#### 505079872 09/06/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALEXANDER V KALININ	08/27/2018
SERGEY A. RUMYANTSEV	09/04/2018
IGOR Y KUMAGIN	08/27/2018

## **RECEIVING PARTY DATA**

Name:	AO KASPERSKY LAB
Street Address:	39A/3 LENINGRADSKOE SHOSSE
City:	MOSCOW
State/Country:	RUSSIAN FEDERATION
Postal Code:	125212

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16122963

## CORRESPONDENCE DATA

Fax Number: (212)484-3990

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: patentdocket@arentfox.com

**Correspondent Name:** ARENT FOX LLP

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Address Line 2: FLOOR 42

Address Line 4: NEW YORK, NEW YORK 10019

ATTORNEY DOCKET NUMBER:	031185.01218
NAME OF SUBMITTER:	MICHAEL FAINBERG
SIGNATURE:	/Michael Fainberg/
DATE SIGNED:	09/06/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 3** 

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> **PATENT** REEL: 046798 FRAME: 0284

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PATENT REEL: 046798 FRAME: 0285

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT	
Title of invention	SYSTEM AND METHOD FOR IDENTIFYING VULNERABILITIES OF APPLICATIONS BY INTERCEPTING FUNCTION CALLS
As the belo	w named inventor, I declare that:
This declar is directed	
	United States application or PCT international application number filed on
The above-i	tentified application was made or authorized to be made by me.
I believe tha	t I am the original inventor or an original joint inventor of a claimed invention in the application.
I have review	wed and understand the contents of the above-identified application, including the claims.
material to p became ava	ge the duty to disclose to the United States Patent and Trademark Office all information known to me to be attentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which illable between the filing date of the prior application and the national or PCT international filing date of the In-part application.
assign and s assignee, the andior claim patents applied of said applied authorized a of the entire and covener for Patent or its represent interference; papers, mak nominees to	d valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as assignor, hereby self, set over to AO Kaspersky Lab, having an address at 39A/3 Leningradskipe Shosse, Mosopw 125212, Russia, as elementering the and interest for the United States and all other countries in and to all inventions disclosed and in the above-identified application, all original, divisional, continuation, substitute or reissue applications and ied for or granted therefor in the United States and all other countries, including all rights of priority from the filing cation, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby and requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree it without further remaneration, to execute and deliver all divisional, continuation, relissue and other applications in said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or attives all facts known to the undersigned respecting said inventions, wherever requested, to testify in any so or other legal proceedings in which any of said applications or patents may become involved, to sign all tawful e all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and obtain patent protection for said inventions in the United States and all other countries, the expenses incident to intent to be borne and paid by said assignee.
	gned hereby covenants that no assignment, sale, agreement or and umbrance has been or will be made or which would conflict with this assignment.
believed to t are punishal	Is made herein of my/our own knowledge are true, all statements made herein on information and belief are be true, and further that these statements were made with the knowledge that willful false statements and the like ole under 18 U.S.C. 1991 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the e application or any patent issuing thereon.
LEGAL NA	ME OF INVENTOR.
Inventor:	Igor Y. Kumagin Date: 2/27/2018
**Signature	
	S. S. signature is narmitted. The Segmenting must provide only of latters by Arabic numerals or both with appropriate

\*\* An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate spaces and commas, periods, apostrophes, or hypheris for punctuation, and the person signing the correspondence must insert his or her own S-signature with a first single forward slash mark before and a second single forward slash mark after the S-signature (e.g., IDr. James T. Jones, Jr.f).

