PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NED M. SMITH	09/12/2016
ZHENG ZHANG	09/13/2016
THIAGO J. MACIEIRA	09/12/2016

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:	16224013

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: ndombrowski@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:	P106272C	
NAME OF SUBMITTER:	MARIANNE BUCKLEY	
SIGNATURE:	/Marianne Buckley/	
DATE SIGNED:	12/19/2018	

Total Attachments: 4

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PATENT REEL: 047820 FRAME: 0236

ASSIGNMENT

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

NED M. SMITH, ZHENG ZHANG, THIAGO J. MACIEIRA

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:

DEVICE-DRIVEN AUTO-RECOVERY USING MULTIPLE RECOVERY SOURCES

(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	September 28,	, 2016		as
USA		Application Number	15/278,936	and
COUNTRY or Inte	rnational 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 Assignee 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 Assignee, 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 Assignee, 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 Assignee, its successors, assigns, or legal representatives in securing and maintaining

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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

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Ned M. Smith	7-12-14 Date signed
Zheng Zhang	Date signed
Thiago J. Macieira	Date signed

Attorney Docket No.: P106272US (920-0426US)

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Ned M. Smith	Date signed
~~~ <u>\$</u>	09/13/2018
Zheng Zhang	Date signed
-	
Thiago J. Macieira	Date signed

# Attorney Docket No.: P106272US (920-0426US)

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covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Ned M. Smith	Date signed
Zheng Zhang	Date signed
Thiago J. Macieira	<u>SST 10, 2016</u> Date signed

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**RECORDED: 12/19/2018** 

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