

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4671510

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HANS-JURGEN EICKELMAN	09/03/2014
YING LIU	09/03/2014
THOMAS H. OSIECKI	09/04/2014
LUCAS CORREIA VILLA REAL	09/03/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTERNATIONAL BUSINESS MACHINES CORPORATION
<b>Street Address:</b>	NEW ORCHARD ROAD
<b>City:</b>	ARMONK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10504
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15801922
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	863-699-2523
<b>Email:</b>	mld@mindspring.com
<b>Correspondent Name:</b>	LAW OFFICE OF MARCIA L. DOUBET, P.L.
<b>Address Line 1:</b>	P.O. BOX 1087
<b>Address Line 4:</b>	LAKE PLACID, FLORIDA 33862
<b>ATTORNEY DOCKET NUMBER:</b>	AUS920140180US04
<b>NAME OF SUBMITTER:</b>	MARCIA L. DOUBET
<b>SIGNATURE:</b>	/Marcia L. Doubet/
<b>DATE SIGNED:</b>	11/02/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 10</b>	
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source=AUS920140180US04\_AssignmentDeclaration\_11-02-17#page2.tif  
source=AUS920140180US04\_AssignmentDeclaration\_11-02-17#page3.tif  
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source=AUS920140180US04\_AssignmentDeclaration\_11-02-17#page9.tif  
source=AUS920140180US04\_AssignmentDeclaration\_11-02-17#page10.tif

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

see attached

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) see attached

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: International Business Machines Corporation

Internal Address: \_\_\_\_\_

Street Address: New Orchard Road

City: Armonk

State: NY

Country: US

Zip: 10504

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☒ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

15/801,922

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Law Office of Marcia L. Doubet, P. L.

Internal Address: \_\_\_\_\_

Street Address: P. O. Box 1087

City: Lake Placid

State: FL

Zip: 33862

Phone Number: 863-699-2523

Docket Number: AUS920140180US04

Email Address: MLD@MINDSPRING.COM

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$0**

- ☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

/Marcia L. Doubet/  
Signature

November 2, 2017  
Date

Marcia L. Doubet  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 10

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## Recordation Form Cover Sheet

Conveying Parties

Execution Date

(1) Hans-Jurgen Lickelman

September 3, 2014

(2) Ying Liu

September 3, 2014

(3) Thomas H. Osiecki

September 4, 2014

(4) Lucas Correia Villa Real

September 3, 2014

**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: Aggregation and Analytics for Application-Specific Optimization Based  
on Multiple Data Sources**

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 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 I desire to grant to IBM, 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 ("ASSIGNOR") hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to IBM ("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 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, 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 IBM, its successors, legal representatives, and assigns, my 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 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 IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal

representatives, or assigns.

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to IBM 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 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: Hans-Jurgen Eickelman

Signature: Hans-J. Eickelman Date: 3.9.2014

(2) Legal Name of Inventor: Ying Liu

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(3) Legal Name of Inventor: Thomas H. Osiecki

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(4) Legal Name of Inventor: Lucas Correia Villa Real

Signature: \_\_\_\_\_ 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: Aggregation and Analytics for Application-Specific Optimization Based  
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business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and I desire to grant to  
IBM, 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 ("ASSIGNOR") hereby sell or have sold, assign or have assigned, and otherwise  
transfer or have transferred to IBM ("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 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, 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 IBM, its successors, legal representatives, and assigns, my 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 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  
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(1) Legal Name of Inventor: Hans-Jurgen Eickelman

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(2) Legal Name of Inventor: Ying Liu

Signature: Ying Liu Date: 09/03/2014

(3) Legal Name of Inventor: Thomas H. Osiecki

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(4) Legal Name of Inventor: Lucas Correia Villa Real

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



IBM DOCKET NUMBER: AUS920140180US1

**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: Aggregation and Analytics for Application-Specific Optimization Based  
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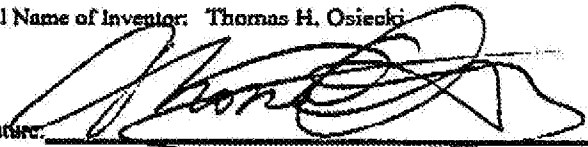
(1) Legal Name of Inventor: Hans-Jurgen Eickelman

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(2) Legal Name of Inventor: Ying Liu

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(3) Legal Name of Inventor: Thomas H. Osiecki

Signature:  Date: 9/4/2014

(4) Legal Name of Inventor: Lucas Correia Villa Real

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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(1) Legal Name of Inventor: Hans-Jurgen Eickelman

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(2) Legal Name of Inventor: Ying Liu

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(3) Legal Name of Inventor: Thomas H. Osiecki

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(4) Legal Name of Inventor: Lucas Correia Villa Real

Signature:  \_\_\_\_\_ Date: September 3<sup>rd</sup>, 2014