504019683 09/23/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4066340

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KONSTANTINOS CHRISTIDIS	08/13/2016
ANNA D. DERBAKOVA	08/18/2016
NITIN GAUR	08/12/2016
PRAVEEN JAYACHANDRAN	08/17/2016
SRINIVASAN MURALIDHARAN	09/22/2016

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:	15274296

CORRESPONDENCE DATA

Fax Number: (516)742-4366

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: 516-742-4334

Email: fkoliopoulos@ssmp.com

SCULLY, SCOTT, MURPHY & PRESSER, P.C. **Correspondent Name:**

400 GARDEN CITY PLAZA Address Line 1:

SUITE 300 Address Line 2:

Address Line 4: GARDEN CITY, NEW YORK 11530

ATTORNEY DOCKET NUMBER:	POU920160144US1(33626)
NAME OF SUBMITTER:	STEVEN FISCHMAN
SIGNATURE:	/Steven Fischman/
DATE SIGNED:	09/23/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 039844 FRAME: 0987 504019683

Total Attachments: 10 source=POU920160144US1_Dec_Assign#page1.tif source=POU920160144US1_Dec_Assign#page2.tif source=POU920160144US1_Dec_Assign#page3.tif source=POU920160144US1_Dec_Assign#page4.tif source=POU920160144US1_Dec_Assign#page5.tif source=POU920160144US1_Dec_Assign#page6.tif source=POU920160144US1_Dec_Assign#page7.tif source=POU920160144US1_Dec_Assign#page8.tif source=POU920160144US1_Dec_Assign#page9.tif source=POU920160144US1_Dec_Assign#page9.tif source=POU920160144US1_Dec_Assign#page10.tif

PATENT REEL: 039844 FRAME: 0988

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

Title of Invention: USING LEDGER SENSORS TO ENABLE CONTEXTUAL CONTRACTS ACROSS VARIOUS ENTERPRISE BLOCKCHAIN APPLICATIONS

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 C.F.R. § 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.

Page 1 of 2

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.

Signature: Date: B_\(\frac{13}{9016}\) (2) Legal Name of Inventor: Dmitriyevna Derbakova Signature: Date: (3) Legal Name of Inventor: Nitin Gaur Signature: Date:	(1) Legar (Vaine	or inventor.	Stantino	3 CHI ISCOLIS			
Signature:	Signature:	M				_ Date: <u>8</u>	113/2016
Signature:	(2) Local Name	of Inventor T	√ Amitoixavna	. Dorhokovo			
(3) Legal Name of Inventor: Nitin Gaur Signature:	(2) Legai Name	OI HIVEHOI. L	PHINTI IYEVIIS	Deibakova		*	
(3) Legal Name of Inventor: Nitin Gaur Signature: Date:	Signature:					Date:	
Signature: Date:							
(4) Legal Name of Inventor: Praveen Jayachandran Signature: Date:	(3) Legal Name	of Inventor: N	litin Gaur		HOALT SANTANA BUNGANA		
(4) Legal Name of Inventor: Praveen Jayachandran Signature: Date:	Sionature:					Date:	
Signature: Date:							
	(4) Legal Name	of Inventor: I	Praveen Jay	achandran			
전에 한 발생하는 것이 되었다. 이번 이번 전환하는 것이 아들은 전혀 보고 있는 것이 없는데 되었다. 	Cionature					Date:	
(5) Legal Name of Inventor: Srinivasan Muralidharan							
보다. 그렇는 물 바람들이 많은 사람들은 경기를 가는 것이 되었다면 하는 것이 되었다면 하는 것이 없는 것이 되었다는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없는 것이다.	(5) Legal Name	of Inventor: S	irinivasan l	Muralidharan			
Signature: Date:						Date	

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

Title of Invention: USING LEDGER SENSORS TO ENABLE CONTEXTUAL CONTRACTS ACROSS VARIOUS ENTERPRISE BLOCKCHAIN APPLICATIONS

As a below named and undersigned inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):
[] 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 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 C.F.R. § 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

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whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

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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 Inventor: Konstantinos Christidis	
Signature:	Date:
(2) Legal Name of Inventor: Anna D. Derbakova	
Signature: Lecture: (3) Legal Name of Inventor: Nitin Gaur	Date: <u>08 / 18 / 20 / 6</u>
Signature:	Date:
(4) Legal Name of Inventor: Praveen Jayachandran	
Signature:	Date:
(5) Legal Name of Inventor: Srinivasan Muralidharan	
Signature:	Data

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Signature: T. Premi	Date: AUG 17 th , 2016.
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Signature:	Date:

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Signature:	Date: 09)22/20/6
	,

Page 2 of 2