

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5469393

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VIPUL KISHORE LALKA	02/08/2018
SARABJIT SINGH WALIA	10/25/2017
EDWARD ROBERT LOUNSBURY	03/12/2018
JOHN JONG-SUK LEE	12/01/2017
ARUN VICTOR JAGGA	03/08/2018
RECEIVING PARTY DATA	
Name:	THE TORONTO-DOMINION BANK
Street Address:	66 WELLINGTON STREET WEST, 12TH FLOOR
City:	TORONTO
State/Country:	CANADA
Postal Code:	M5K 1A2
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15724473
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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>	
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Email:	apsi@fr.com
Correspondent Name:	FISH & RICHARDSON P.C.
Address Line 1:	P.O. BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	36302-0124001
NAME OF SUBMITTER:	C. JORDAN NEWELL
SIGNATURE:	/C. Jordan Newell/
DATE SIGNED:	04/11/2019
Total Attachments: 6	
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, VIPUL KISHORE LALKA, SARABJIT SINGH WALIA, EDWARD ROBERT LUCAS LOUNSBURY, JOHN JONG-SUK LEE, and ARUN VICTOR JAGGA, each individually assign to THE TORONTO-DOMINION BANK, a corporation formed under the laws of Canada and having a principal place of business at 66 Wellington Street West, 12th Floor, Toronto, Ontario M5K 1A2, CANADA, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "DYNAMIC NOTIFICATION ENGINE FOR NOTIFICATION THROTTLING BASED ON CONTEXTUAL ANALYSES," and was filed in the United States Patent and Trademark Office on October 4, 2017, as application 15/724,473 (the "Application").

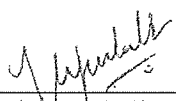
This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and

declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.



Vipul Kishore Lalka

Date: Feb 8, 2018

Sarabjit Singh Walia

Date: _____

Edward Robert Lucas Lounsbury

Date: _____

John Jong-Suk Lee

Date: _____

Arun Victor Jagga

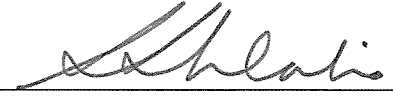
Date: _____

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declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Vipul Kishore Lalka

Date: _____



Sarabjit Singh Walia

Date: 04-25/17

Edward Robert Lucas Lounsbury

Date: _____

John Jong-Suk Lee

Date: _____

Arun Victor Jagga

Date: _____

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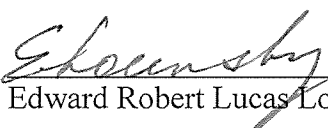
declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Vipul Kishore Lalka

Date: _____

Sarabjit Singh Walia

Date: _____



Edward Robert Lucas Lounsbury

Date: March 12, 2018.

John Jong-Suk Lee

Date: _____

Arun Victor Jagga

Date: _____

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declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Vipul Kishore Lalka

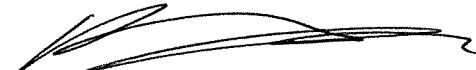
Date: _____

Sarabjit Singh Walia

Date: _____

Edward Robert Lucas Lounsbury

Date: _____



John Jong-Suk Lee

Date: _____

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Arun Victor Jagga

Date: _____

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declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Vipul Kishore Lalka

Date: _____

Sarabjit Singh Walia

Date: _____

Edward Robert Lucas Lounsbury

Date: _____

John Jong-Suk Lee

Date: _____



Arun Victor Jagga

Date: _____ MAR 08 2018

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