

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

Assignment ID: PATI272826

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	Milos DUNJIC	05/21/2024
	Arthur Carroll CHOW	05/28/2024
	David Samuel TAX	05/14/2024
	Gregory Albert KIEWER	08/19/2021
	Anthony Haituyen NGUYEN	05/28/2024
RECEIVING PARTY DATA		
Company 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:	16571394	
CORRESPONDENCE DATA		
Fax Number:	4164798647	
<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>		
Phone:	4164798647	
Email:	mailbox@rowandlaw.com	
Correspondent Name:	Rowand LLP	
Address Line 1:	390 Bay Street, Suite 1200	
Address Line 4:	Toronto, CANADA M5H 2Y2	
ATTORNEY DOCKET NUMBER:	337-0158USP1	
NAME OF SUBMITTER:	Hue-Mi Vuong	
SIGNATURE:	Hue-Mi Vuong	
DATE SIGNED:	06/03/2024	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 7		

source=19098-PMT-US-PAT_Assignment#page1.tif
source=19098-PMT-US-PAT_Assignment#page2.tif
source=19098-PMT-US-PAT_Assignment#page3.tif
source=19098-PMT-US-PAT_Assignment#page4.tif
source=19098-PMT-US-PAT_Assignment#page5.tif
source=19098-PMT-US-PAT_Assignment#page6.tif
source=19098-PMT-US-PAT_Assignment#page7.tif

WORLDWIDE ASSIGNMENT

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

DUNJIC, Milos - 66 Wellington Street West, TD Tower, 15th Floor, Toronto, Ontario, M5K 1A2, Canada

CHOW, Arthur Carroll - 66 Wellington Street West, TD Tower, 15th Floor, Toronto, Ontario, M5K 1A2, Canada

TAX, David Samuel - 66 Wellington Street West, TD Tower, 15th Floor, Toronto, Ontario, M5K 1A2, Canada

KLIEWER, Gregory Albert – 66 Wellington Street West, TD Tower, 15th Floor, Toronto, Ontario, M5K 1A2, Canada

NGUYEN, Anthony Haituyen - 66 Wellington Street West, TD Tower, 15th Floor, Toronto, Ontario, M5K 1A2, Canada

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

**SYSTEMS AND METHODS FOR DETECTING CHANGES IN DATA ACCESS
PATTERN OF THIRD-PARTY APPLICATIONS**

for which a United States Patent application was filed on **September 16, 2019** and accorded Application Serial Number **16/571,394** (further identified by Attorney Docket No. **337-0158USP1** and TD Reference No. **19098-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 claimed, and in and to all Letters Patent and issues thereof which may be granted upon the Patent

Page 1 of 7

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) Oakville, Ontario, this 21 day of May, 2024

Milos Dunjic

DUNJIC, Milos

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) Markham, ON, this 28th day of May, 2024



CHOW, Arthur Carroll

STATEMENT BY WITNESS

I, Jia Min Huang, whose full Post Office address is
75 Eakin Mill Rd Markham, ON L6E 1N9 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) Toronto, Ontario, this 14th day of May, 2024


David Tax
TAX, David Samuel

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) Barrie ON, this 19 day of August, 2021



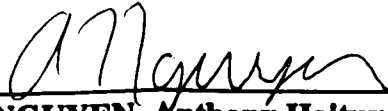
KLIEWER, Gregory Albert

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)

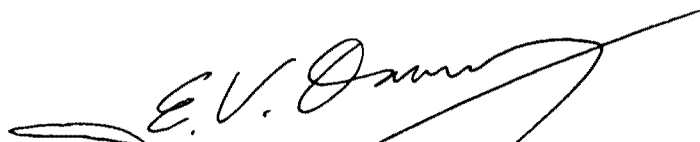
EXECUTED at (City, Province) Toronto, Ontario, this 28th day of May, 2024



NGUYEN, Anthony Hailuyen

STATEMENT BY WITNESS

I, EDWIN VAN DAMME, whose full Post Office address is
2203 - 2200 LAKE SHORE BLVD W. was
personally present and did see the above named person, who is known to me, execute the above
Assignment.



(Signature of Witness)