

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2916481

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAHUL P. AKOLKAR	06/23/2014
THOMAS E. CHEFALAS	06/24/2014
YEXI JIANG	06/21/2014
JIM A. LAREDO	06/24/2014
CHANG-SHING PERNG	06/26/2014
ANCA SAILER	06/23/2014
FRANK A. SCHAFFA	06/24/2014
ALLA SEGAL	06/23/2014
IGNACIO SILVA-LEPE	06/23/2014
TAO TAO	06/24/2014
YANG ZHOU	06/24/2014
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:	14315370
CORRESPONDENCE DATA	
Fax Number:	(203)769-5706
<i>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.</i>	
Phone:	203 433 3157
Email:	docket@oeklaw.com
Correspondent Name:	OTTERSTEDT, ELLENBOGEN & KAMMER, LLP
Address Line 1:	P.O. BOX 381
Address Line 4:	COS COB, CONNECTICUT 06807-0381
ATTORNEY DOCKET NUMBER:	YOR920130333US1

PATENT

NAME OF SUBMITTER:	PAUL J. OTTERSTEDT
SIGNATURE:	/PAUL J. OTTERSTEDT/
DATE SIGNED:	06/26/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 24

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**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: **COMPLEX SERVICE NETWORK RANKING AND CLUSTERING**

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 14315370
filed on 26-JUN-2014

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.

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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.

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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: Rahul P. Akolkar

Signature:  Date: 23rd JUNE 2014

(2) Legal Name of Inventor: Thomas E. Chefalas

Signature: _____ Date: _____

(3) Legal Name of Inventor: Yexi Jiang

Signature: _____ Date: _____

(4) Legal Name of Inventor: Jim A. Laredo

Signature: _____ Date: _____

(5) Legal Name of Inventor: Chang-Shing Ferng

Signature: _____ Date: _____

(6) Legal Name of Inventor: Anca Sailer

Signature: _____ Date: _____

(7) Legal Name of Inventor: Frank A. Schaffa

Signature: _____ Date: _____

(8) Legal Name of Inventor: Alla Segal

Signature: _____ Date: _____

(9) Legal Name of Inventor: Ignacio Silva-Lepe

Signature: _____ Date: _____

(10) Legal Name of Inventor: Tao Tao

Signature: _____ Date: _____

(11) Legal Name of Inventor: Yang Zhou

Signature: _____ Date: _____

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(1) Legal Name of Inventor: **Rahul P. Akolkar**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **Thomas E. Chefalas**

Signature: Thomas E. Chefalas Date: June 24, 2014

(3) Legal Name of Inventor: **Yexi Jiang**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Jim A. Laredo**

Signature: Jim A. Laredo Jim A. Laredo Date: June 24, 2014

(5) Legal Name of Inventor: Chang-Shing Perng

Signature: _____ Date: _____

(6) Legal Name of Inventor: Anca Sailer

Signature: *Ana Sailer* Date: 6/23/14

(7) Legal Name of Inventor: Frank A. Schaffa

Signature: _____ Date: _____

(8) Legal Name of Inventor: Alla Segal

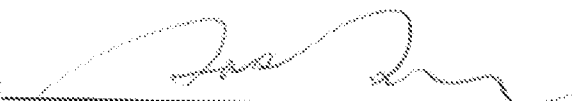
Signature: *Alla Segal* Date: 6/23/14

(9) Legal Name of Inventor: Ignacio Silva-Lepe

Signature: *I. Silva-Lepe* Date: 6/23/14

IBM DOCKET NUMBER: YOR920130333US1

(10) Legal Name of Inventor: Tao Tao

Signature:  Date: 06/24/2014

(11) Legal Name of Inventor: Yang Zhou

Signature: _____ Date: _____

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Signature: _____ Date: _____

(2) Legal Name of Inventor: **Thomas E. Chefalas**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Yexi Jiang**

Signature:  _____ Date: 06/29/2014

(4) Legal Name of Inventor: **Jim A. Laredo**

Signature: _____ Date: _____

(5) Legal Name of Inventor: **Chang-Shing Perng**

Signature: _____ Date: _____

(6) Legal Name of Inventor: **Anca Sailer**

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(9) Legal Name of Inventor: **Ignacio Silva-Lepe**

Signature: _____ Date: _____

(10) Legal Name of Inventor: **Tao Tao**

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Signature: CS Perng Date: 6/26/2014

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Signature: Frank A. Schaffa Date: 6/24/2014

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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;

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