504968166 06/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5014912

NATURE OF CONVEYAN		NEW ASSIGNMENT	NEW ASSIGNMENT			
	ICE:	ASSIGNMENT				
CONVEYING PARTY DA	٩ΤΑ					
		Name	Execution Date			
TONY HUI	03/31/2017					
FRANCIS FERNANDES	03/31/2017					
BRIAN SMITH	04/03/2017					
SHAFIQ MANJI			04/03/2017			
RECEIVING PARTY DA	TA					
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Street Address:	1 CARREFOUR ALEXANDER-GRAHAM BELL					
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City:	VERDU	N				
State/Country:	CANADA					
Property TypeApplication Number:14		Number				
		14994586				
	e sent to provided f	<i>the e-mail address first; if that is unsu ; if that is unsuccessful, it will be sent</i> patprosec@gowlingwlg.com MALLORY EMOND 160 ELGIN STREET OTTAWA, CANADA				
Fax Number: Correspondence will be using a fax number, if p Email: Correspondent Name: Address Line 1:	e sent to provided F	; <i>if that is unsuccessful, it will be sent</i> patprosec@gowlingwlg.com MALLORY EMOND 160 ELGIN STREET				
Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Email: Correspondent Name: Address Line 1: Address Line 4:	e sent to provided F	<i>; if that is unsuccessful, it will be sent</i> patprosec@gowlingwlg.com MALLORY EMOND 160 ELGIN STREET DTTAWA, CANADA				
Fax Number: Correspondence will be using a fax number, if p Email: Correspondent Name: Address Line 1: Address Line 4:	e sent to provided F	<i>; if that is unsuccessful, it will be sent</i> patprosec@gowlingwlg.com MALLORY EMOND 160 ELGIN STREET OTTAWA, CANADA 08930163US1				

ASSIGNMENT

Whereas Tony HUI, Francis FERNANDES, Brian SMITH and Shafiq MANJI (hereinafter "the Assignors"), whose full post office addresses are 5 Shellaray Drive, Thornhill, Ontario L3T 4J7, Canada; 6467 Lisgar Drive, Mississauga, Ontario L5N 6X2, Canada; 4213 Longmoor Drive, Burlington, Ontario L7L 5C7, Canada and #102-4200 Bathurst Street, Toronto, Ontario M3H 6C7, Canada respectively, have made one or more inventions which are the subject of United States Patent Application No. 62/102,775 filed on January 13, 2015; United States Patent Application No. 62/102,775 filed on January 13, 2015; United States Patent Application No. 2,917,520 filed on January 13, 2016; and Canadian Patent Application No. 2,917,520 filed on January 13, 2016, entitled SYSTEM AND METHOD FOR WIRELESS PUBLIC ALERTING SERVICE (hereinafter "the Patent Application");

Whereas BCE INC. (hereinafter " the Assignee"), whose full post office address is 1, Carrefour Alexander-Graham-Bell, Building A7, Verdun, Quebec H3E 3B3, Canada, is desirous of acquiring the whole right, title and interest in and to the Patent Applications, and the invention or inventions described therein;

Now therefore, in consideration of ten dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors hereby sell, assign and transfer to the Assignee, all their right, title and interest, in the United States, Canada and all other countries and jurisdictions throughout the world, in and to the Patent Application, and the invention or inventions described therein, and all divisions and continuations thereof, including their corresponding right to claim priority from the Patent Application in any country or jurisdiction, including their right to make national entries under the Patent Cooperation Treaty, including all their corresponding right, title and interest in and to any Patents which may issue therefrom, including all reissues, renewals and extensions thereof, and including all right to sue for past infringement thereunder, all the said Patents to be held and enjoyed by the Assignee to the full end of the term for which the said Patents are granted, as fully and entirely as the said Patents could have been held and enjoyed by the said Assignors if this Assignment had not been made;

And the Assignors hereby covenant and agree, without further consideration, to communicate with Assignee, its successors and assigns, any facts known respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all

papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in Canada, the United States and all other countries and jurisdictions throughout the world, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

And the Assignors hereby covenant that they have the full right to convey the interest assigned by this Assignment, and have not executed and will not execute any agreement in conflict with this Assignment;

And the Assignors and the Assignee hereby authorize the firm of Gowling Lafleur Henderson LLP, whose full post office address is 160 Elgín Street, Suite 2600, Ottawa, Ontario K1P 1C3, Canada, to correct errors in this Assignment, or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any Patent Office.

SIGNED at Missiscouga, Canada this 31st day of March (City/Town) (Country) (Date) (Month) (Year)

(Name of Witness: Please Print or Type)

Tony HUI

(Signature of Assignor)

SIGNED at <u>MISSISSAUGA</u> Canada , this 31st day of March (Country) (Date) (Mosth) (Year)

Francis FERNANDES

flarm /

PATENT REEL: 046138 FRAME: 0267

(Signature of Witness)

Heather Martin

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SIGNED at	Munsonyza.	Canul	_, this day of	april	2017
	(City/Town)	(Country)	(Date)	(Month)	(Year)
(Signature of W	uti		Brian SMITH		
Heath	LC Mart	*******	(Signature of Assign) Or)	
SIGNED at §	Toronto &	Canada	_, this day of (Date)		
	(City/Town)	(Country)	(Date)	(Month)	(Year)
Ju	Alereni		Shafiq MANJI		
(Signature of A	Atness				
JUDITH .	Mosomi			n)	
(Name of With	ess: Please Print or Typ)e)	(Signature of Assign	<u>~</u>	

The undersigned Assignee hereby accepts this Assignment.

SIGNED at YESOUR Canada , this <u>29</u> day of <u>Marcy</u> 2017 (City/Town) (Country) (Date) (Month) (Year)

BCE Inc.

(Signature of Witness)

Witness: Please Prin Type)

(Signature of Authorized Signing Officer)

M^PChel Laland-e (Name of Authorized Signing Officer: Please Print or Type)

<u>SVP. Gen. Cause</u> Corp Secr. Cos + CBLC (Title of Authorized Signing Officer: Please Print or Type)