506043456 05/04/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6090171

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THERESE H. WILLIS	04/27/2017
JAMES J. PARK	04/24/2017
PAUL MARZIANI	04/27/2017
JEETENDRA H. JAIN	04/24/2017
ERIC W. DOYLE	05/01/2017
VIKASH DAMANI	04/27/2017
CHINMAY S. BARHALE	04/27/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16865829

CORRESPONDENCE DATA

Fax Number:

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: 2149536759

Email: ptomail1@bakerbotts.com

Correspondent Name: BAKER BOTTS LLP/BANK OF AMERICA CORPORAT

Address Line 1: 2001 ROSS AVENUE

Address Line 2: SUITE 900

Address Line 4: DALLAS, TEXAS 75201

ATTORNEY DOCKET NUMBER: 015444.1624

NAME OF SUBMITTER: LATOYA JENKINS

SIGNATURE: /Latoya Jenkins/

506043456 REEL: 052562 FRAME: 0256

PATENT

DATE SIGNED:	05/04/2020	
Total Attachments: 14		
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source=015444.1624 Assignment#page	4.tif	
source=015444.1624 Assignment#page	5.tif	
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source=015444.1624 Assignment#page	12.tif	
source=015444.1624 Assignment#page13.tif		
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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	Information Security Using Velocity Attack Detection	
As the below name	ed inventor, l hereby declare that:	
This declaration is directed to:	⊠ The attached application, or	
,	☐ United States application or PCT international application numberfiled on	
The above-identifie	ed application was made or authorized to be made by me.	
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.	
Thereby acknowled	lge that any willful false statement made in this declaration is punishable under 18 U.S.C. risonment of not more than five (5) years, or both.	
	ASSIGNMENT	
application was fil assignment, I an a	terese H. Willis ("Assignor"), a citizen of United States (Country), residing in Apopka, te/Province) have invented the above invention. If the following lines are blank, the above ed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignor below, hereby authorize the attorneys for Bank of America to insert the filing date number below after they become known and prior to filing the recordation.	
U.S. Application N	o. 16/865,829 , filed, filed	
the State of Delawa acquiring the entire	OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of are, and having its offices and place of business at Charlotte, North Carolina, is desirous of right, title and interest in and to the aforesaid inventions and in and to all applications and efor 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 salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I 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 foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are		
ve 32802224 1		

entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-in-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 and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-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 Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

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 PT0-2038 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 PT0-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Therese H. Willis

Signature: Meuse H.Willis

Date: 4/24/2017

Active 32802224,1

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

Information Security Us	ing Velocity Attack Detection	
As the below named inventor, Thereby declare that:		
This declaration is		
directed to S The attached application	on, or	
* *	ion or PCT international application number	
The above-identified application was made or author	ized to be made by me.	
I believe that I am the original inventor or an original)	oint inventor of a claimed invention in the application	
···	made in this declaration is punishable under 18 U.S.C.	
thereby acknowledge that any willful tasse statement 1001 by fine or imprisonment of not more than five (5		
Signed to being some the sea of t		
ASS	GRIMENT	
and the second s	to comply with 37 C F R §3.21 for recorded of this becomes for Bank of America to insert the filing date and prior to fling the recordation $05/04/2020$	
	Assignee": a Corporation duly organized under the laws of	
WHEREAS, BANK OF AMERICA CONFORATION (ce of business at Charlotte. North Carolina, is desirous of	
THE SIGNATURE OF LINES AND THE SAME AND THE	the aforesaid inventions and in and to all applications and	
Letters Patient therefor granted in the United States	of America, and in any and all countries foreign thereto.	
including salary or payment for the making of inventi- which is hereby acknowledged, I said Assignor, by	to be it known that, for good and valuable consideration, ions, or employee benefits, the receipt and sufficiency of these presents do sell, assign and transfer unto said.	
Assignee its successors, assigns and legal represer	statives, the full and exclusive right, title and interest for countries foreign thereto, and throughout the world and	
the territory of the United States in Arresta and an	sent in foreign countries in its own harne and to claim any	
priority rights for such foreign applications to which	such applications are	

1,760,196,1

entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-in-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 and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-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 Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

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LEGAL NAME OF INVENTOR

Inventor: James J. Park

Signature: 11/1

Date: 4/24/17

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	Information Security Using Velocity Attack Detection		
As the below name	As the below named inventor, I hereby declare that:		
This declaration is			
directed to:	☑ The attached application, or		
	☐ United States application or PCT international application number filed on		
The above-identifie	ed application was made or authorized to be made by me.		
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.		
	Ige that any willful false statement made in this declaration is punishable under 18 U.S.C. risonment of not more than five (5) years, or both.		
	ASSIGNMENT		
Florida (City, Sta application was fil assignment, Lan	tel Marziani ("Assignor"), a citizen of United States (Country), residing in Augustine, te/Province) have invented the above invention. If the following lines are blank, the above led on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignor below, hereby authorize the attorneys for Bank of America to insert the filing date umber below after they become known and prior to filing the recordation.		
U.S. Application N	o. 16/865,829 , filed, 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 salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I 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 foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are			

Active 32801940.1

entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-in-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. Thereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-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 Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

WARNING

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LEGAL NAME OF INVENTOR

Inventor: Paul Marziani

Date: 4/37/17

Signature:

