503106943 12/18/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3153550

SUBMISSION TYPE:		NEW ASSIGNMENT			
ATURE OF CONVEYANCE: ASSIGNMENT					
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
VOLKER M.M. BOENIS	СН	CH 09/25/2014			
REINHARD BUENDGEN	1		09/25/2014		
FRANZISKA GEISERT			09/25/2014		
JAKOB C. LANG			09/28/2014		
MAREIKE LATTERMAN	IN		09/26/2014		
ANGEL NUNEZ MENCI	AS		09/25/2014		
RECEIVING PARTY DA					
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PROPERTY NUMBERS	; Total: 1				
Property Type		Number			
Application Number:		14574728			
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Total Attachments: 9

PATENT

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

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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: HARDWARE SECURITY MODULE ACCESS MANAGEMENT IN A CLOUD COMPUTING ENVIRONMENT

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):

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 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 I desire to grant to IBM, 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 ("ASSIGNOR") hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to IBM (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 IBM, its successors, legal representatives, and assigns, my 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 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

IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

I acknowledge my prior and ongoing obligations to sen, assign, and transfer my rights under tims Assignment to IBM 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 IBM, 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: Volker M. M. Boenisch Date: 04/25/2014 Signature:

(2) Legal Name of Inventor: Reinhard Buendgen

<u>_____</u>Date: 09/25/2014 Signature:

(3) Legal Name of Inventor: Franziska Geisert

Signature:	$\sum_{i=1}^{n}$	Se-	S-A-	Date:	09	128,	12019
		and the second s			t t	1	

(4) Legal Name of Inventor: Jakob C. Lang

Signature:_____ Date:____

(5) Legal Name of Inventor: Mareike Lattermann

Signature:_____Date:_____

(6) Legal Name of Inventor: Angel Nunez Mencias

Signature: Ayela Date: <u>25.9.201</u>4

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Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I ("ASSIGNOR") hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to IBM (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 IBM, its successors, legal representatives, and assigns, my 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 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

BM, its successors, legal representatives, and assign epresentatives, or assigns.	, whenever requested by IBM, its succession, legal
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I acknowledge my prior and ongoing obligations to sen, assign, and stander my rights user and Assignment to IBM and an 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 IBM, 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.

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(1) Legal Name of inventor: Volker M. M. Boenisch

Signature:Date:	
(2) Legal Name of Inventor: Reinhard Buendgen	
Signature:Date:	
(3) Legal Name of Inventor: Franziska Geisert	
Signature: Date:	<u></u>
(4) Legal Name of Inventor: Jakob C. Lang Signature:	2014

(5) Legal Name of Inventor: Mareike Lattermann
 Signature:__________
Date:_______

 (6) Legal Name of Inventor: Angel Nunez Mencias
 Signature:_________
Date:________

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(1) Legal Name of Inventor: Volker M. M. Boenisch

	Signature:	_Date:
(2)	Legal Name of Inventor: Reinhard Buendgen	
	Signature:	_Date:
(3)	Legal Name of Inventor: Franziska Geisert	
	Signature:	_Date:
(4)	Legal Name of Inventor: Jakob C. Lang	
	Signature:	_Date:

(5) Legal Name of Inventor: Mareike Lattermann	
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	· · · · · ·
Signature:	Date: 26. Sort. 2014

(6) Legal Name of Inventor: Angel Nunez Mencias

Signature:_____Date:_____

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RECORDED: 12/18/2014