#### 505736699 10/23/2019

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5783513

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARIA CAROLINA BARRAZA ENCISO	10/21/2019
ELENA KVOCHKO	10/21/2019

### **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:	16661142

### 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: cziskind@weissarons.com **WEISS & ARONS LLP Correspondent Name:** Address Line 1: 63 SOUTH MAIN STREET

Address Line 4: SPRING VALLEY, NEW YORK 10977

ATTORNEY DOCKET NUMBER: 104-537	
NAME OF SUBMITTER: JOEL WEISS	
SIGNATURE:	/Joel Weiss/
<b>DATE SIGNED:</b> 10/23/2019	
This document serves as an Oath/Declaration (37 CFR 1.63).	

#### **Total Attachments: 4**

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**PATENT** REEL: 050801 FRAME: 0108 505736699

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PATENT REEL: 050801 FRAME: 0109

# 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	BLOCKCHAIN SYSTEM FOR HARDENING QUANTUM COMPUTING SECURITY
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.
I hereby ackno imprisonment	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.
The Personal Consideration St.	ASSIGNMENT
tollowing lines for recordal of date and appli WHEREAS, BAI Delaware, and title and intere United States of	Aaria Carolina Barraza Enciso("Assignor"), residing in New York, NY, have invented the above invention. If the are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing cation number below after they become known and prior to filing the recordation.  U.S. Application No. 1/66/1, 1/12 filed 1/23/20/4  NK 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, est in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the off 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 assignse 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	

#### 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 are n	ot publiciy avallable.
LEGAL NAME OF INVENTOR	
Inventor: Maria Carolina Barraza Enciso	Date: OC121, 2019
Signature:	

## 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	BLOCKCHAIN SYSTEM FOR HARDENING QUANTUM COMPUTING SECURITY	
As the below	named inventor, I hereby declare that:	*****
This declaration is directed to:	W t the aliached application or	
	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 I	I am the original Inventor or an original joint inventor of a claimed invention in the application.	
I hereby ackno imprisonment	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or t of not more than five (5) years, or both.	•
	ASSIGNMENT	000
are blank, the this assignmen	Elena Kvochko ("Assignor"), residing in New York, NY, have invented the above invention. If the following line above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of nt, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and umber below after they become known and prior to filing the recordation.	)S
	U.S. Application No. 14/661, 142 filed 10/23/2019	
Delaware, and title and intere	NK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of the America that it 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 the said Assignor, I representative countries foreign countries in its entitled under Letters Patent in-parts and exconfidential infrequest the Control of the countries of reign and the countries, any provisional, divorceedings, significant in the countries of the c	ORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or he 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 as, the full and exclusive right, title and interest for the territory of the United States of America and all light thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign so 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, continuations, 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 primitissioner 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 essent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will be 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 non-visional, 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	

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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 NAN	ME OF INVENTOR	
Inventor:_	Elena Kvochko	Date: 10/11/w19
Signature:	An	

[Page 2 of 2]

**RECORDED: 10/23/2019**