PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADRIAN BLOY	02/14/2022
DANIEL LAM TIN CHEUNG	02/25/2022
ASGAR MALEKI	02/22/2022
MICHAEL JAMES TAGGART	04/28/2021

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:	16596004

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: 2142924009 Email: apsi@fr.com

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ATTORNEY DOCKET NUMBER:	36302-0144001
NAME OF SUBMITTER:	C. JORDAN NEWELL
SIGNATURE:	/C. Jordan Newell/
DATE SIGNED:	03/02/2022

Total Attachments: 5

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PATENT REEL: 059150 FRAME: 0507

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>ADRIAN BLOY</u>, <u>DANIEL LAM TIN CHEUNG</u>, <u>ASGAR MALEKI</u>, and <u>MICHAEL JAMES TAGGART</u>, each individually assigns to <u>THE TORONTO-DOMINION</u> <u>BANK</u>, a corporation formed under the laws of <u>Canada</u> and having a principal place of business at <u>66 Wellington Street West</u>, <u>12th Floor</u>, <u>Toronto</u>, <u>Ontario M5K 1A2</u>, <u>CANADA</u>, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "<u>MODIFYING EXISTING INSTRUMENTS WITHOUT MODIFICATION OF UNIQUE IDENTIFIER AND IMMEDIATE BENEFIT AVAILABILITY</u>," and was filed in the United States Patent and Trademark Office on <u>October 8</u>, <u>2019</u>, as application <u>16/596,004</u> (the "Application").

This Assignment assigns, in addition to the Subject Matter of the Application, (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 and under every treaty or convention, (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.

Adrian Bloy	Date: <u>02/14/202</u> 2
Witnessed by:	
Signature:	Date:
Print Name:	_
Signature:	Date:
Print Name:	

/Daniel Lam Tin Cheung/	Date: February 25, 2022
Daniel Lam Tin Cheung	
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

/Asqui Malele/	Date: /F. 05 22, 2022/
Asgar Maleki	
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Michael James Taggart	Date: 04/28/2021	
Witnessed by:		
Signature: WWWA	Date: 04/28/2021	
Print Name: Heather Taggart		
Signature:	Date:	
Print Name:	-	
The Assignee hereby acknowledges and	accepts the foregoing assignment.	
Assignee: THE TORONTO-DOMINIO	N BANK	
Signature:	Date:	
Name:		
Title:		

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RECORDED: 03/02/2022

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