PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MILOS DUNJIC	01/17/2020
ANTHONY HAITUYEN NGUYEN	12/13/2021
GREGORY ALBERT KLIEWER	08/19/2021
DAVID SAMUEL TAX	12/31/2021
SAIRAM SRINIVASA POGULURU	08/11/2021
SHISHIR DATTATRAYA BHAT	12/07/2021

RECEIVING PARTY DATA

Name:	THE TORONTO-DOMINION BANK
Street Address:	66 WELLINGTON ST. W., 15TH FLOOR
City:	TORONTO
State/Country:	CANADA
Postal Code:	M5K 1A2

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16431786

CORRESPONDENCE DATA

Fax Number: (416)363-8429

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: 416-479-8647

mailbox@rowandlaw.com Email:

ROWAND LLP Correspondent Name:

Address Line 1: 3080 YONGE STREET, SUITE 6060 Address Line 4: TORONTO, CANADA M4N 3N1

ATTORNEY DOCKET NUMBER:	337-0113USP1
NAME OF SUBMITTER:	JOANNA POON
SIGNATURE:	/Joanna Poon/
DATE SIGNED:	01/12/2022

Total Attachments: 8

PATENT REEL: 058628 FRAME: 0230

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PATENT REEL: 058628 FRAME: 0231

TD Reference No. 18105-PMT-US-PAT

Firm Name: Rowand LLP

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)"):

DUNJIC, Milos - 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada

NGUYEN, Anthony Haituyen - 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada

KLIEWER, Gregory Albert - 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada

TAX, David Samuel - 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada

POGULURU, Sairam Srinivasa - 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada

BHAT, Shishir Dattatraya - 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada

has/have invented a certain new and useful invention entitled:

MODIFICATION OF DATA SHARING BETWEEN SYSTEMS

for which a United States Patent application was filed on June 5, 2019 and accorded Application Serial Number 16/431,786 (further identified by Attorney Docket No. 337-0113USP1 and TD Reference No. 18105-PMT-US-PAT, hereinafter the "Patent Application"), and

WHEREAS, The Toronto-Dominion Bank (hereinafter "Assignee"), a corporation organized under the laws of the Province of Ontario, CANADA, having a place of business at 66 Wellington Street West, TD Tower, 15th Floor, Toronto, Ontario, M5K 1A2, has acquired or is desirous of acquiring the entire and exclusive right, title and interest in and to the Patent Application inclusive of any and all priority rights derived therefrom and the inventions therein disclosed or claimed, and in and to all Letters Patent, in the United States of America, Canada, and throughout the world, which may be granted and issued therefore throughout the world;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by each of the undersigned, I/WE, ASSIGNOR(S) does/do hereby sell, assign, transfer, and set over to the ASSIGNEE, its successors and assigns, the entire and exclusive right, title and interest in and to the Patent Application for United States Letters Patent inclusive of any and all priority rights derived therefrom, and the inventions therein disclosed or Page 1 of 8

PATENT REEL: 058628 FRAME: 0232

TD Reference No. 18105-PMT-US-PAT

Firm Name: Rowand LLP

claimed, and in and to all Letters Patent and issues thereof which may be granted upon the Patent Application and in and to all Letters Patent which may be issued upon any substitutes, continuations, continuations-in-part, divisions, re-issues or extensions of the Patent Application or Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent which may be granted for the inventions in any foreign country or countries including priority rights derived from any application for the inventions in any country;

AND I/WE, ASSIGNOR(S) hereby agrees/agree to execute, upon request, any and all further papers without charge which may be necessary or desirable to enable the ASSIGNEE, its successors and assigns, to file and prosecute the Patent Application, and any and all substitutes, continuations, continuations-in-part, divisions, or extensions thereof, and any and all reissues of the Letters Patent granted upon the Patent Application, and any and all applications for foreign Letters Patent on the inventions; and ASSIGNOR(S) further agrees/agree to execute any and all further papers without charge which may be necessary or desirable to vest or perfect the title of

ASSIGNEE, its successors and assigns, in and to the Patent Application and the inventions therein disclosed or claimed, and in and to any and all Letters Patent and reissues thereof, in the United States of America, Canada, and foreign countries, which may be granted upon the Patent Application, and any substitutes, continuations, continuations-in-part, divisions, re-issues or extensions thereof, and upon any foreign applications;

AND I/WE, ASSIGNOR(S) hereby authorizes/authorize and requests/request the Patent Office to issue each and every Letters Patent to be granted upon the Patent Application for United States Letters Patent, and upon any and all substitutes, continuations, continuations-in-part, divisions, or extensions of the Patent Application, and each and every reissue of the Letters Patent, to the ASSIGNEE, its successors and assigns, as the assignee of the entire right, title and interest therein, in accordance with this assignment;

AND I/WE, ASSIGNOR(S) each individually hereby represent and warrant that I have read and fully understand the terms and provisions hereof, have had an opportunity to obtain independent legal advice, and have executed this assignment based upon my own judgment and advice of independent legal counsel (if sought), or alternatively, have waived the right to obtain independent legal counsel.

EXECUTED at (City, Province) Toron to, ON, this 17 day of Jan, 2019

Lepout leurous DUNJIC, Milos

STATEMENT BY WITNESS

Page 2 of 8

TD Reference No. 18105-PMT-US-PAT

Firm Name: Rowand LLP

I, Ashkan Alavi-Harati, whose full Post Office address is

Wellington St.W., Toronto, DN M5K 1AZ was

personally present and did see the above named person, who is known to me, execute the above Assignment.

(Signature of Witness)

TD File No. 18105-PMT-US-PAT

EXECUTED at (City, Province) Toronto, Orton, this 3 day of December, 2021

Anguer

NGUYEN, Anthony Haituven

STATEMENT BY WITNESS

I, Hong Hai Nguyen, whose full Post Office address is 464 Gerrard StE, Torowo, Organio MSA 2H3 was personally present and did see the above named person, who is known to me, execute the above Assignment.

(Signature of Witness

EXECUTED at (City, Province)	T(2, ON , this 19 day)	of <u>Augus</u> t, 2021
	_KLÏEWER, Gregory Alber	ŧ
STA	TEMENT BY WITNESS	
Ϊ,	, whose full Po	st Office address is
		was
personally present and did see the abo	ve named person, who is known to r	ne, execute the above
Assignment.		
	(Signature of Witness)	

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EXECUTED at (City, Province)	Foronto, Ontario	, this 31st day of December , 2021
	D	ind Tas
TAX, David Samuel		
,	STATEMENT BY V	WITNESS
I,		, whose full Post Office address is
		was
personally present and did see the	above named perso	n, who is known to me, execute the above
Assignment.		
	(Signature of	Witness)

EXECUTED at (City, Province) Richmond Hill , this 11 day of Augutst , 2021
P.S. Sintam
POGULURU, Sairam Srinivasa
STATEMENT BY WITNESS
I,, whose full Post Office address is
was
personally present and did see the above named person, who is known to me, execute the above
Assignment.
(Signature of Witness)

EXECUTED at (City, Province) Mississauga, ON	
Gr.	
BHAT, Shishi	ir Dattatraya
STATEMENT BY W	VITNESS
Ι,	, whose full Post Office address is
	was
personally present and did see the above named person	, who is known to me, execute the above
Assignment.	
(Signature of V	Witness)

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PATENT REEL: 058628 FRAME: 0239