

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5837399

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHLOMIT AVRAHAMI	08/23/2017
TALI FINELT	08/28/2017
ITAI GORDON	08/23/2017
YAKIR KEISAR	08/25/2017
ILAN PRAGER	08/23/2017
ALEXANDER PYASIK	08/23/2017
ODED SOFER	08/28/2017
OR BAR-YAACOV	08/23/2017
YIFAT YULEVICH	08/28/2017
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:	16693989
CORRESPONDENCE DATA	
Fax Number:	(845)592-6092
<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:	408-463-5675
Email:	fdciplaw@us.ibm.com
Correspondent Name:	IBM CORP. - FISHKILL DRAFTING CENTER SVL
Address Line 1:	650 HARRY ROAD, ALMADEN RESEARCH CENTER
Address Line 2:	C4TA/J2B
Address Line 4:	SAN JOSE, CALIFORNIA 95120
ATTORNEY DOCKET NUMBER:	IL820160054US02
NAME OF SUBMITTER:	BRITTANY SINSABAUGH

PATENT

SIGNATURE:	/Brittany Sinsabaugh/
DATE SIGNED:	11/25/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6 source=IL820160054US01_AssignDec#page1.tif source=IL820160054US01_AssignDec#page2.tif source=IL820160054US01_AssignDec#page3.tif source=IL820160054US01_AssignDec#page4.tif source=IL820160054US01_AssignDec#page5.tif source=IL820160054US01_AssignDec#page6.tif	

**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: DETECTING MALWARE ATTACKS USING EXTRACTED BEHAVIORAL
FEATURES

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 _____
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.

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 ("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
therefore 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.

IBM DOCKET NUMBER: IL820160054US01

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 recollection 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: Shlomo Avrahami
Signature: [Signature] Date: 23-Aug-2017
- (2) Legal Name of Inventor: Tali Finelt
Signature: [Signature] Date: 28-Aug-2017
- (3) Legal Name of Inventor: Itai Gordon
Signature: [Signature] Date: 23-Aug-2017
- (4) Legal Name of Inventor: Yakir Keisar
Signature: [Signature] Date: 25-Aug-2017
- (5) Legal Name of Inventor: Ilan Prager
Signature: [Signature] Date: 23-Aug-2017
- (6) Legal Name of Inventor: Alexander Pyasik
Signature: _____ Date: _____
- (7) Legal Name of Inventor: Oded Sofer
Signature: _____ Date: _____
- (8) Legal Name of Inventor: Or Bar-Yaacov
Signature: [Signature] Date: 23.08.17
- (9) Legal Name of Inventor: Yifat Yulevich
Signature: _____ Date: _____

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Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby
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(1) Legal Name of Inventor: Shlomit Avrahami

Signature: _____ Date: _____

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Signature:  _____ Date: 23/08/17

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Signature: _____ Date: _____

(9) Legal Name of Inventor: Yifat Yulevich

Signature:  _____ Date: 28/8/17

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Signature: _____ Date: _____

(7) Legal Name of Inventor: Oded Sofer

Signature: 3318 _____ Date: Aug 28, 2017

(8) Legal Name of Inventor: Or Bar-Yaacov

Signature: _____ Date: _____

(9) Legal Name of Inventor: Yifat Yulevich

Signature: _____ Date: _____