504065755 10/25/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4112421 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY J. BOSS	10/21/2016
ANDREW R. JONES	10/20/2016
CHARLES S. LINGAFELT	10/20/2016
KEVIN C. MCCONNELL	10/20/2016
JOHN E. MOORE JR.	10/21/2016

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:	15333586

CORRESPONDENCE DATA

Fax Number: (703)584-3270

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.

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Email: dzhong@rmsc2.com

Correspondent Name: ROBERTS MLOTKOWSKI SAFRAN COLE & CALDERON, P.C.

Address Line 1: 7918 JONES BRANCH DRIVE, SUITE 500

Address Line 4: MCLEAN, VIRGINIA 22102

NAME OF SUBMITTER:

ANDREW D. WRIGHT

SIGNATURE:

/Andrew D. Wright/

DATE SIGNED:

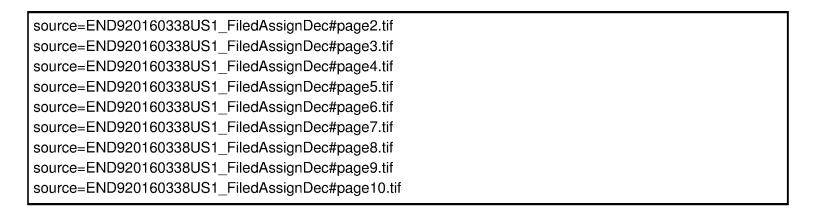
10/25/2016

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

Total Attachments: 10

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PATENT 504065755 REEL: 040120 FRAME: 0555



PATENT REEL: 040120 FRAME: 0556

Title of Invention: PREDICTING VEHICULAR FAILURES USING AUTONOMOUS COLLABORATIVE COMPARISONS TO DETECT ANOMALIES

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):
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The above-identified application was made or authorized to be made by me.
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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 therefore 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.

(1) Legal Name of Inventor: Gregory J. BOSS	
Signature:	Date: 10-21-2016
(2) Legal Name of Inventor: Andrew R. JONES	
Signature:	Date:
(3) Legal Name of Inventor: Charles S. LINGAFELT	
Signature:	Date:
(4) Legal Name of Inventor: Kevin C. MCCONNELL	
Signature:	Date:
(5) Legal Name of Inventor: John E. MOORE JR.	
Signatura	Date

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Signature:	Date:
(2) Legal Name of Inventor: Andrew R. JONES	
Signature: A. J. J.	Date: <u>/ () - スコック</u> /
(3) Legal Name of Inventor: Charles S. LINGAFELT	
Signature:	Date:
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Signature:	Daté:
(2) Legal Name of Inventor: Andrew R. JONES	
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Signature: 12/14	Date: <u>/</u> U-J-}-/6

Page 2 of 2