506848452 09/01/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
A WARREN PRATTEN	08/04/2021
RANDALL WALTON MARTIN	08/31/2021
MARTIN ALBERT LOZON	04/02/2019
GRAHAM ALLAN ANDERSON	08/09/2021
RATNADEEP BHADRA	08/31/2021
JAMES KENNETH MCCRAE	08/20/2021
DINO PAUL D'AGOSTINO	04/03/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16129060

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: 4164798647

Email: mailbox@rowandlaw.com

Correspondent Name: ROWAND LLP

Address Line 1: 3080 YONGE STREET, SUITE 6060

Address Line 4: TORONTO, CANADA M4N 3N1

ATTORNEY DOCKET NUMBER:	337-0049USP1
NAME OF SUBMITTER:	HELEN VONGPHAKDY
SIGNATURE:	/Helen Vongphakdy/
DATE SIGNED:	09/01/2021

PATENT REEL: 057353 FRAME: 0650

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Total Attachments: 9 source=18050-DCP-US-PAT_Assignment#page1.tif source=18050-DCP-US-PAT_Assignment#page2.tif source=18050-DCP-US-PAT_Assignment#page3.tif source=18050-DCP-US-PAT_Assignment#page4.tif source=18050-DCP-US-PAT_Assignment#page5.tif source=18050-DCP-US-PAT_Assignment#page6.tif source=18050-DCP-US-PAT_Assignment#page7.tif source=18050-DCP-US-PAT_Assignment#page8.tif source=18050-DCP-US-PAT_Assignment#page9.tif

PATENT REEL: 057353 FRAME: 0651

ASSIGNMENT

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

PRATTEN, A Warren - 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada

MARTIN, Randall Walton – 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada

LOZON, Martin Albert – 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada

ANDERSON, Graham Allan – 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada

BHADRA, Ratnadeep – 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada

MCCRAE, James Kenneth – 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada

D'AGOSTINO, Dino Paul – 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada

has/have invented a **SYSTEM AND METHOD FOR AUTOMATED DEPOSIT ITEM HANDLING** ("Invention") for which one or more applications for patent, design registration, utility model registration, or other form of protection, rights, or title have been or will be made in certain countries ("Applications"), as further described below:

US Patent Application No. 16/129,060, filed September 12, 2018

AND WHEREAS, **The Toronto-Dominion Bank**, (hereinafter referred to as the "ASSIGNEE"), 66 Wellington St. W., 15th Floor, Toronto, Ontario, M5K 1A2, Canada, has acquired and/or is desirous of acquiring the full and exclusive right, title and interest in and to said Invention, said Applications inclusive of all ancillary rights relating thereto, any and all priority rights derived from said Applications, and all patents, design registrations, utility model

PATENT REEL: 057353 FRAME: 0652 registrations and other forms of protection, rights and titles relating to said Invention, in any country or countries and in respect of the whole or any part or parts of or improvements to the Invention;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR(S) does/do hereby confirm that ASSIGNOR(S) has/have transferred, conveyed and assigned, and by way of further assurance does/do hereby transfer, convey and assign, any and all of ASSIGNOR(S)'s respective rights, title and interest in and to: the Invention; the Applications; any further applications for patent, design registration, utility model registration or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Invention in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Invention; the right in and to any patent or reissue patent relating to the Applications, Further Applications and Divisionals ("Grants"); and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Invention, Applications, Grants, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this Worldwide Assignment; with the intent that the Invention, Applications, Grants, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNOR(S) does/do hereby agree, upon request, to provide assistance and to execute any and all further documents, at the expense of ASSIGNEE and/or its successors and assigns (as applicable), which may be necessary or desirable to enable ASSIGNEE, and/or its successors and assigns, to file, prosecute, bring proceedings and take other actions with respect to any and all of the Invention, Applications, Further Applications, Divisionals, Grants and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNOR(S) further agrees/agree to execute, upon request and at the expense of ASSIGNEE and/or its successors and assigns, any and all further documents which may be necessary to vest or perfect the title of ASSIGNEE therein.

ASSIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

ASSIGNOR(S) does/do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon ASSIGNOR(S) and their successors and permitted assigns.

DELIVERY of this Worldwide Assignment by copy, however transmitted, constitutes valid and effective delivery. This Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:

Date: Aug 4/2021

PRATTEN, A Warren

STATEMENT BY WITNESS

I, Gianna Pratten, hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Assignment, duly sign and execute same.

Date: (Signature of Witness)	
IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:	
Date Aug 31 2-21 MARTIN Bandall Walton	
STATEMENT BY WITNESS	-
1. More than 1 was personally resent and did see the above named person, personally known to me to be a person named in the assignment, duty sign and execute same.	e
1/1/201/1/2 (Signature of Witness)	

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:

Date: <u>April 2, 2019</u>

LOZON, Martin Albert

STATEMENT BY WITNESS

I, Madina Minney, hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Assignment, duly sign and execute same.

Date: April 2, 2019

WA-

(Signature of Witness)

IN WITNESS WHEREOF, th undersigned:	is Assignment has been executed below by the
Date: August 9, 2021	Graham anderson ANDERSON, Graham Allan
C.T.A.	
STA	ATEMENT BY WITNESS
_{I,} Susan Anderson	, hereby declare that I was personally
present and did see the above named a Assignment, duly sign and execute sa	person, personally known to me to be a person named in the me.
Date: August 9, 2021	Susan Anderson
	(Signature of Witness)

IN WITNESS WHEREOF, this undersigned:	Assignment has been executed below by the
Date: August 31, 2021	BHADRA, Ratnadeep
STAT	EMENT BY WITNESS
I,	, hereby declare that I was personally rson, personally known to me to be a person named in the e.
Date:	(Signature of Witness)
	(Signature of witness)

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:

Date: Hug 20 21

MCCRAE, James Kenneth

STATEMENT BY WITNESS

I, ________, hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Assignment, duly sign and execute same.

Date: Hug 20 '21

(Signature of Witness)

IN WITNESS WHEREOF, this Assignment has been executed below by the
undersigned:
Date: April 3,2013 D'AGOSTINO, Dipó Paul
STATEMENT BY WITNESS
I, Madalina Minnear , hereby declare that I was personally
present and did see the above named person, personally known to me to be a person named in the
Assignment, duly sign and execute same.
Date: <u>April 3,2019</u>
(Signature of Witness)