502581080 11/25/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2627120

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CARMINE MICHAEL WARN	11/13/2013
SIREESH KUMAR NUTHI	11/13/2013
PRANEETH CHANDRA BHATTARAM	11/21/2013

RECEIVING PARTY DATA

Name:	BANK OF AMERICA CORPORATION		
Street Address:	ss: 214 NORTH TRYON STREET		
Internal Address:	NC1-027-20-05		
City:	CHARLOTTE		
State/Country:	NORTH CAROLINA		
Postal Code:	28255		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14088597

CORRESPONDENCE DATA

Fax Number: (202)824-3001 Phone: 202-824-3000

aanderson@bannerwitcoff.com, BWPTOPAT@bannerwitcoff.com Email:

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: **ELIZABETH A. ALMETER** Address Line 1: 1100 13TH STREET, SUITE 1200

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-4051

ATTORNEY DOCKET NUMBER:	007131.01422
NAME OF SUBMITTER:	ELIZABETH A. ALMETER
Signature:	/Elizabeth A. Almeter/
	PATENT

PATENT REEL: 031667 FRAME: 0007 502581080

Date:	11/25/2013	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 6 source=7131-1422-DecAssignment#page1. source=7131-1422-DecAssignment#page2. source=7131-1422-DecAssignment#page3. source=7131-1422-DecAssignment#page4. source=7131-1422-DecAssignment#page5. source=7131-1422-DecAssignment#page6.	tif tif tif tif	

PATENT REEL: 031667 FRAME: 0008

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	Anomalous Activity Detection
As the below named invertor, I hereby	declare that:
This declaration X The attached is directed to:	Lapp Ication, or
	s application or PCT international application number
The above identified application was r	sade 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 fi imprisonment of not more than five (S	alse statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or lyears, or both
	ASSIGNMENT
in <u>Manalepan, NJ</u> (City, State/Prov application was filed on even date here	n ("Assignor"), a citizen of <u>United States of America</u> (Country), residing ince) have invented the above invention. If the following lines are blank, the above swith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an attorneys for Bank of America to insert the filling date and application number below filling the recordation.
U.S. Applicati	on No. 14/088,597 filed November 25, 2013
Delaware, and having its offices and pla	IATION ("Assignee"), a Corporation duly organized under the laws of the State of see of business at Charlotte, North Carolina, is desirous of acquiring the entire right, d inventions and in and to all applications and Letters Patent therefor granted in the ad all countries foreign thereto:
payment for the making of Inventions, said Assignor, by these presents do sell representatives, the full and exclusive countries foreign thereto, and through countries in its own name and to claim entitled under international convention. Letters Patent granted therefor, and all in-parts and extensions thereof, and is confidential information, and compilate request the Commissioner of Patents, a inventions or resulting therefrom to sainterest. I represent and warrant that I without further consideration, but at the nominees, any and all facts known to in provisional, divisional, reissue, reexamproceedings, sign all lawful papers, malestical countries.	CONCERN, be it known that, for good and valuable consideration, including salary or or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I assign and transfer unto said Assignee, its successors, assigns and legal ight, title and interest for the territory of the United States of America and all out the world and in space, (including the right to apply for Letters Patent in foreign any priority rights for such foreign applications to which such applications are as, treaties, or otherwise), in and to said inventions and in and to all applications and inon provisionals, divisionals, relisaues, reexaminations, continuations, continuations and to all copyrights, trademarks with their associated goodwill, trade secrets, ons, necessary or useful to make, use, or sell the inventions. I hereby authorize and and 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 have full right to agree to, execute, and deliver this assignment. I agree that I will be expense of Assignee, communicate to said Assignee, or its successors, assigns, or are regarding said inventions whenever requested, and that I will execute all nonnation, continuation and continuation-in-part applications, testify in any legal to all rightful paths, and generally do everything reasonable for said Assignee, its listain and enforce proper patent protection for said inventions in all countries.

[Page 1 of 2]

PATENT REEL: 031667 FRAME: 0009

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify their. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTC-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 reducting 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	OFINVENTOR					
inventor:	Caestine Michael 8	<i>tur</i>	D:	ste: ///	7/2019	y Y
Signature:	Car.	hody V				

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	Anomalous Activity Detection		
As the below	name	ed inv	entor, I hereby declare that:
This declarati		Х	The attached application, or
			United States application or PCT international application number
The above-ide	entifi	ed apı	plication was made or authorized to be made by me.
I believe that	l am	the o	riginal inventor or an original joint inventor of a claimed invention in the application.
		_	nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or one than five (5) years, or both.
		mandalda (1.1.18)	ASSIGNMENT
WHEREAS, I, Sireesh Kumar Nuthi ("Assignor"), a citizen of India (Country), residing in Plainsboro, NJ (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. 14/088,597 , filed November 25, 2013			
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:			
payment for said Assignor representative countries for countries in itentitled under Letters Paten in-parts and confidential ir request the Conventions or interest. I repwithout furth nominees, ar provisional, coproceedings,	the m, by t' , by t' , by t' , es, the leight t , sow er inter er to more er co y and livision sign	naking hese page full the full the return namernation of the sions national transide dall family all law all l	WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, it presents do sell, assign and transfer unto sald Assignee, its successors, assigns and legal and exclusive right, title and interest for the territory of the United States of America and all on, and throughout the world and in space, (including the right to apply for Letters Patent in foreign the and to claim any priority rights for such foreign applications to which such applications are considered, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuations, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and thereof are patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and it warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will ration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or acts known to me regarding said inventions whenever requested, and that I will execute all non-eissue, reexamination, continuation and continuation-in-part applications, testify in any legal virul papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its nominees, to obtain and enforce proper patent protection for said Inventions in all countries.

[Page 1 of 2]

WARNING:

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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	
Inventor: Sireesh Kumar Nuthi	Date: 13-Nov-2013
Signature: W. Sivellin Kurnaf	

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	Anomalous Activity Detection	
As the below	named inventor, I hereby declare that:	
This declaration is directed to:		
	United States application or PCT international application number	
The above-ide	entified application was made or authorized to be made by me.	
I believe that	am the original inventor or an original joint inventor of a claimed invention in the application.	
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or of not more than five (5) years, or both.	
	ASSIGNMENT	
WHEREAS, I, Praneeth Chandra Bhattaram ("Assignor"), a citizen of India (Country), residing in Somerset, NJ (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. 14/088,597, filed November 25, 2013	
Delaware, and title and inter	NK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of I having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, est in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the of America, and in any and all countries foreign thereto:	
payment for t said Assignor, representative countries for e countries in it entitled under Letters Patent in-parts and e confidential in request the Co inventions or interest. I represent the nominees, any provisional, di proceedings, s	ORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal es, the full and exclusive right, title and interest for the territory of the United States of America and all ign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign sown name and to claim any priority rights for such foreign applications to which such applications are international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuations, tensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, formation, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and ommissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and resent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will are consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or and all facts known to me regarding said inventions whenever requested, and that I will execute all nonvisional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal ign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its	

WARNING:

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pulposes are not retained in the application hie and there	fore are not publicly available.
LEGAL NAME OF INVENTOR	
Inventor: Praneeth Chandra Bhattaram Signature: B.P. Cher	Date: 11/21/2013