PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES D. SPYKER	09/09/2015
VICTOR L. SZABO	09/09/2015
YONGFENG YAO	09/08/2015

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14865559

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ATTORNEY DOCKET NUMBER: CA920150062US1	
NAME OF SUBMITTER:	TEDDI E. MARANZANO
SIGNATURE: /Teddi E. Maranzano/	
DATE SIGNED: 09/25/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 036658 FRAME: 0163

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

Tric of Invention: REPLICATING STRUCTURED QUERY LANGUAGE (SQL) IN A HUTEROGENEOUS REPLICATION ENVIRONMENT

As a New Yoursell and understanced in ventor, 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.
f believe that I am the original inventor or an original joint inventor of a clasmed invention in the application.
have reviewed and understand the contents of the application, including the claims
am aware of the duty to disclose to the United States Patent and Trademark Office all information nown 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 as the "Invention") disclosed in the above-identified patent application and further identified by the 3M 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 mand to any and all patent applications and patents directed thereto:

ij

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged. It hereby self 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 paseus. 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 ASSIGNEL, its successors, legal representatives, and assums, my entire worldwide right, fule, and interest in and to the same to be held and enjoyed by the ASSIGNUE, its second restrictions are also as a second of the fact of the terms for which are undefined The first terminal and the second of the sec A SECOND CONTROL OF A LANGE OF SECURE OF SOCIAL DOCUMENTS AND INSTRUMENTS AND PORTOR AND hwolacts reasonably related to recording this Assignment or perfecting title to the Inventors and all

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PATENT REEL: 036658 FRAME: 0164

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related parents and applications in the ASSE/NEE and accomplication representatives and assigns. A horizon requested by the ASSE/NEE and accomplication of a presentation of accomplication.

Lack to skelled my prior and outgoing orthogeness is self, assign, and transfer my rights under this Assignment to the ASSIGNEE and am uncovare of any transfer my high Lack not have the full and one of other clinds to self, assign, and transfer my rights bereby sold, assigned, and transferred, and base to solved, and will not execute, any document or instrument in conflict berewith. Talso bereby grantific ASSIGNEE, its successors, logal representatives, and assigns, the right to insert in this Assignment as a SIGNEE its successors, logal representatives, and assigns, the right to insert in this Assignment as a SIGNEE its successors logal representatives. This Assignment is governed by the second of desirable for recordation of this Assignment. This Assignment is governed by the SIGNEE its of New York, and any disputes will be resolved in a New York states out or to desirable in New York.

Thereby acknowledge that any writter raise statement made in this declaration is panishable under 18 ft S.C. 1991 by the or unprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: James D. Spykes	
Signature D. Sp. A.	Dire <u>S₄A 1120.5</u>
(2) Legal Name of Inventor: Victor L. Szabo	
Surreure Victoria	Date: 544 7/15
3) Legal Name of Inventor, Yougleng Yao	
	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: REPLICATING STRUCTURED QUERY LANGUAGE (SQL) IN A HETEROGENEOUS REPLICATION ENVIRONMENT

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.	
believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
have reviewed and understand the contents of the application, including the claims.	
f am aware of the duty to disclose to the United States Patent and Trademark Office all information crown 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

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IBM DOCKET NUMBER: CA920150062US1

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 bereby 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: James D. Spyker

(1)		
Sign	nature:	Date:
(2) Leg	gal Name of Inventor: Victor L. Szabo	
Sign	nature;	Date:
(3) Leg	gal Name of Inventor: Yongfeng Yao	
Ç.;	Jao Vingter	Sep. 844, 2015

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