

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5291490

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNOR: HATHORN, ROGER G. DOC DATE: 12/08/2018 previously recorded on Reel 047735 Frame 0026. Assignor(s) hereby confirms the ASSIGNOR: HATHORN, ROGER G. DOC DATE: 12/06/2018.

CONVEYING PARTY DATA

Name	Execution Date
DALE F. RIEDY	12/06/2018
SCOTT B. COMPTON	12/06/2018
SUSAN K. CANDELARIA	12/07/2018
ROGER G. HATHORN	12/06/2018
HARRY M. YUDENFRIEND	12/06/2018

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:	16213797

CORRESPONDENCE DATA

Fax Number: (310)556-7984
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: 3105567983
Email: patricia@ipmatters.com
Correspondent Name: KONRAD RAYNES DAVDA & VICTOR LLP
Address Line 1: 350 S. BEVERLY DRIVE, SUITE 360
Address Line 4: BEVERLY HILLS, CALIFORNIA 90212

ATTORNEY DOCKET NUMBER:	P201803188US01 18.840
NAME OF SUBMITTER:	PATRICIA MCLAUGHLIN
SIGNATURE:	/Patricia McLaughlin/
DATE SIGNED:	12/19/2018

Total Attachments: 11

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 12, 2018

PTAS

KONRAD RAYNES DAVDA & VICTOR LLP
350 S. BEVERLY DRIVE, SUITE 360
BEVERLY HILLS, CA 90212

505229302

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 12/11/2018

REEL/FRAME: 047735/0026
NUMBER OF PAGES: 10

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: P201803188US01 18.840

ASSIGNOR:

RIEDY, DALE F.

DOC DATE: 12/06/2018

ASSIGNOR:

COMPTON, SCOTT B.

DOC DATE: 12/06/2018

ASSIGNOR:

CANDELARIA, SUSAN K.

DOC DATE: 12/07/2018

ASSIGNOR:

HATHORN, ROGER G.

DOC DATE: 12/08/2018

ASSIGNOR:

YUDENFRIEND, HARRY M.

DOC DATE: 12/06/2018

ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES
CORPORATION
NEW ORCHARD ROAD
ARMONK, NEW YORK 10504

APPLICATION NUMBER: 16213797

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: COMMUNICATION OF DIAGNOSTIC PARAMETERS OF A DATA MIRRORING
CONFIGURATION FROM A STORAGE CONTROLLER TO A HOST

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5276072

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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DALE F. RIEDY	12/06/2018
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Phone:	3105567983
Email:	patricia@ipmatters.com
Correspondent Name:	KONRAD RAYNES DAVDA & VICTOR LLP
Address Line 1:	350 S. BEVERLY DRIVE, SUITE 360
Address Line 4:	BEVERLY HILLS, CALIFORNIA 90212
ATTORNEY DOCKET NUMBER:	P201803188US01 18.840
NAME OF SUBMITTER:	PATRICIA MCLAUGHLIN
SIGNATURE:	/Patricia McLaughlin/
DATE SIGNED:	12/11/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 8	

**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: **COMMUNICATION OF DIAGNOSTIC PARAMETERS OF A DATA
MIRRORING CONFIGURATION FROM A STORAGE CONTROLLER TO A HOST**

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 16/213,797 filed on
2018-12-07

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 C.F.R. § 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.

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE 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 the ASSIGNEE, 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: Dale F. RIEDY

SIGNATURE: Dale F. Riedy DATE: 12/6/2018

(2) Legal Name of Inventor: Scott B. COMPTON

SIGNATURE: Scott B. Compton DATE: 12-06-2018

(3) Legal Name of Inventor: Susan K. CANDELARIA

SIGNATURE: _____ DATE: _____

(4) Legal Name of Inventor: Roger G. HATHORN

SIGNATURE: _____ DATE: _____

(5) Legal Name of Inventor: Harry M. YUDENFRIEND

SIGNATURE: _____ DATE: _____

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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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(1) Legal Name of Inventor: Dale F. RIEDY

SIGNATURE: _____ DATE: _____

(2) Legal Name of Inventor: Scott B. COMPTON

SIGNATURE: _____ DATE: _____

(3) Legal Name of Inventor: Susan K. CANDELARIA

SIGNATURE: Susan K Candelaria DATE: 12/7/2018

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SIGNATURE: _____ DATE: _____

(4) Legal Name of Inventor: Roger G. HATHORN

SIGNATURE:  DATE: 12/18/18

(5) Legal Name of Inventor: Harry M. YUDENFRIEND

SIGNATURE: _____ DATE: _____

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SIGNATURE: _____ DATE: _____

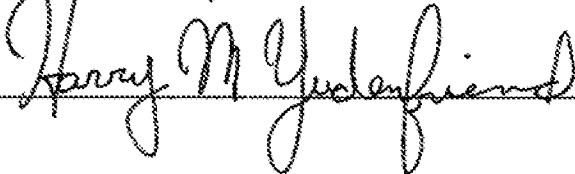
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