505450603 04/29/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5497404

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DEAN C.N. TSERETOPOULOS	02/22/2018
ROBERT ALEXANDER MCCARTER	01/08/2019
SARABJIT SINGH WALIA	10/25/2017
VIPUL KISHORE LALKA	04/25/2018
NADIA MORETTI	12/28/2018
PAIGE ELYSE DICKIE	02/09/2018
DENNY DEVASIA KURUVILLA	02/09/2018
MILOS DUNJIC	02/08/2018
DINO PAUL D'AGOSTINO	02/08/2018
ARUN VICTOR JAGGA	03/08/2018
JOHN JONG-SUK LEE	12/01/2017
RAKESH THOMAS JETHWA	02/08/2018

RECEIVING PARTY DATA

Name:	THE TORONTO-DOMINION BANK	
Street Address:	66 WELLINGTON STREET WEST	
Internal Address:	TD TOWER - 15TH FLOOR	
City:	TORONTO	
State/Country:	CANADA	
Postal Code:	M5K 1A2	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15724535

CORRESPONDENCE DATA

Fax Number: (416)362-0823

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: 416-868-1482

Email: Isalehoun@ridoutmaybee.com
Correspondent Name: RIDOUT & MAYBEE LLP
Address Line 1: 250 UNIVERSITY AVENUE

PATENT

505450603 REEL: 049021 FRAME: 0953

	TH FLOOR ORONTO, CANADA M5H 3E5
ATTORNEY DOCKET NUMBER:	52382-3002
NAME OF SUBMITTER:	STEPHEN MARTIN
SIGNATURE:	/SM/
DATE SIGNED:	04/29/2019

source=17035-DCP-US-PAT_RM_Full_Assignment#page1.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page2.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page3.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page4.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page5.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page6.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page7.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page8.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page9.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page10.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page11.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page12.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page13.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page13.tif source=17035-DCP-US-PAT_RM_Full_Assignment#page14.tif

Total Attachments: 14

WORLDWIDE ASSIGNMENT

WHEREAS, WE, (hereinafter referred to as the "ASSIGNORS"):

Dean C.N. TSERETOPOULOS
Robert Alexander MCCARTER
Sarabjit Singh WALIA
Vipul Kishore LALKA
Nadia MORETTI
Paige Elyse DICKIE
Denny Devasia KURUVILLA
Milos DUNJIC
Dino Paul D'AGOSTINO
Arun Victor JAGGA
John Jong-Suk LEE
Rakesh Thomas JETHWA

whose respective postal addresses are:

c/o The Toronto-Dominion Bank 66 Wellington Street West, TD Tower, 15th Floor Toronto, Ontario, M5K 1A2, CANADA

have invented a certain new and useful invention entitled:

DATA MANAGEMENT DEVICE, COMMUNICATION SYSTEM AND METHODS FOR TAGGING DATA IN A DATA TABLE AND TRIGGERING AUTOMATED ACTIONS

for which a United States Patent application was filed on October 4, 2017 and accorded application serial number 15/724,535 (further identified by Attorney Docket No. 52382-3002 and TD Reference No. 17035-DCP-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,

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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, WE, ASSIGNORS 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 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 WE, ASSIGNORS hereby 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 ASSIGNORS further 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 WE, ASSIGNORS hereby authorizes/authorize and requests/request the Patent Office to issue each and every Letters Patent to be granted upon the Patent Application for

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United States Letters Patent, and upon any and all substitutes, continuations, continuations-inpart, 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 WE, ASSIGNORS 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.

Inventor 1:

EXECUTED at (Cit	ty, Province) <u>To</u>	RONTO, ONI	MPW, this Z	22 day of	FEBRUARY,	201 <u>8</u>
		-				

Dean C.X. TSERETOPOULOS

STATEMENT BY WITNESS

I, <u>SEREMY WISETINGE</u>, whose full Post Office address is 66 WAUNGTON ST. W. ISM FLOOR, TOPONTO, ON, MSK INSE personally present and did see the above named person, who is known to me, execute the above Assignment.

