PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6210209

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN E. SINKS	07/08/2020
JONATHAN SHEEDY	07/13/2020

RECEIVING PARTY DATA

Name:	BANK OF AMERICA CORPORATION
Street Address:	MAIL CODE NC 1-027-20-05
Internal Address:	214 N. TRYON ST.
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28255

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16934266

CORRESPONDENCE DATA

Fax Number: (312)463-5001

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: (312) 463-5000

Email: bwptopat@bannerwitcoff.com, mmccarthy@bannerwitcoff.com

Correspondent Name: BANNER & WITCOFF, LTD.
Address Line 1: 71 SOUTH WACKER DRIVE

Address Line 2: SUITE 3600

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	007131.02300	
NAME OF SUBMITTER:	PETER D. NIGRELLI	
SIGNATURE:	/Peter D. Nigrelli/	
DATE SIGNED:	07/21/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

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PATENT 506163473 REEL: 053263 FRAME: 0911

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PATENT REEL: 053263 FRAME: 0912

Firm No.: 007131,02300

9909 US1

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	Artificial Intelligen	ce-Based Lateral Movement Identification Tool
As the below	named inventor, I hereby d	eclare that:
This declaration is directed to:	1991 1120 200 200 1993 N	randoski objet skieno kolonokolonokolonokoje objeto. pplication, pr eskojaka kolonokolonokolonokoje kolonokoje kolonokoje pplication, pr eskojaka kolonokoje objeto objeto objeto objeto objeto objeto objeto.
a e mûr ypaster Heriologia	United States a filed on	pplication or PCT international application number
The above-ide	entified application was ma	de or authorized to be made by me.
I believe that	l am the original inventor o	r an original joint inventor of a claimed invention in the application.
I hereby acknown imprisonment	owledge that any willful fal of not more than five (5) y	se statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or ears, or both.
ente Chatago es acap		ASSIGNMENT
(City, State/Pr even date her authorize the	ovince) have invented the ewith, otherwise, to compl	signor"), a citizen of <u>United States</u> (Country), residing in Scottsdale, AZ above invention. If the following lines are blank, the above application was filed on y with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby ica to insert the filing date and application number below after they become
	U.S. Application	No. 16/934,266 , filed 7/21/2020
Delaware, and title and inter	I having its offices and placest in and to the aforesaid	TION ("Assignee"), a Corporation duly organized under the laws of the State of a polyton of the State of a polyton of the State of a polyton of acquiring the entire right, inventions and in and to all applications and Letters Patent therefor granted in the all countries foreign thereto:
payment for t said Assignor, representative countries fore countries in it entitled under Letters Patent in-parts and e confidential ir request the Co inventions or interest. I represent without furthin nominees, amprovisional, di proceedings, s	he making of inventions, or by these presents do sell, a se, the full and exclusive riging thereto, and throughous own name and to claim a rinternational conventions granted therefor, and all retensions thereof, and in a stormation, and compilation ommissioner of Patents, and resulting therefrom to said resent and warrant that I her consideration, but at the y and all facts known to me visional, relissue, reexamining all lawful papers, make	PNCERN, be it known that, for good and valuable consideration, including salary or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I issign and transfer unto said Assignee, its successors, assigns and legal ht, title and interest for the territory of the United States of America and all it the world and in space, (including the right to apply for Letters Patent in foreign by priority rights for such foreign applications to which such applications are treaties, or otherwise), in and to said inventions and in and to all applications and on-provisionals, divisionals, reissues, reexaminations, continuations, continuational to all copyrights, trademarks with their associated goodwill, trade secrets, is, necessary or useful to make, use, or sell the inventions. I hereby authorize and did any official whose duty it is to issue patents, to issue all Letters Patent on said Assignee, or its successors and assigns, as assignee of the entire right, title and see full right to agree to, execute, and deliver this assignment. I agree that I will expense of Assignee, communicate to said Assignee, or its successors, assigns, or regarding said inventions whenever requested, and that I will execute all non-tition, continuation and continuation-in-part applications, testify in any legal all rightful oaths, and generally do everything reasonable for said Assignee, its

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WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR			
		. 7/8/2020	
Inventor: Steven E. Sinks	Date	e: /_ 1/2029	
Signature:	A CONTRACTOR OF THE PARTY OF TH	the state of the s	

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9909 US1

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention Artificial Intelligence-Based Lateral Movement Identification Tool			
As the below named inventor, I hereby declare that:			
This declaration is directed to:			
United States application or PCT international application number			
The above-identified application was made or authorized to be made by me.			
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fi imprisonment of not more than five (5) years, or both.	ne or		
ASSIGNMENT			
WHEREAS, I, <u>Jonathan Sheedy</u> ("Assignor"), a citizen of <u>United Kingdom</u> (Country), residing in <u>Poynton, Chest</u>	<u>ıir</u> e		
(City, State/Province) have invented the above invention. If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application number below after they become known and prior to filing the recordation.			
U.S. Application No. 7/21/2020 , filed			
WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:			
NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including sala payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in for countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all application Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-parts and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on sa inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title an interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I w without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assign nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all nor provisional, divisional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assi	eign s and tion- and id d ill s, or		

Firm No.: 007131.02300 9909 US1

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

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LEGAL NAME OF INVENTOR				
lavonton Louthon Choody		Data	13 July 2020	
Inventor: <u>Jonthan Sheedy</u>	A cert	Date:	13 July 2020	
Signature:			/	
,				

RECORDED: 07/21/2020