

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4779236

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNOR: KALOS, MATTHW J. previously recorded on Reel 044278 Frame 0528. Assignor(s) hereby confirms the ASSIGNOR: KALOS, MATTHEW J..
CONVEYING PARTY DATA	
Name	Execution Date
SCOTT B. COMPTON	10/19/2017
MATTHEW R. CRAIG	10/30/2017
CLINT A. HARDY	11/13/2017
MATTHEW J. KALOS	11/28/2017
CAROL S. MELLGREN	10/24/2017
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:	15828311
CORRESPONDENCE DATA	
Fax Number:	(310)556-7984
<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>	
Phone:	3105567983
Email:	pmdrop@ipmatters.com
Correspondent Name:	KONRAD RAYNED DAVDA & VICTOR LLP
Address Line 1:	350 S. BEVERLY DRIVE, SUITE 360
Address Line 4:	BEVERLY HILLS, CALIFORNIA 90212
ATTORNEY DOCKET NUMBER:	TUC820160335US01 18.747
NAME OF SUBMITTER:	PATRICIA MCLAUGHLIN
SIGNATURE:	/Patricia McLaughlin/
DATE SIGNED:	01/17/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 12

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4714717

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SCOTT B. COMPTON	10/19/2017
	MATTHEW R. CRAIG	10/30/2017
	CLINT A. HARDY	11/13/2017
	MATTHW J. KALOS	11/28/2017
	CAROL S. MELLGREN	10/24/2017
	JOHN G. THOMPSON	10/19/2017
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		
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Email:	pmdrop@ipmatters.com	
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Address Line 4:	BEVERLY HILLS, CALIFORNIA 90212	
ATTORNEY DOCKET NUMBER:	TUC820160335US01 18.747	
NAME OF SUBMITTER:	PATRICIA MCLAUGHLIN	
SIGNATURE:	/Patricia McLaughlin/	
DATE SIGNED:	12/01/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**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: **DEVICE RESERVATION STATE PRESERVATION IN DATA MIRRORING**

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 15/828,311 filed on
2017-11-30.

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: Scott B. COMPTON

SIGNATURE: _____

Scott B. Compton

DATE: _____

Oct 19, 2017

(2) Legal Name of Inventor: Matthew R. CRAIG

SIGNATURE: _____

DATE: _____

(3) Legal Name of Inventor: Clint A. HARDY

SIGNATURE: _____

DATE: _____

(4) Legal Name of Inventor: Matthew J. KALOS

SIGNATURE: _____

DATE: _____

(5) Legal Name of Inventor: Carol S. MELLGREN

SIGNATURE: _____

DATE: _____

IBM DOCKET NUMBER: TUC820160335US01

FIRM NUMBER: 0018.0747

(6) Legal Name of Inventor: John G. THOMPSON

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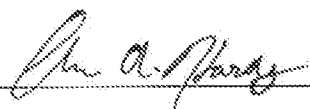
(1) Legal Name of Inventor: Scott B. COMPTON

SIGNATURE: _____ DATE: _____

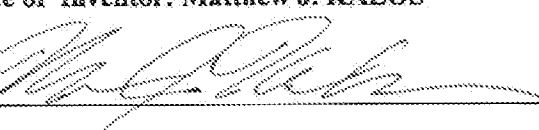
(2) Legal Name of Inventor: Matthew R. CRAIG

SIGNATURE:  _____ DATE: 10/30/17

(3) Legal Name of Inventor: Clint A. HARDY

SIGNATURE:  _____ DATE: 11/13/17

(4) Legal Name of Inventor: Matthew J. KALOS

SIGNATURE:  _____ DATE: 11/28/2017

(5) Legal Name of Inventor: Carol S. MELLGREN

SIGNATURE: _____ DATE: _____

IBM DOCKET NUMBER: TUC820160335US01
FIRM NUMBER: 0018.0747

(6) Legal Name of Inventor: John G. THOMPSON

SIGNATURE: 

DATE: 10-19-17

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(4) Legal Name of Inventor: Matthew J. KALOS

SIGNATURE: _____ DATE: _____

(5) Legal Name of Inventor: Carol S. MELLGREN

SIGNATURE:  DATE: 10/24/2017

IBM DOCKET NUMBER: TUC820160335US01

FIRM NUMBER: 0018.0747

(6) Legal Name of Inventor: John G. THOMPSON

SIGNATURE: _____ DATE: _____