(Signature of Witness

Inventor 2:			
EXECUTED at (City, Province) Eden,	Ontario , th	is <u>8th</u> day of	January , 201 <u>9</u>
	RAM	A.	
_	Robert Alexan	der MCCARTE	R
,			
STATE	MENT BY WITNI	ESS	
I, Sara B. Lattanzio		whose full Post (Office address is
10291 Plank Road, Eden Ontario	, N0J 1H0		was
personally present and did see the above	named person, who	is known to me,	execute the above
Assignment.			
	Shire Posts	9	

(Signature of Witness)

Inventor 3:
EXECUTED at (City, Province) TWWto, OV, this 25 day of OC+, 2017
Shlahi
Sarabjit Singh WALIA
STATEMENT BY WITNESS
I, Nicole Awarez, whose full Post Office address is wellington St. W. 15th Flow, TWONTO, ON was
personally present and did see the above named person, who is known to me, execute the above
Assignment.
(Signature of Witness)
Inventor 4:
EXECUTED at (City, Province), this day of, 2017
Vipul Kishore LALKA
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)

Page 5 of 9

Inventor 3:	
EXECUTED at (City, Province)	_, this, 2017
Sambit S	ingh WALIA
Sarauju Si	ingn WALIA
STATEMENT BY WI	TNESS
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 W	itness)
(Signature of W	··
Inventor 4:	
	th. a and the
EXECUTED at (City, Province) TORONTO, ON	, this 25 day of APFIL, 2018
t ii	Mulh
Vinul Kish	ore LALKA
· · · · · · · · · · · · · · · · · · ·	
STATEMENT BY WI	TNESS
· · · · · · · · · · · · · · · · · · ·	
I, BRYAN DUNN	, whose full Post Office address is
1112 GABLE DRIVE, CAKULLE ON	L. 10.1. 718.3 was
personally present and did see the above named person,	
Assignment.	as and so and, orangement and door of
	7

Page 5 of 9

Inventor 5:
EXECUTED at (City, Province) TOYONTO Ontanio, this 28 day of December 2018
Nadia MORETTI
STATEMENT BY WITNESS
I, YIWEN MA, whose full Post Office address is 7 Puellington St. West, Floor 18th, Toronto was
personally present and did see the above named person, who is known to me, execute the above
Assignment.
(C'anata C Without
(Signature of Witness)
Inventor 6:
EXECUTED at (City, Province), this day of, 2017
Paige Elyse DICKIE
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)

Page 6 of 9

Inventor 5:				
EXECUTED at (City, Province)		, this	day of	, 2017
•	Nadia M	IORETTI		,
	STATEMENT BY	WITNESS		
I,		, whose	e full Post Offi	ce address is
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age and the second did so the	a abarra mana da anna			_
personally present and did see th	e above named perso	n, who is kile	own to me, exe	cute the above
Assignment.	•			
	<u> </u>			
	(Signature of	Witness)		
Inventor 6:	,			
EXECUTED at (City, Province)	Dronto, ON	, this _9	day of _ FO	orlany, 201 <u>8</u>
		p Na		
	PaigeÆ	yse DICKIE		
	/ ///	<i>,</i>		
	STATEMENT BY V	WITNESS		
	STATEMENT DI	WIINESS		
a licale Allare	24		•	
I, Nicole Alvares	15th 700r, -	whose TWANTO, a	full Post Offic	ce address is was
personally present and did see the		n who is kno	wn to me eve	_
	o above named person	ii, who is kill	/ vvii to iiio, cae	oute the above
Assignment.	. /	XX Owx	90	
	WIN	1	$(\)$	
	(Signatural of	Witness		

PATENT REEL: 049021 FRAME: 0962

Page 6 of 9

Inventor 7:
EXECUTED at (City, Province) TWMT, 00, this day of Fabruary, 201 E
Denny Devasia KURUVILLA
STATEMENT BY WITNESS
I, Nicole Alvares, whose full Post Office address is Wellington St. W. 15th 1700 Toranto, ON, MSK 122 was
personally present and did see the above named person, who is known to me, execute the above Assignment.
(Signature of Witness)
Inventor 8:
EXECUTED at (City, Province), this day of, 2017
Milos DUNJIC
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)

