide Assign undersigned:	ment has been executed below by the
undersigned.	
Chang Fung YANG c/o 2200 University Ave. East Waterloo, ON N2K 0A7 Canada	
STATEMENT BY WITH	NESS
I,	_, whose full Post Office address is
(Address of Witness)
hereby declare that I was personally present and did see known to me to be a person named in the Worldwide Assig	
(Signature of Witness)	

Page 3 of 5 V7.3

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

Robert Joseph LOMBARDI c/o 2200 University Ave. East

Waterloo, ON N2K 0A7 Canada

STATEMENT BY WITNESS

L. Patrick Lain, whose full Post Office address is

730 Grand Banks Drive, Waterloo ON NZK 44.

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.

(Sighature of Witness)

Date: 00/14/1

IN WITNESS WHEREOF, this undersigned:	Vorldwide Assignment has been executed below by the	
Chi Hing NG c/o 2200 University Ave. East Waterloo, ON N2K 0A7 Canada	Date:	
	STATEMENT BY WITNESS	
I,	, whose full Post Office address	s is
	(Address of Witness)	
	ally present and did see the above-named person, person in the Worldwide Assignment, duly sign and execute sa	
(Signature of Witness)	Date:	

Page 5 of 5 V7.3

WORLDWIDE ASSIGNMENT

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

Chang Fung YANG, c/o 2200 University Ave. East, Waterloo, ON, N2K 0A7, Canada Robert Joseph LOMBARDI, c/o 2200 University Ave. East, Waterloo, ON, N2K 0A7, Canada

Chi Hing NG, c/o 2200 University Ave. East, Waterloo, ON, N2K 0A7, Canada

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Page 2 of 5 V7.3

IN WITNESS WHEREOF, this undersigned:	s Worldwide Assignment has been executed below by the
-	
	Date:
Chang Fung YANG c/o 2200 University Ave. East Waterloo, ON N2K 0A7 Canada	
STA	TEMENT BY WITNESS
Ι,	, whose full Post Office address is
	(Address of Witness)
	present and did see the above-named person, personally the Worldwide Assignment, duly sign and execute same.
	Data
(Signature of Witness)	Date:
,	

Page 3 of 5 V7.3

IN WITNESS WHEREOF, this Wundersigned:	Vorldwide Assignment has been executed below by the
	Date:
Robert Joseph LOMBARDI c/o 2200 University Ave. East Waterloo, ON N2K 0A7 Canada	
	STATEMENT BY WITNESS
Ι,	whose full Post Office address is
	(Address of Witness)
	nally present and did see the above-named person, personally d in the Worldwide Assignment, duly sign and execute same.
(Signature of Witness)	Date:

Page 4 of 5 V7.3

IN WITNESS WHEREOF, this Worldwide undersigned:	e Assignment has been executed below by the
	Date: AND 15, 2019
Chi Hing NG	Date: 440/15/2011

c/o 2200 University Ave. East Waterloo, ON **N2K 0A7** Canada

STATEMENT BY WITNESS

I, Roberto Speranza, whose full Post Office address is

2200 University Ave. East Waterloo ON N2KGA7

(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: Aug. 152018 LSplannia Signature of Witness?

> Page 5 of 5 V7.3

> > PATENT REEL: 062567 FRAME: 0472

RECORDED: 02/02/2023