503711410 02/26/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3758051

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID D. CADIGAN	01/22/2016
WILLIAM V. HUOTT	01/22/2016
ADAM J. MCPADDEN	01/22/2016
ANUWAT SAETOW	01/25/2016
GARY A. TRESSLER	01/26/2016

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:	15054464

CORRESPONDENCE DATA

Fax Number: (512)306-1757

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.

Phone: 5123061200

Email: jennifer@boiceip.com, emily@boiceip.com

Correspondent Name: JAMES E. BOICE

Address Line 1: 3839 BEE CAVE ROAD

Address Line 2: SUITE 201

Address Line 4: WEST LAKE HILLS, TEXAS 78746

ATTORNEY DOCKET NUMBER:	ROC920150291US1
NAME OF SUBMITTER:	JAMES E. BOICE
SIGNATURE:	/James E. Boice/
DATE SIGNED:	02/26/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 503711410 REEL: 037838 FRAME: 0126

Total Attachments: 15 source=ROC920150291US1_FiledDecAssign_01-28-16#page1.tif source=ROC920150291US1 FiledDecAssign 01-28-16#page2.tif source=ROC920150291US1 FiledDecAssign 01-28-16#page3.tif source=ROC920150291US1_FiledDecAssign_01-28-16#page4.tif source=ROC920150291US1 FiledDecAssign 01-28-16#page5.tif source=ROC920150291US1 FiledDecAssign 01-28-16#page6.tif source=ROC920150291US1_FiledDecAssign_01-28-16#page7.tif source=ROC920150291US1_FiledDecAssign_01-28-16#page8.tif source=ROC920150291US1 FiledDecAssign 01-28-16#page9.tif source=ROC920150291US1 FiledDecAssign 01-28-16#page10.tif source=ROC920150291US1_FiledDecAssign_01-28-16#page11.tif source=ROC920150291US1_FiledDecAssign_01-28-16#page12.tif source=ROC920150291US1 FiledDecAssign 01-28-16#page13.tif source=ROC920150291US1 FiledDecAssign 01-28-16#page14.tif source=ROC920150291US1_FiledDecAssign_01-28-16#page15.tif

PATENT REEL: 037838 FRAME: 0127

Title of Invention: VOLTAGE RAIL MONITORING TO DETECT ELECTROMIGRATION

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):

[X] United States application or PCT international application number 15/008,802 filed on January 28, 2016

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 ("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 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 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 related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, 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.

Legal Name of Inventor: DAVID D. CADIGAN		
Signature:	Date:///	4
Legal Name of Inventor: WILLIAM V. HUOTT		
Signature:	Date:	•••
Legal Name of Inventor: ADAM J. MCPADDEN		
Signature:	Date:	
Legal Name of Inventor: ANUWAT SAETOW		
Signature:	Date:	
	Signature: Legal Name of Inventor: WILLIAM V. HUOTT Signature: Legal Name of Inventor: ADAM J. MCPADDEN Signature: Legal Name of Inventor: ANUWAT SAETOW	Signature:

(5) Legal Name of Inventor: GARY A. TRESSLER

(5) Legal Name of Inventor: GARY A. TRESSLER			
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: VOLTAGE RAIL MONITORING TO DETECT ELECTROMIGRATION

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(1)	Legal Name of Inventor: DAVID D. CADIGAN	
	Signature:	Date:
(2)	Legal Name of Inventor: WILLIAM V. HUOTT	
	Signature:	pate: <u> </u>
(3)	Legal Name of Inventor: ADAM J. MCPADDEN	
	Signature:	Date:
(4)	Legal Name of Inventor: ANUWAT SAETOW	
	Signature:	Date:

(5)	Legal Name of Inventor: GARY A. TRESSLER	
	Signature:	Date:

Title of Invention: VOLTAGE RAIL MONITORING TO DETECT ELECTROMIGRATION

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(1) Legal Name of Inventor: DAVID D. CADIGAN

(-)		
	Signature:	Date:
(2)	Legal Name of Inventor: WILLIAM V. HUOTT	
	Signature:	Date:
` `	Legal Name of Inventor: ADAM J. MCPADDEN	
	Signature: 18MS	Date: 1-22-2016
(4)	Legal Name of Inventor: ANUWAT SAETOW	
	Signature	Date:

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Signature:		WH	Date:

Title of Invention: VOLTAGE RAIL MONITORING TO DETECT ELECTROMIGRATION

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	Signature Anna Maria	Day 25 JAN 2014

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	Signature:	Date:

Title of Invention: VOLTAGE RAIL MONITORING TO DETECT ELECTROMIGRATION

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	Signature:	Date:

(5) Legal Name of Inventor; GARY A. TRESSLER

Signature: Hay a. Tush Date: 01/26/16

Page 3 of 3

PATENT REEL: 037838 FRAME: 0142