PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5361213

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIN YANG	06/21/2016
YONGHIAN LE	06/21/2016
IGOR MUTTIK	06/21/2016
HONG LI	08/05/2016

RECEIVING PARTY DATA

Name:	MCAFEE, INC.	
Street Address:	2821 MISSION COLLEGE BOULEVARD	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95054-1838	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16315615

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 3125801020 Email: skwit@hfzlaw.com

Correspondent Name: HANLEY FLIGHT & ZIMMERMAN LLC

Address Line 1: 150 S. WACKER DR.

Address Line 2: SUITE 2200

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	P98458US	
NAME OF SUBMITTER:	MICHAEL W. ZIMMERMAN	
SIGNATURE:	/ Michael W. Zimmerman/	
DATE SIGNED:	02/05/2019	

Total Attachments: 5

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PATENT 505314432 REEL: 048262 FRAME: 0919

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> PATENT REEL: 048262 FRAME: 0920

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

JIN YANG, YONGNIAN LE, IGOR MUTTIK, AND HONG LI

hereby sell, assign, and transfer to:

McAfee, Inc.

a corporation of Delaware, having a principal place of business at 2821 Mission College Boulevard, Santa Clara, California, 95054-1838 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

METHOD AND APPARATUS TO DETECT SECURITY VULNERABILIES IN A WEB APPLICATION

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	January 4	, 2019		
US		olication Number	16/315,615	and
COUNTRY or Int	crnational Office			······································

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below.

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignce may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignce, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignce, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignce, its successors, assigns, or legal representatives in securing and

Page 1 of 1

maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives, and

	Ja Yang	20/6.64
	Jin Yang	Date signed
	Yonghian Le	Date signed
***************************************	Igor Muttik	Date signed
***************************************	Hong Li	Date signed

maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

, 	Jin Yang	Date signed
	Yayayaya / Q. Yorighian Le	2౭/﴿ ﴿ ﴾ Date signed
	lgor Muttik	Date signed
	Hong Li	Date signed

maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Jin Yang	Date signed
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Jin Yang	Date signed
Yonghian Le	Date signed
Tongu 20	Dave signed
Igor Muttik	Date signed
May !	8/5/2016
Hong Li	Date signed