

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5098737

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TIMOTHY R. BLOCK	08/09/2018
ELAINE R. PALMER	08/10/2018
KENNETH A. GOLDMAN	08/15/2018
HUGO M. KRAWCZYK	08/10/2018
DAVID D. SANNER	08/14/2018
CHRISTOPHER J. ENGEL	08/10/2018
PETER A. SANDON	08/10/2018
ALWOOD P. WILLIAMS III	08/15/2018
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:	16106069
CORRESPONDENCE DATA	
Fax Number:	(507)253-2382
<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:	507-253-5333
Email:	jpenningtonatty@cs.com
Correspondent Name:	IBM CORPORATION ROCHESTER IP LAW DEPT 91
Address Line 1:	3605 HIGHWAY 52 N
Address Line 4:	ROCHESTER, ILLINOIS 55901-7829
ATTORNEY DOCKET NUMBER:	P201708190US01
NAME OF SUBMITTER:	JOAN PENNINGTON
SIGNATURE:	/Joan Pennington/

DATE SIGNED:	08/21/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 32

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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: **IMPLEMENTING AUTHENTICATION PROTOCOL FOR MERGING MULTIPLE SERVER NODES WITH TRUSTED PLATFORM MODULES UTILIZING PROVISIONED NODE CERTIFICATES TO SUPPORT CONCURRENT NODE ADD AND REMOVE**

As a below named inventor, I hereby declare that:

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Signature: Timothy R. Block Date: 8/09/2018
Timothy R. Block

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Signature: _____ Date: _____
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(8) Legal Name of Inventor: **Peter A.Sandon**

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Signature: _____ Date: _____
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Signature:  _____ Date: 8/10/2018
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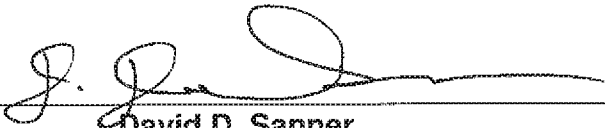
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Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided 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 each undersigned inventor desires to grant to IBM, the 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, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the 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, each undersigned inventor hereby authorizes and requests 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, the 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 the undersigned had this Assignment not been made; and each undersigned inventor agrees 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: **Timothy R. Block**

Signature: _____ Date: _____
Timothy R. Block

(2) Legal Name of Inventor: **Elaine R. Palmer**

Signature: _____ Date: _____
Elaine R. Palmer

(3) Legal Name of Inventor: **Kenneth A. Goldman**

Signature: _____ Date: _____
Kenneth A. Goldman

(4) Legal Name of Inventor: **William E. Hall**

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William E. Hall


(5) Legal Name of Inventor: **Hugo M. Krawczk**

Signature: _____ Date: _____
Hugo M. Krawczk

(6) Legal Name of Inventor: **David D. Sanner**

Signature: _____ Date: _____
David D. Sanner

(7) Legal Name of Inventor: **Christopher J. Engel**

Signature:  _____ Date: 8-16-18
Christopher J. Engel

(8) Legal Name of Inventor: **Peter A. Sandon**

Signature: _____ Date: _____
Peter A. Sandon

(6) Legal Name of Inventor: **Alwood P. Williams III**

Signature: _____ Date: _____
Alwood P. Williams III

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: **IMPLEMENTING AUTHENTICATION PROTOCOL FOR MERGING MULTIPLE SERVER NODES WITH TRUSTED PLATFORM MODULES UTILIZING PROVISIONED NODE CERTIFICATES TO SUPPORT CONCURRENT NODE ADD AND REMOVE**

As a below named 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.

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Signature: *Peter A. Sandon* Date: 8/10/2018
Peter A. Sandon

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Almond P. Williams III 8/15/18
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