505303787 01/30/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ELIZABETH A. HOLZ	10/28/2016
IOSIF V. ONUT	11/10/2016
JONI E. SAYLOR	11/05/2016
HYUN KYU SEO	10/28/2016
RONALD B. WILLIAMS	10/31/2016

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:	16261896

CORRESPONDENCE DATA

Fax Number: (972)733-1575

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: rbledsoe@walderiplaw.com **Correspondent Name:** STEPHEN J. WALDER, JR.

Address Line 1: WALDER INTELLECTUAL PROPERTY LAW, P.C.

Address Line 2: 17304 PRESTON ROAD, SUITE 200

Address Line 4: DALLAS, TEXAS 75252

ATTORNEY DOCKET NUMBER:	AUS920160531US02	
NAME OF SUBMITTER:	STEPHEN J. WALDER, JR.	
SIGNATURE:	/Stephen J. Walder, Jr./	
DATE SIGNED:	01/30/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT REEL: 048189 FRAME: 0001

505303787

Total Attachments: 15 source=AUS920160531US02_Assignment-Declaration#page1.tif source=AUS920160531US02_Assignment-Declaration#page2.tif source=AUS920160531US02_Assignment-Declaration#page3.tif source=AUS920160531US02_Assignment-Declaration#page4.tif source=AUS920160531US02_Assignment-Declaration#page5.tif source=AUS920160531US02_Assignment-Declaration#page6.tif source=AUS920160531US02_Assignment-Declaration#page7.tif source=AUS920160531US02_Assignment-Declaration#page8.tif source=AUS920160531US02_Assignment-Declaration#page9.tif source=AUS920160531US02_Assignment-Declaration#page10.tif source=AUS920160531US02_Assignment-Declaration#page11.tif source=AUS920160531US02_Assignment-Declaration#page12.tif source=AUS920160531US02_Assignment-Declaration#page13.tif source=AUS920160531US02_Assignment-Declaration#page13.tif source=AUS920160531US02_Assignment-Declaration#page13.tif

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PATENT REEL: 048189 FRAME: 0002

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: AMALGAMATING CODE VULNERABILITIES ACROSS PROJECTS

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 numberfiled 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.
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, 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;

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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: Elizabeth A. Holz

Signature: <u>lizabeth Holz</u>	Date: Oct 28, 2016
(2) Legal Name of Inventor: Iosif V. Onut	
Signature:	Date:
(3) Legal Name of Inventor: Joni E. Saylor	
Signature:	Date:
(4) Legal Name of Inventor: Hyun Kyu Seo	
Signature:	Date:

(5) Legal Name of Inventor: Ronald B. Williams		
Signature:	Date:	

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(1) Legal Name of Inventor: Elizabeth A. Holz	
Signature:	Date:
(2) Legal Name of Inventor: Iosif V. Onut	
Signature:	Date:11/10/2016
(3) Legal Name of Inventor: Joni E. Saylor	
Signature:	Date:
(4) Legal Name of Inventor: Hyun Kyu Seo	
Signature:	Date:

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Signature:	Date:

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Signature:	Date
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Signature	Date:
(3) Legal Name of Inventor: Joni E. Saylor	
Signature:	Date: Nov. 5th, 2016
(4) Legal Name of Inventor: Hyun Kyu Seo	
Signature:	Date:

(IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS)

Page 2 of 3

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Signature:	Date: /t/23//b

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