Active 32801940.1

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

Title of Invention	Information Security Using Velocity Attack Detection		
As the below named inventor, I hereby declare that:			
This declaration is			
directed to:	☑ The attached application, or		
	☐ United States application or PCT international application number		
The above-identification	ed 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.		
	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. or sonment of not more than five (5) years, or both.		
	ASSIGNMENT		
Carolina (City, S above application this assignment,	etendra H. Jain ("Assignor"), a citizen of India (Country), residing in Charlotte, North state/Province) have invented the above invention. If the following lines are blank, the n was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of I an assignor below, hereby authorize the attorneys for Bank of America to insert the filing tion number below after they become known and prior to filing the recordation.		
U.S. Application I	No. 16/865,829 , filed05/04/2020		
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:			
including salary or which is hereby a Assignee, its succ the territory of the in space, {including	RE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, repayment for the making of inventions, or employee benefits, the receipt and sufficiency of acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said bessors, assigns and legal representatives, the full and exclusive right, title and interest for a United States of America and all countries foreign thereto, and throughout the world and angent to apply for Letters Patent in foreign countries in its own name and to claim any such foreign applications to which such applications are		

Active 32801806.1

entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-in-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 and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-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 Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

WARNING

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LEGAL NAME OF INVENTOR

Inventor: Jeetendra H. Jain

Signature:

Date: 04 24 17

Active 32801806.1

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

Invention		
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 fine or imprisonment of not more than five (5) years, or both.		
ASSIGNMENT	-	
WHEREAS, I, Eric W. Doyle ("Assignor"), a citizen of United States (Country), residing in Smithton, Illinois (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. 16/865,829 , filed, 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 salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I 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 foreign 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 applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-in-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 and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-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 Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

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LEGAL NAME OF INVENTOR

Inventor: Eric W. Doyle

Signature: Cie W. Dayle

Date: 5/1/2017

Active 32801673.1

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

Title of Invention	Information Security Using Velocity Attack Detection			
As the below name	As the below named inventor, I hereby declare that:			
This declaration is				
directed to:	☑ The attached application, or			
	☐ United States application or PCT international application number			
The above-identific	ed 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.			
	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. prisonment of not more than five (5) years, or both.			
	ASSIGNMENT			
North Carolina (the above application of this assignme	kash Damani ("Assignor"), a citizen of United States (Country), residing in Harrisburg , (City, State/Province) have invented the above invention. If the following lines are blank, ation was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal nt, I an assignor below, hereby authorize the attorneys for Bank of America to insert the plication number below after they become known and prior to filing the recordation.			
U.S. Application	No. 16/865,829 , filed 05/04/2020			
the State of Delav	KOF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of vare, and having its offices and place of business at Charlotte, North Carolina, is desirous of re right, title and interest in and to the aforesaid inventions and in and to all applications and erefor granted in the United States of America, and in any and all countries foreign thereto:			
including salary or which is hereby a Assignee, its succ the territory of the in space, {including	RE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, repayment for the making of inventions, or employee benefits, the receipt and sufficiency of acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said cessors, assigns and legal representatives, the full and exclusive right, title and interest for a United States of America and all countries foreign thereto, and throughout the world and any the right to apply for Letters Patent in foreign countries in its own name and to claim any such foreign applications to which such applications are			

Active 32801610.1

entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-in-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 and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-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 Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

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	LEGAL NAME OF INVENTOR	, , , , , , , , , , , , , , , , , , ,	
Inventor: Vikash Damani		Date:	4/27/2017
Signature: UJa Zan			

Active 32801610.1

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

Title of Invention	Information Security Using Velocity Attack Detection
Asthe below named inventor, I hereby declare that:	
This declaration is	
directed to:	☑ The attached application, or
	☐ United States application or PCT international application number filed on
The above-identi	ied 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.	
	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. prisonment of not more than five (5) years, or both.
	ASSIGNMENT
Telangana (City above application this assignment	chinmay S. Barhale ("Assignor"), a citizen of India (Country), residing in Hyderabad, y, State/Province) have invented the above invention. If the following lines are blank, the on was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of t, I an assignor below, hereby authorize the attorneys for Bank of America to insert the filing attorneys below after they become known and prior to filing the recordation.
U.S. Application	No. 16/865,829 , filed05/04/2020_
the State of Dela acquiring the entert Patent to Letters Patent to NOW, THEREFOR including salary of which is hereby Assignee, its such the territory of the in space, {including the patent i	NK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of ware, and having its offices and place of business at Charlotte, North Carolina, is desirous of tire right, title and interest in and to the aforesaid inventions and in and to all applications and interefor granted in the United States of America, and in any and all countries foreign thereto: ORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, or payment for the making of inventions, or employee benefits, the receipt and sufficiency of acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said accessors, assigns and legal representatives, the full and exclusive right, title and interest for the United States of America and all countries foreign thereto, and throughout the world and ing the right to apply for Letters Patent in foreign countries in its own name and to claim any such foreign applications to which such applications are
priority rights for	such foreign applications to which such applications are
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entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-in-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 and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-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 Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

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 PT0-2038 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 PT0-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Chinmay S. Barhale

Signature:

Date: 2) April 201)

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