505206586 11/27/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN JONG-SUK LEE	10/10/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15726429

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 1:2302-401 BAY ST., PO BOX 56Address Line 4:TORONTO, CANADA M5H 2Y4

ATTORNEY DOCKET NUMBER:	337-0019USP1
NAME OF SUBMITTER:	FRASER ROWAND
SIGNATURE:	/Fraser Rowand/
DATE SIGNED:	11/27/2018

Total Attachments: 7

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PATENT REEL: 047593 FRAME: 0281

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PATENT REEL: 047593 FRAME: 0282

Firm Name: Rowand LLP

WORLDWIDE ASSIGNMENT

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

HORVATH, Peter

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

KAISER, JR., Eric Paul

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

GERVAIS, Steven

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

LEE, John Jong-Suk

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

JAGGA, Arun Victor

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

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

DEVICES AND METHODS FOR ENHANCED IMAGE CAPTURE OF DOCUMENTS

for which a United States Patent application was filed on October 6, 2017 and accorded Application Serial Number 15/726,429 (further identified by Attorney Docket No. 337-0019USP1 and TD Reference No. 17065-DCX-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;

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Firm Name: Rowand LLP

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 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.

		Firm Name: Rowand LLP
EXECUTED at (City, Province)	, this day o	of, 20
HORVATI	I, Peter	
STATEMENT B	Y WITNESS	
Ι,	, whose full Pos	st Office address is
		was
personally present and did see the above named personal perso		

(Signature of Witness)

Page 3 of 7

TD Reference No. 17065-DCX-US-PAT

EXECUTED at (City, Province)		, this	day of	, 20
-	KAISER, J	R., Eric l	Paul	
STATE	EMENT BY WIT	NESS		
I,		, whose	e full Post Offi	ce address is
				was
personally present and did see the above	named person, v	vho is kno	own to me, exe	ecute the above
Assignment.				
.	(Signature of Wi	tness)	······································	

EXECUTED at (City, Province)	A Section of the sect	, this	day of	, 20
	GERVAIS	S. Steven		_
	GDR (771)	s, steven		
STAT	TEMENT BY W	ITNESS		
I,		, whos	e full Post Offic	ce address is
				_ was
personally present and did see the above	e named person,	who is kn	own to me, exe	cute the above
Assignment.				
	(Signature of V	Vitness)		

EXECUTED at (City, Province)	to, on	, this day of
	LEE, John Joh	g-Suk
STAT	EMENT BY WI	TNESS
I, Nicolet Ware 2 60 Wollington St. W.	Br Flor	, whose full Post Office address is
personally present and did see the above	e named person, v	who is known to me, execute the above
Assignment.	(Signature of W	itness)

EXECUTED at (City, Province)	, this	day of	, 20
JAC	GGA, Arun Victor		
STATEME	ENT BY WITNESS		
I,	, whos	e full Post Office	e address is
			was
personally present and did see the above nan	ned person, who is kn	own to me, exect	ite the above
Assignment.			
(Sig	nature of Witness)	····	

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