504650951 11/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4697672

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHARLES D. MACPHERSON	12/18/2015
THEODOROS GARANZOTIS	12/18/2015

RECEIVING PARTY DATA

Name:	BANK OF CANADA	
Street Address:	234 WELLINGTON STREET	
City:	OTTAWA	
State/Country:	CANADA	
Postal Code:	K1A0G9	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15539488

CORRESPONDENCE DATA

Fax Number: (612)563-9231

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: 6132325300

Email: INFO@SHAPIROCOHEN.COM

Correspondent Name: SHAPIRO COHEN LLP

Address Line 1: 555 LEGGET DRIVE SUITE #830 Address Line 4: OTTAWA, CANADA K2K 2X3

ATTORNEY DOCKET NUMBER:	12304P0044US02	
NAME OF SUBMITTER:	SHEEMA KHAN	
SIGNATURE:	/Sheema Khan/	
DATE SIGNED:	11/20/2017	

Total Attachments: 2

source=155398488_EXECUTED_Assignment_BANK_OF_CANADA#page1.tif source=155398488_EXECUTED_Assignment_BANK_OF_CANADA#page2.tif

PATENT 504650951 REEL: 044180 FRAME: 0536

2015-010 (12709)

ASSIGNMENT

WHEREAS, we, Charles D. MACPHERSON and Theodoros GARANZOTIS, citizens of CANADA, residing at 5290 Overpass Road, Unit 16, Santa Barbara, California 93111, UNITED STATES OF AMERICA and 4472 Shoreline Drive, Ottawa, Ontario K1V 1S7, CANADA; respectively, have made an invention (hereinafter the "Invention") for which we have made application for Letters Patent of the United States of America entitled;

DYNAMIC SECURITY DEVICES BASED ON GRAVITATIONAL MICROSCOPIC ELEMENTS

Filed in the United States on December 24, 2014 under United States Provisional Application No. 62/096,695 (hereinafter the "Application");

AND WHEREAS BANK of CANADA, located at 234 Wellington Street, Ottawa, Ontario K1A 0G9, CANADA is desirous of acquiring the entire interest therein:

NOW, THEREFORE, in consideration of ONE DOLLAR (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, **Charles D. MACPHERSON** and **Theodoros GARANZOTIS** do sell, transfer, and assign to **BANK of CANADA**, our full and exclusive right, title and interest in and to the Invention in all countries of the world and in and to the Application and all subsequent patent applications based thereon, including any regular patent applications that claim priority therefrom, and any and all continuations, divisions and reissues of any of the foregoing, together with the right to claim priority from the Application under the provisions of any international agreements and national laws including the International Convention for the Protection of Industrial Property,

and we hereby confirm that we have the right to make the assignment herein free of any encumbrances or interests of any other parties,

1

PATENT REEL: 044180 FRAME: 0537 2015-010 (12709)

and we hereby authorize the Commissioner of Patents and Trademarks, and any official of any country authorized to issue patents, to issue any Letters Patent for the Invention to the BANK of CANADA, to the extent that the same would have been issued to us in the event that ownership rested with us as inventors, to the full end of the term for which said Letters Patent may be granted.

This Assignment is effective as of December 24, 2014.

Executed this <u>18</u> day of <u>December</u> 2015 at <u>Santa Barbara</u>, <u>CA</u>.

Charles D. MACPHERSON

Declaration by Witness

January Sun, whose full post office address is 52.40 Guerpass Roberto Satt 16

Santa Barbara, 9311 U.S. A Santa Barbara, who is personally known to me duly sign and execute the above Assignment.

Executed this 18 day of <u>Dacember</u>2015 2015

at <u>Senta Barbara</u>, CA

81 December 8015 Theodoro Garannoth

Ottoma, ON Theodoros GARANZOTIS

Declaration by Witness

1, PIERE ROACH, whose full post office address is 1880 Rewind CA

ORlans Out say:

That I was personally present and did see, Theodoros GARANZOTIS, who is personally known to me duly sign and execute the above Assignment.

2

PATENT REEL: 044180 FRAME: 0538

RECORDED: 11/20/2017