504673582 12/06/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FRANCISCO P. CURBERA	03/21/2017
SHILPA N. MAHATMA	02/15/2017
YAJUAN WANG	02/16/2017
ROSE M. WILLIAMS	02/16/2017
GIGI Y.C. YUEN-REED	02/15/2017

RECEIVING PARTY DATA

Name:	lame: 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:	15833044

CORRESPONDENCE DATA

Fax Number: (972)733-1575

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.

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ATTORNEY DOCKET NUMBER:	SVL920160237US02	
NAME OF SUBMITTER:	STEPHEN J. WALDER, JR.	
SIGNATURE:	/Stephen J. Walder, Jr./	
DATE SIGNED:	12/06/2017	
This document serves as an Oath/Declaration (37 CFR 1.63).		

PATENT 504673582 REEL: 044313 FRAME: 0149

Total Attachments: 10 source=SVL920160237US1 Assignment-Declaration#page1.tif source=SVL920160237US1 Assignment-Declaration#page2.tif source=SVL920160237US1 Assignment-Declaration#page3.tif source=SVL920160237US1 Assignment-Declaration#page4.tif source=SVL920160237US1 Assignment-Declaration#page5.tif source=SVL920160237US1 Assignment-Declaration#page6.tif source=SVL920160237US1 Assignment-Declaration#page7.tif source=SVL920160237US1 Assignment-Declaration#page8.tif source=SVL920160237US1 Assignment-Declaration#page9.tif source=SVL920160237US1 Assignment-Declaration#page9.tif source=SVL920160237US1 Assignment-Declaration#page10.tif

PATENT REEL: 044313 FRAME: 0150

Title of Invention: SCALABLE AND TRACEABLE HEALTHCARE ANALYTICS MANAGEMENT

As a below named 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

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.

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Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the 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, each undersigned inventor hereby authorizes and requests 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 IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, 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 the undersigned had this Assignment not been made; and each undersigned inventor agrees 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 IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

IBM DOCKET NUMBER: SVL920160237US1

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants IBM, 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 Inventor: Francisco P. Curbera	
	Signature: The first from the signature of the signature	Date: 3/21/ 2013
(2)	Legal Name of Inventor: Shilpa N. Mahatma	
	Signature:	_Date:
(3)	Legal Name of Inventor: Yajuan Wang	
	Signature:	Date:
(4)	Legal Name of Inventor: Rose M. Williams	
	Signature:	Date:
〔 (5)	Legal Name of Inventor: Gigi Y.C. Yuen-Reed	
	Signature:	Date:

IIF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS]

Title of Invention: SCALABLE AND TRACEABLE HEALTHCARE ANALYTICS
MANAGEMENT

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(1) Legal Name of Inventor: Francisco P. Curb	era
Signature:	Date:
(2) Legal Name of Inventor: Shilpa N. Mahatm Signature:	\ 1
(3) Legal Name of Inventor: Yajuan Wang	
Signature:	Date:
(4) Legal Name of Inventor: Rose M. Williams	
Signature:	Date:
(5) Legal Name of Inventor: Gigi Y.C. Yuen-Re	eed
Signature:	Date:

[IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS]

Title of Invention: SCALABLE AND TRACEABLE HEALTHCARE ANALYTICS
MANAGEMENT

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(1) Legal Name of Inventor: Francisco P. Curber	ra
Signature:	Date:
(2) Legal Name of Inventor: Shilpa N. Mahatma	
Signature:	Date:
(3) Legal Name of Inventor: Yajuan Wang Signature:	Date: Feb. 16, 2017
(4) Legal Name of Inventor: Rose M. Williams	
Signature:	Date:
(5) Legal Name of Inventor: Gigi Y.C. Yuen-Ree	d .
Signatura	Date

[IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS]

Title of Invention: SCALABLE AND TRACEABLE HEALTHCARE ANALYTICS MANAGEMENT

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	Signature:	Date;	
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	Signature:	Date:	
(4)	Legal Name of Inventor: Rose M. Williams		
	Signature: ASS MAD	Date: 2/16/1	
(5)	Legal Name of Inventor: Gigi Y.C. Yuen-Reed		
	Signature:	Date:	

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Page 2 of 2

Title of Invention: SCALABLE AND TRACEABLE HEALTHCARE ANALYTICS MANAGEMENT

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Signature:	Date: Feb 15, 20/

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Page 2 of 2