Initial 10/02/12

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT	
Title of Invention	SYSTEM AND METHOD FOR IDENTIFYING VULNERABILITIES OF APPLICATIONS BY INTERCEPTING FUNCTION CALLS
As the belo	w named inventor, I declare that:
This declar is directed	
	Name of the Control o
	United States application or PCT international application number
The above-k	dentified application was made or authorized to be made by me.
I believe that	t I am the original inventor or an original joint inventor of a claimed invention in the application.
I have review	red and understand the contents of the above-identified application, including the claims,
material to p became ava	ge the duty to disclose to the United States Patent and Trademark Office all information known to me to be atentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which liable between the filing date of the prior application and the national or PCT International filing date of the -in-part application.
assign and s assignee, th and/or claim paterits appli of said appli authorized a of the entire and covena- for Patent or its represent interference; papers, mak nominees to	d valuable consideration, the receipt and sufficiency of which is hereby acknowledged. I, as assignor, hereby sell, set over to AO Kaspersky Lab, having an address at 39A/3 Leningradskoe Shosse. Moscow 125212, Russia, as a entire right, title and interest for the United States and all other countries in and to all inventions disclosed ed in the above-identified application, all originals, divisionals, continuation, substitute or reissue applications and led for or granted therefor in the United States and all other countries, including all rights of priority from the filting cation, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby not requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree it without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications in said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or atives all facts known to the undersigned respecting said inventions, whenever requested, to leatify in any so or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful e all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and obtain patent protection for said inventions in the United States and all other countries, the expenses incident to tions to be borne and paid by said assignee.
	gned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or which would conflict with this assignment.
believed to t are punishal	its made herein of my/our own knowledge are true, all statements made herein on information and belief are be true, and further that these statements were made with the knowledge that willful false statements and the like ble under 18 U.S.C. 1991 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the e application or any patent issuing thereon.
LEGAL NA	ME OF INVENTOR
Inventor:	Alexander V. Kalinin Date: 01/21/20/1
**Signatur	A set parameter and

"An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate spaces and commas, periods, apostrophes, or hyphens for nunctualion, and the person significant the correspondence must insert his or her own S-signature with a first single forward stash mark before and a second single forward stash mark after the S-signature (e.g., for, James T, Jones, Jr./).

Initial 18/02/12

Page # 1

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT	
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As the belo	w named inventor, I declare that:
This declar is directed	
<u> </u>	
;	United States application or PCT international application number filed on
The strave-ic	writhed 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 review	ed and understand the contents of the above-identified application, including the claims.
matenal to pa	is the duty to disclose to the United States Patent and Trademark Office all information known to me to be stentebility as defined in 37 CFR 1.56, including for communition-in-cert applications, material information which table between the filing date of the prior application and the national or PCT International filing date of the in-part application.
assign and a assignae, the anator claims patents applic authorized ar of the entire i and coverant for Patent on its represent interpresent papers, mate nominees to	I valueble consideration, the receipt and sufficiency of which is hereby acknowledged, f. as assignor, hereby self, at over to AQ Kaspersky Lab, having an address at 39A/3 Leningradakoe Shosse, Moscow 125212, Russia, as a entire right, title and interest for the United States and all other countries in and to all inventions disclosed at in the above-identified application, all original, divisional, continuation, substitute or reissue applications and ad for or granted therefor in the United States and all other occurrings, including all rights of prority from the filing aftern, and all inghts for past infringement, and the Commissioner of Patents and Trademarks is hereby at recreasing to issue all patents on said inventions or resulting there from to said assignee herein, as assignee thereor, and the undersigned for myself and my legal representatives, heirs and assigns dishereby agrees the without further remaineration, to execute and deliver all divisional, confinuation, reissue and other applications said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or silves all facts known to the undersigned respecting said inventions, whenever requested, to testify in any or or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and obtain petent protection for said inventions in the United States and all other countries, the expenses incident to one to be home and paid by said assignee.
The undersig entered into s	ned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or which would conflict with this assignment.
are punishab darfainug are	s made herein of my/our own knowledge are true, all statements made herein on information and bettef are a true, and further that these statements were made with the knowledge mat without lake statements and the like the under 18 U.S.C. 1881 by fine or imprisonment of not more than five (6) years, or both, and may jeopardize the application or any patent issuing thereon.
LEGAL NA	AE OF INVENTOR
Inventor:	Sergey A. Rumyantsev Date: 09/04/20/2
⇔Signature:	
***************************************	

\*\* An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate spaces and commas, periods, apostrophes, or hyphens for purctuation, and the period signing the correspondence must insert his or her own S-signature with a first single forward slash mark before and a second single forward slash mark after the S-signature (e.g., Abr. James T. Jones, Jr./)

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**RECORDED: 09/06/2018**