PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JERONIMO IRAZABAL	04/27/2018
ANDRES GARAGIOLA	04/27/2018
DIEGO A. MASINI	04/27/2018
DULCE B. PONCELEON	04/27/2018

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION
Street Address:	NEW ORCHARD ROAD
City:	ARMONK
State/Country:	NEW YORK
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15987126

CORRESPONDENCE DATA

Fax Number: (866)415-0983

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: 972-849-1310

Email: mzarinelli@proactivepatents.com
Correspondent Name: PROACTIVE PATENTS LLC
Address Line 1: 955 GARDEN PARK DRIVE

Address Line 2: STE 230

Address Line 4: ALLEN, TEXAS 75013

ATTORNEY DOCKET NUMBER:	P201703565US01
NAME OF SUBMITTER:	RAFFI GOSTANIAN
SIGNATURE:	/Raffi Gostanian/
DATE SIGNED:	05/23/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

PATENT REEL: 045882 FRAME: 0049

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IBM Docket No.: P201703565US01

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

AUTOCOMMIT TRANSACTION MANAGEMENT IN A BLOCKCHAIN NETWORK

As	a below	named	and u	ndersign	ed inve	entor, I	hereby	decla	ire tha	it:					
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1 m	s deciar	ation is	arrecu	ea to the	auacn	ea app	lication,	or (1	т топо	wing	DOX 1S	cneck	ea):		

[X] United States application or PCT international application number 15987126 filed on May 23, 2018 .

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 have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

Whereas, International Business Machines Corporation (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

A

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

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.

(1) Legal Name of Inve	entor: Jeronimo Irazabal			
Signature:		*	Date: 04	127/18
				i sa
(2) Legal Name of Inve	entor: Andres Garagiola			
Signature			Date:	
(3) Legal Name of Inve	entor: Diego A. Masini			
Signature:			Date:	
(A) I amil Manne môteum	andon Pratos Propinsion .			
(4) Legal Name of invi	entor: Duke B. Ponceleon			
			7	
Signature:			Date:	
				~

Charles action whether that any willful balac statement made in this declaration is provide the mater 18 to 5.

1901 by time or intersection of not more than five (5) years, or both.

(1) Long Counces Investor Jeronino Irazabal	
Synature	
(2) Legal Name of Inventor, Andres Garaginia	
Superior Contract of the Contr	Date:
(3) Legal Same of Inventor Diego A. Masini	
Signature	Des
Als Legal Surgery Inventor Dules & Ponceleon	
Samuel Control of the	BRC

BALDING NO. 1217 DOI: 1017

Each confedge my prior and engoing obligations to self, using, and transfer my rights under this Assignment to the ASIGNEE and are unaware of any reason why I may not have the full and unconcumbered right to self, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict here with. I also needly grant the ASSIGNEE, as successors, legal representatives, and assigns the right to insert in this Assignment any further identification functualing, but not branch to patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resorted in a New York state court or Ederal court stead in New York.

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(1) Legal Name of Inventor. Jeronimo Irazabai	
Signature	Date:
(2) Logal Name of Inventor: Andres Garagiola	
Signature	Date
(3) Legal Name of Inventor: Diego A. Masini	
Signature	Date: 4 7 7 7 6
(4) Legal Name of Inventor Dulce B. Ponceicon	
Signiture	Date

IBM Docket No.: P201703565US01

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(1) Legal Name of Inventor: Jeronimo Irazabal	
Signature:	Date:
(2) Legal Name of Inventor: Andres Garagiola	
Signature	Date:
(3) Legal Name of Inventor: Diego A. Masini	
Signature:	Date:
(4) Legal Name of Inventor: Dulce B. Ponceleon Signature:	

PATENT REEL: 045882 FRAME: 0055

RECORDED: 05/23/2018