### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5706424

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SU LIU	09/03/2019
XINYA WANG	09/03/2019

#### **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:	16563455

#### **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	P201807162US01	
NAME OF SUBMITTER:	SABRINA ERNST	
SIGNATURE:	/Sabrina Ernst/	
DATE SIGNED:	09/06/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

#### **Total Attachments: 2**

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PATENT 505659619 REEL: 050297 FRAME: 0539

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

## DYNAMIC PRIVILEGE ALLOCATION BASED ON COGNITIVE MULTIPLE-FACTOR EVALUATION

As a below named inventor, I hereby declare that: This declaration is directed to the attached application, or (if following box is checked):	jost iš
[ ] United States application or PCT international application number	filed on
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 app	lication.
I have reviewed and understand the contents of the application, including the claims.	٠
I am aware of the duty to disclose to the United States Patent and Trademark Office all information be material to patentability as defined in 37 CFR Section 1.56.	
Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discover referred to as the "Invention") disclosed in the above-identified patent application and further identification based on the header of this document;	
Whereas, International Business Machines Corporation, a corporation of New York having a place of Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned inventor to IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all applications and patents directed thereto;	desires to grant
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 as otherwise transfers or has transferred to IBM (the "ASSIGNEE"), its successors, legal representative the entire worldwide right, title, and interest in and to the Invention, the above-identified United State application, and any and all other patent applications and patents for the Invention which may be applications, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensionall rights of priority resulting from the filing of such applications and granting of such patents. In adundersigned inventor hereby authorizes and requests the Director of the United States Patent and Trate issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for Invention, to IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and to the same to be held and enjoyed by IBM, its successors, legal representatives, and assigns to the terms for which any and all such patents may be granted, as fully and entirely as would have been enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agree any and all documents and instruments and perform all lawful acts reasonably related to recording the	ssigned, and es, and assigns, es patent elied for or ions, es thereof, and dition, each elemark Office or the and interest in the full end of in held and es to execute
or perfecting title to the Invention and all related patents and applications, in IBM, its successors, leg representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or ass Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transunder this Assignment to IBM and is unaware of any reason why they may not have the full and une to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, an execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby graceessors, legal representatives, and assigns, the right to insert in this Assignment any further identification, but not limited to, patent Application Number) which may be necessary or desirable for a this Assignment. This Assignment is governed by the substantive laws of the State of New York, an 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 15 by fine or imprisonment of not more than five (5) years, or both.	ral signs. sfer the rights neumbered right ad will not rants IBM, its fication recordation of d any disputes

(1) Legal Name of Inventor: SU LIU

gnature: 20084 Date: 09/03/2018

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

## DYNAMIC PRIVILEGE ALLOCATION BASED ON COGNITIVE MULTIPLE-FACTOR EVALUATION

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 numberfiled on
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, the undersigned inventor(s) has/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, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned inventor desires to grant
to IBM, the 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, 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.
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

(2) Legal Name of Inventor: XINYA WANG

by fine or imprisonment of not more than five (5) years, or both.

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