

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5833656

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRIAN FREDERICK GEORGE BIDULOCK	11/20/2018
GORDON LEONARD HOLE	10/15/2018
MARVIN JOHN SEVERSON	10/15/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TELUS COMMUNICATIONS INC.
<b>Street Address:</b>	510 W. GEORGIA STREET, 7TH FLOOR
<b>City:</b>	VANCOUVER
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	V6B 0M3
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16691597
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	206.381.3300
<b>Email:</b>	dolder@lowegrahamjones.com
<b>Correspondent Name:</b>	DAVID A. LOWE
<b>Address Line 1:</b>	701 FIFTH AVENUE, SUITE 4800
<b>Address Line 4:</b>	SEATTLE, WASHINGTON 98104
<b>ATTORNEY DOCKET NUMBER:</b>	TELS-1-1002
<b>NAME OF SUBMITTER:</b>	DAVID A. LOWE
<b>SIGNATURE:</b>	/David A. Lowe/
<b>DATE SIGNED:</b>	11/22/2019
<b>Total Attachments: 3</b>	
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source=TELS-1-1001XASN#page3.tif	

**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.** \_\_\_\_\_  
[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): James Bidulock

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

Signature of assignee representative: \_\_\_\_\_ Date of signing: 21/11/2018

Name and title of authorized representative: JEROME BIROT - VP - Technology Strategy

Witness name (print): T WONG

Witness signature: \_\_\_\_\_

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Assignor name: **Brian Frederick George Bidulock**

Signature of assignor: \_\_\_\_\_ Date of signing: \_\_\_\_\_

Witness name (print): \_\_\_\_\_

Witness signature: \_\_\_\_\_

Assignor name: **Gordon Leonard Holt**

Signature of assignor: Gordon Holt Date of signing: DLT 15/2018

Witness name (print): RICHARD POLISHAK

Witness signature: [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

Signature of assignee representative: \_\_\_\_\_ Date of signing: \_\_\_\_\_

Name and title of authorized representative: \_\_\_\_\_

Witness name (print): \_\_\_\_\_

Witness signature: \_\_\_\_\_

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Assignor name: **Brian Frederick George Bidulock**

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 Severson**

Signature of assignor:  Date of signing: Oct 15, 2018

Witness name (print): Christine EKS

Witness signature: 

Assignee: **TELUS Communications Inc.**

Address of assignee: 510 W Georgia Street, 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: \_\_\_\_\_