PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4735240

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUAN JUN LIU	03/02/2017
NIAO QING LIU	03/02/2017
AI LIAN MI	03/04/2017
JING JING WEN	03/03/2017
BEI CHUN ZHOU	03/03/2017

RECEIVING PARTY DATA

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Street Address:	NEW ORCHARD ROAD
City:	ARMONK
State/Country:	NEW YORK
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15842158

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	CN920170022US03
NAME OF SUBMITTER:	JENNIFER C MADDOCK
SIGNATURE:	/Jennifer C. Maddock/
DATE SIGNED:	12/14/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4
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source=CN920170022US1_FiledAssignDec#page4.tif

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: PROBLEM DIAGNOSIS TECHNIQUE OF MEMORY CORRUPTION BASED ON REGULAR EXPRESSION GENERATED DURING APPLICATION COMPILING

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 _____
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 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 therefore 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.

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 Inventor: Guan Jun Liu

Signature: _Guan Jun Liu_ Date: _2017. 3. 2_

(2) Legal Name of Inventor: Niao Qing Liu

Signature: _Niao Qing Liu_ Date: _2017 3.2_

(3) Legal Name of Inventor: AiLian Mi

Signature: _____ Date: _____

(4) Legal Name of Inventor: Jing Jing Wen

Signature: _Jing Jing Wen_ Date: _2017. 3. 3_

(5) Legal Name of Inventor: Bei Chun Zhou

Signature: _Bei Chun Zhou_ Date: _2017.3.3_

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[ ] United States application or PCT international application number _____ filed on _____

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Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries therein 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 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 therefore in the United States and in all foreign countries, and any division, continuation, continuation-in-part, reissue, reexamination, renewal, extension, substitute, substitution, and addition thereof, and all rights of priority resulting from the filing of said applications and patents, and in and to said patent applications, 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 to and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the term for which said patent 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 declarations and instruments as may be reasonably related to securing this assignment of the invention and any related patents and applications to the ASSIGNEE, its successors, legal representatives, and assigns, when requested by the ASSIGNEE, its successors, legal representatives, or assigns.

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 Inventor: Guan Jun Liu

Signature: _____ Date: _____

(2) Legal Name of Inventor: Miao Qing Liu

Signature: _____ Date: _____

Ai Lian ALM

(3) Legal Name of Inventor: _____ Mi

Signature: _Ai Lian Mi_____ Date: _2017 1 6_

(4) Legal Name of Inventor: Jing Jing Wei

Signature: _____ Date: _____

(5) Legal Name of Inventor: Bei Chun Zhou

Signature: _____ Date: _____

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