505219539 12/04/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
BRIAN FREDERICK GEORGE BIDULOCK	11/20/2018
GORDON LEONARD HOLE	10/15/2018
MARVIN JOHN SEVERSON	10/15/2018

RECEIVING PARTY DATA

Name:	TELUS COMMUNICATIONS INC.
Street Address:	510 W. GEORGIA STREET
Internal Address:	7TH FLOOR
City:	VANCOUVER
State/Country:	CANADA
Postal Code:	V6B 0M3

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16206993

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: 206.381.3300

Email: dolder@lowegrahamjones.com

Correspondent Name: DAVID A. LOWE

Address Line 1: 701 FIFTH AVENUE, SUITE 4800
Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER:	TELS-1-1001	
NAME OF SUBMITTER:	DAVID A. LOWE	
SIGNATURE:	/David A. Lowe/	
DATE SIGNED:	12/04/2018	

Total Attachments: 3

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PATENT 505219539 REEL: 047672 FRAME: 0861

ASSIGNMENT

In consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and pursuant to the Assignors' employment agreement with Assignee, each Assignor named below hereby assigns and confirms that the Assignor has assigned to the Assignee named below, whose address is as shown below, all of the Assignor's interest for Canada, the United States and the entire world in the following listed patent applications and/or patents, the inventions described therein, any patent granted from the patent applications, and any patent or patent application claiming domestic or foreign priority from any one or more of the patent applications, including the right to claim priority from the patent applications under any national law or international convention:

Title: SYSTEM AND METHOD FOR LIMITING INCOMING SPAM CALLS

Patent Application Nos. <u>US Appl No. 16/206,993 filed November 30, 2018</u>
[Lambert Intellectual Property Law has authority to insert the serial number of each filing]

Each Assignor will, without further consideration, but at the expense of Assignee, do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for the inventions and for additions and modifications thereto in any country. Each Assignor enters into this assignment freely, and consents to disclosure of all personal information contained herein to the extent required to prosecute, maintain and enforce the rights assigned.

Assignor name: Brian Frederick George Bidulock
Signature of assignor: Date of signing: Nov. 20, 2018
Witness name (print): Namure Bolileck
Witness signature:
Assignor name: Gordon Leonard Hole
Signature of assignor: Date of signing:
Witness name (print):
Witness signature:
Assignor name: Marvin John Severson
Signature of assignor: Date of signing:
Witness name (print):
Witness signature:
Assignee: TELUS Communications Inc.
Address of assignee: 510 W Georgia Street, 7th Floor Vancouver, BC V6B 0M3 Canada
A Representation of the second
Signature of assignee representative: Date of signing: 21/11/2018 Name and title of authorized representative: JEROM & BIROT - VP - Technology Strategy. Witness name (print): TANDONO.
Name and title of authorized representative: JERON & BIROT - VP - Technology Strategia
Witness name (print): TWONG
Witness signature: DUDro -

PATENT REEL: 047672 FRAME: 0862

ASSIGNMENT

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PATENT REEL: 047672 FRAME: 0863

ASSIGNMENT

In consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and pursuant to the Assignors' employment agreement with Assignee, each Assignor named below hereby assigns and confirms that the Assignor has assigned to the Assignee named below, whose address is as shown below, all of the Assignor's interest for Canada, the United States and the entire world in the following listed patent applications and/or patents, the inventions described therein, any patent granted from the patent applications, and any patent or patent application claiming domestic or foreign priority from any one or more of the patent applications, including the right to claim priority from the patent applications under any national law or international convention:

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Assignor name: Drian Frederick George	Blaulock
Signature of assignor:	Date of signing:
Witness name (print):	
Witness signature:	
Assignor name: Gordon Leonard Hole	
Signature of assignor:	Date of signing:
Witness name (print):	···
Witness signature:	•
Assignor name: Marvin John Şeverson	
Signature of assignor:	Date of signing: Oct 15, 2018
Witness name (print): Christine Ens	
Witness signature: (Listile Ens	•
Assignee: TELUS Communications Inc.	
Address of assignee: 510 W Georgia Street, 7	7th Floor Vancouver, BC V6B 0M3 Canada
Signature of assignee representative:	Date of signing:
Name and title of authorized representative:	
Witness name (print):	
Witness signature	

PATENT REEL: 047672 FRAME: 0864

RECORDED: 12/04/2018