Page 7 of 9

Inventor 7:				•
EXECUTED at (City, Province)_		, this	day of	, 2017
	•			
	 Denr	ıy Devasia KUR	TIVILLA	
	·	iy Devusia ixel	O VILLA	
	STATEMENT E	BY WITNESS		
I,		, whose	e full Post Offic	e address is was
personally present and did see the Assignment.	e above named pe	erson, who is kno	own to me, exec	ute the above
	(Signature	e of Witness)		
Inventor 8:	-nadn d			
EXECUTED at (City, Province)_	1010MID, ON	المراقع	day of	<u>в</u> , 201 <u></u>
	Lyn	this 8 wh leu. Milos DUNJI	roy c	
	STATEMENT B	BY WITNESS		
66 Wolfington St. N	Sh Flior 1		full Post Offic	-
personally present and did see the Assignment.	above named pe	erson, who is kno	own to me, exec	ute the above
Assignment.	(Signature	e of Witness)		

Page 7 of 9

Inventor 9:
EXECUTED at (City, Province) TOWNTO, ON, this Oth day of FOWNM, 2018
DoDAd
Dino Paul D'AGOSTINO
STATEMENT BY WITNESS
I, NiCOLEXI WYCZ, whose full Post Office address is Clowellworton St. W. 15th Floor, Toronto, ON MEXIX2 was
personally present and did see the above named person, who is known to me, execute the above Assignment.
(Signature of Witness)
Inventor 10:
EXECUTED at (City, Province), this day of, 2017
Arun Victor JAGGA
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)

Page 8 of 9

Inventor 9:				
EXECUTED at (City, Province)	,1	this	_day of	, 2017
	•			
	Dino Paul D'	AGOSTI	NO	
STATEME	ENT BY WITN	IESS		
I,		whose f	iıll Post Office ad	ldress is
personally present and did see the above name Assignment.				the above
Sign	nature of Witn	ess)	<u> </u>	
Inventor 10:				
EXECUTED at (City, Province) Toward,	$OX / \phantom{AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA$	his <u></u>	day of March	1,201 <u>8</u>
	a	Victor JA	GGA	
	NT BY WITN			
66 Wellington St. W. KSMM-00	1 TOVOUTO,	, whose f	ull Post Office ac	ldress is as
personally present and did see the above name	ned person, wh	o is know	n to me, execute	the above
Assignment.				
M	X Mulan C	2/		

Page 8 of 9

Inventor 11:			
EXECUTED at (City, Province)	Bronk.	this day of	ler, 2017
	1/1	?	
	John Jong-S	uk LEE	
STA	TEMENT BY WIT	NESS	
I, Nicole Alva de Wellington St. W	TETHER,	_, whose full Post Of	fice address is / MSK/KZ was
personally present and did see the abo			
Assignment.			
	Signature of With	ness)	
Inventor 12:			
EXECUTED at (City, Province)		this day of	, 2017
	Rakesh Thor	mas JETHWA	
STA	TEMENT BY WITI	NESS	
Ι,	· .	_, whose full Post Of	fice address is
			was
personally present and did see the abo Assignment.	ve named person, wl	no is known to me, ex	secute the above
	(Signature of Wita	ness)	

Page 9 of 9

Inventor 11:				
EXECUTED at (City, Province)		, this	day of	, 2017
				·
	John Jong	g-Suk LEE		
STATEM	ENT BY W	ITNESS		
Ι,		, whose	e full Post Offi	ce address is
			·····	was
personally present and did see the above nar	med person,	who is kno	own to me, exe	ecute the above
Assignment.				
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(Si _į	gnature of W	Vitness)		
Inventor 12:	20x /		2	al
EXECUTED at (City, Province) TOVMTO,	01	_, this	day of FO	201 <u>8</u>
	1			
	Rakesh Ti	homas JE7	THWA	
STATEM	ENT BY WI	ITNESS		
1 1 Vical e XIVIES		whose	s full Dogt Off	aa addmaa is
I, Nicole Ahres	to on	MSK 12	tuii Post Offi 72	was
personally present and did see the above nag		,		
Assignment.	Qua			
Si	gnature of W	Vitness)		

Page 9 of 9

PATENT REEL: 049021 FRAME: 0968

RECORDED: 04/29/2019