

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wen Hao AN</td> <td>03/21/2013</td> </tr> <tr> <td>Li Ya FAN</td> <td>03/21/2013</td> </tr> <tr> <td>Bo GAO</td> <td>03/21/2013</td> </tr> <tr> <td>Chang Jie GUO</td> <td>03/21/2013</td> </tr> <tr> <td>Berthold REINWALD</td> <td>02/04/2013</td> </tr> <tr> <td>Wei SUN</td> <td>03/21/2013</td> </tr> <tr> <td>Ning WANG</td> <td>03/21/2013</td> </tr> <tr> <td>Zhi Hu WANG</td> <td>03/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	Wen Hao AN	03/21/2013	Li Ya FAN	03/21/2013	Bo GAO	03/21/2013	Chang Jie GUO	03/21/2013	Berthold REINWALD	02/04/2013	Wei SUN	03/21/2013	Ning WANG	03/21/2013	Zhi Hu WANG	03/21/2013
Name	Execution Date																		
Wen Hao AN	03/21/2013																		
Li Ya FAN	03/21/2013																		
Bo GAO	03/21/2013																		
Chang Jie GUO	03/21/2013																		
Berthold REINWALD	02/04/2013																		
Wei SUN	03/21/2013																		
Ning WANG	03/21/2013																		
Zhi Hu WANG	03/21/2013																		
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																			
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13685141</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13685141														
Property Type	Number																		
Application Number:	13685141																		
CORRESPONDENCE DATA																			
Fax Number:	5619899812																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone:	561-989-9811																		
Email:	ptoboca@fggbb.com																		
Correspondent Name:	FLEIT GIBBONS GUTMAN BONGINI & BIANCO P.																		
Address Line 1:	551 NW 77TH STREET, SUITE 111																		
Address Line 4:	BOCA RATON, FLORIDA 33487																		
ATTORNEY DOCKET NUMBER:	CN920110105US1																		

CH \$40.00 13685141

NAME OF SUBMITTER:	JON A. GIBBONS
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p>Total Attachments: 7 source=CN920110105US1_DecAssign_3-21-13#page1.tif source=CN920110105US1_DecAssign_3-21-13#page2.tif source=CN920110105US1_DecAssign_3-21-13#page3.tif source=CN920110105US1_DecAssign_3-21-13#page4.tif source=CN920110105US1_DecAssign_3-21-13#page5.tif source=CN920110105US1_DecAssign_3-21-13#page6.tif source=CN920110105US1_DecAssign_3-21-13#page7.tif</p>	

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: **CONTROLLING THE USE OF COMPUTING RESOURCES IN A DATABASE AS A SERVICE**

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 13/685,141 filed on November 26, 2012.

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

(1) Legal Name of Inventor: **Wen Hao AN**

Signature: Wen Hao AN
Date: 2013-3-21

(2) Legal Name of Inventor: **Li Ya FAN**

Signature: Li Ya Fan
Date: 2013-03-21

(3) Legal Name of Inventor: **Bo GAO**

Signature: Bo Gao
Date: 2013-03-21

(4) Legal Name of Inventor: **Chang Jie GUO**

Signature: Changjie Guo
Date: 2013-3-21

(5) Legal Name of Inventor: **Berthold REINWALD**

Signature: _____
Date: _____

(6) Legal Name of Inventor: **Wei SUN**

Signature: Wei Sun
Date: 2013-3-21

(7) Legal Name of Inventor: **Ning WANG**

IBM DOCKET NUMBER: CN920110105US1

Signature: Ning Wang
Date: 2015-3-11

(8) Legal Name of Inventor: **Zhi Hu WANG**

Signature: Zhi Hu Wang
Date: 2013-3-21

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: **CONTROLLING THE USE OF COMPUTING RESOURCES IN A DATABASE AS A SERVICE**

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 13/685,141 filed on November 26, 2012.

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

(1) Legal Name of Inventor: **Wen Hao AN**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **Li Ya FAN**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Bo GAO**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Chang Jie GUO**

Signature: _____ Date: _____

(5) Legal Name of Inventor: **Berthold REINWALD**

Signature: B. Reinwald Date: Feb. 4th, 2013

(6) Legal Name of Inventor: **Wei SUN**

Signature: _____ Date: _____

(7) Legal Name of Inventor: **Ning WANG**

Signature: _____ Date: _____

(8) Legal Name of Inventor: **Zhi Hu WANG**

Signature: _____ Date: _____