### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2811358

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the DATE OF INVENTOR BRIAN M. O'CONNELL'S SIGNATURE FROM "04/02/2014" TO "04/10/2014 previously recorded on Reel 032627 Frame 0474. Assignor(s) hereby confirms the DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT.

#### **CONVEYING PARTY DATA**

Name	Execution Date
AARON K. BAUGHMAN	04/02/2014
BRIAN M. O'CONNELL	04/10/2014
MICHAEL PERLITZ	04/06/2014
STEFAN A. G. VAN DER STOCKT	04/04/2014

#### **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:	14247599

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)848-2981

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Email:mfraley@rmsclaw.comCorrespondent Name:ANDREW M . CALDERON

**Address Line 1:** 7918 JONES BRANCH DRIVE, SUITE 500

Address Line 4: MCLEAN, VIRGINIA 22102

NAME OF SUBMITTER:	ANDREW M. CALDERON	
SIGNATURE:	/Andrew M. Calderon/	
DATE SIGNED:	04/11/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 9** 

PATENT REEL: 032662 FRAME: 0595

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PATENT REEL: 032662 FRAME: 0596

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2805056

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AARON K. BAUGHMAN	04/02/2014
BRIAN M. O'CONNELL	04/02/2014
MICHAEL PERLITZ	04/06/2014
STEFAN A. G. VAN DER STOCKT	04/04/2014

#### **RECEIVING PARTY DATA**

Name:	International Business Machines Corporation
Street Address:	New Orchard Road
City:	Armonk
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#### **PROPERTY NUMBERS Total: 1**

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Application Number:	14247599

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Email: mfraley@rmsclaw.com

Correspondent Name: ANDREW M . CALDERON

Address Line 1: 7918 JONES BRANCH DRIVE, SUITE 500

Address Line 4: MCLEAN, VIRGINIA 22102

NAME OF SUBMITTER:	ANDREW M. CALDERON
SIGNATURE:	/Andrew M. Calderon/
DATE SIGNED:	04/08/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 8**

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PATENT REEL: 032662 FRAME: 0597

# 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: HYPERPARAMETER AND NETWORK TOPOLOGY SELECTION IN NETWORK DEMAND FORECASTING

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.

Page 1 of 2

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: Aaron K. BAUGHMAN	
Signature: Cu M	Date: 07/02/14
(2) Legal Name of Inventor: Brian M. O'CONNELL	
Signature:	Date:
(3) Legal Name of Inventor: Michael PERLITZ	
Signature:	Date:
(4) Legal Name of Inventor: Stefan A. G. VAN DER STOCKT	
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: HYPERPARAMETER AND NETWORK TOPOLOGY SELECTION IN NETWORK DEMAND FORECASTING

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United States application or PCT international application number
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.

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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.

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(1) Legal Name of Inventor: Aaron K. BAUGHMAN	
Signature:	Date:
(2) Legal Name of Inventor: Brian M. O'CONNELL	
Signature: Bry m Cann	Date: 4/10/2010
(3) Legal Name of Inventor: Michael PERLITZ	
Signature:	Date:
(4) Legal Name of Inventor; Stefan A. G. VAN DER STOCKT	
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

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Page 1 of 2

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Legal Name of Inventor: Aaron K. BAUGHMAN

	Signature:	Figure-
(2)	Logal Name of Inventor: Etrian M. O'CONNELL	
	Signature:	Dete:
	Legal Name of Inventor: Michael PERLITZ Signature:	
	Logal Name of Inventor: Stefan A. G. VAN DER STOCKT	Date: <u>60/4-34-36</u>
	Signature:	Page:

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(1)	Legal Name of Inventor: Aaron K. BAUGHMAN	
	Signature:	Date:
(2)	Legal Name of Inventor: Brian M. O'CONNELL :	
	Signature:	_Date:
(3)	Legal Name of Inventor: Michael PERLITZ	
	Signature:	Date:
(4)	Legal Name of Inventor: Stefan A. G. VAN DER STOCKT	
	Signature: Synthold	Date: 2014 - 04 - 04

Page 2 of 2

PATENT REEL: 032662 FRAME: 0605

**RECORDED: 04/11/2014**