07/07/2017 504446214

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4492915

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ELIZABETH S. VOTAW	07/05/2017
DAVID J. SMIDDY	07/06/2017
FNU SIDHARTH	07/05/2017
STEPHEN T. SHANNON	07/04/2017
JAMES ALEXANDER	07/05/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15643533

CORRESPONDENCE DATA

Fax Number: (845)362-6111

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: 845 362 6100

Email: jweiss@weissarons.com **Correspondent Name: WEISS & ARONS LLP** 1540 ROUTE 202 Address Line 1:

Address Line 2: SUITE 8

Address Line 4: POMONA, NEW YORK 10970

ATTORNEY DOCKET NUMBER:	104-394
NAME OF SUBMITTER:	ARIELA R. YEVICK
SIGNATURE:	/Ariela Yevick/
DATE SIGNED:	07/07/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

REEL: 042928 FRAME: 0474 504446214

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Total Attachments: 10 source=104-394_Assignments_and_Declarations_as_Filed#page1.tif source=104-394_Assignments_and_Declarations_as_Filed#page2.tif source=104-394_Assignments_and_Declarations_as_Filed#page3.tif source=104-394_Assignments_and_Declarations_as_Filed#page4.tif source=104-394_Assignments_and_Declarations_as_Filed#page5.tif source=104-394_Assignments_and_Declarations_as_Filed#page6.tif source=104-394_Assignments_and_Declarations_as_Filed#page7.tif source=104-394_Assignments_and_Declarations_as_Filed#page8.tif source=104-394_Assignments_and_Declarations_as_Filed#page9.tif source=104-394_Assignments_and_Declarations_as_Filed#page9.tif

PATENT REEL: 042928 FRAME: 0475

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		DYNAMIC DIGITAL CONSENT
As the below	named inv	entor, I hereby declare that:
This declaration is directed to:	∀	The attached application, or
		United States application or PCT international application number
The above-ide	entified ap	plication was made or authorized to be made by me.
I believe that	I 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.
ASSIGNMENT		

WHEREAS, I, Elizabeth S. Votaw ("Assignor"), a citizen of United States, residing in Potomac, Maryland, 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. 15/643, 533 filed 07/07/2017

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, continuationin-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 nonprovisional, 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 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.

Inventor: Elixabeth 3. Votaw Date: 7/5/2017
Signature 4444444

PATENT

REEL: 042928 FRAME: 0477

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	DYNAMIC DIGITAL CONSENT			
As the below nar	ned inve	entor, I hereby declare that:		
This declaration is directed to:	\square	The attached application, or		
		United States application or PCT international application number		
The above-identi	fied app	lication was made or authorized to be made by me.		
I believe that I an	n the or	iginal inventor or an original joint inventor of a claimed invention in the application.		
		at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or re than five (5) years, or both.		
	***************************************	ASSIGNMENT		
the above invent comply with 37 C	on. If ti .F.R. §3.	iddy ("Assignor"), a citizen of United States, residing in Chadds Ford, Pennsylvania, have invented the following lines are blank, the above application was filed on even date herewith, otherwise, to 21 for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of the grant application number below after they become known and prior to filing the recordation.		
		U.S. Application No. 15/643, 533 filed 07/07/2017		
Delaware, and ha title and interest	ving its in and t	RICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, o the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the , and in any and all countries foreign thereto:		
payment for the isaid Assignor, by representatives, to countries foreign countries in its oventitled under int Letters Patent grain-parts and exterconfidential infor request the Comminventions or resultations or resultations in the comminees, any and provisional, divisiproceedings, sign	making of these pithe full a thereto vn name ernation ented the mation, missione alting the ent and vo onsidera d all fac onal, rei	HOM 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, I resents do sell, assign and transfer unto said Assignee, its successors, assigns and legal and exclusive right, title and interest for the territory of the United States of America and all and throughout the world and in space, (including the right to apply for Letters Patent in foreign and to claim any priority rights for such foreign applications to which such applications are nal conventions, treaties, or otherwise), in and to said inventions and in and to all applications and erefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-nereof, 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 er of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said erefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will extend that I have full right to agree to, execute, and deliver this assignment. I agree that I will extend to make, reexamination, continuation and continuation-in-part applications, testify in any legal for said inventions whenever requested, and that I will execute all non-issue, reexamination, continuation and continuation-in-part applications, testify in any legal for said Assignee, its 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 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.

purposes are not retained in the application file and therefore a	re not publicly available.
LEGAL NAME OF INVENTOR	
Inventor: <u>David J. Smiddy</u>	Date:07/06/2017
Signature: 1 David Smiddy 1	

Attorney Docket No.: 104-394

IDF7844

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

As the below named inventor, I hereby declare that:
This declaration The attached application, or 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 o imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, I, Fnu Sidharth ("Assignor"), a citizen of India, residing in Charlotte, North Carolina, 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. 15/643,533 , filed 07/07/2017

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, continuationin-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 nonprovisional, 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	note are not publicly available.
Inventor: Fnu Sidharth	Date: 07/05/2017
Signature:	

Attorney Docket No.: 104-394

IDF7844

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	DYNAMIC DIGITAL CONSENT
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The above-ide	ntified application was made or authorized to be made by me.
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	ASSIGNMENT
invented the a otherwise, to	og v
	U.S. Application No. 15/643, 533 , filed 07/07/2017
MUEDEAC DA	NEW OF AMERICA CORRODATION (FACILITIES IN) 2 CONTINUES AND A STATE

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purposes are not retained in the application me and therefore	re are not publi	сту амалавте.	~~~
LEGAL NAME OF INVENTOR			
Inventor: Stephen T. Shannon Signature: / January January	Date:	7/4/17	

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	DYNAMIC DIGITAL CONSENT	
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-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,		
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	ASSIGNMENT	
above invention comply with 3	mes Alexander ("Assignor"), a citizen of United States, residing in Oripping Springs, Texas, have invented the n. If the following lines are blank, the above application was filed on even date herewith, otherwise, to 7 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of ert the filing date and application number below after they become known and prior to filing the recordation.	
U.S. Application No. 15/643,533 , filed 07/07/2017 .		
Delaware, and title and intere	IK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, st 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 the said Assignor, I representative countries foreit countries in its entitled under Letters Patent in-parts and exconfidential intrequest the Coinventions or minterest. I representation of the cominees, any provisional, div proceedings, si	ORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or e 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 is, the full and exclusive right, title and interest for the territory of the United States of America and all gen thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign own 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, continuation-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 mmissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said esulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and esent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will reconsideration, 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 non-isional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal gn all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its igns, 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 Alexander	
Signature: / James Alexander	1

RECORDED: 07/07/2017