

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4202583

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAMES ZARAKAS	03/30/2016
DAVID WURMFELD	03/30/2016
BRENNON YORK	04/05/2016
TYLER LOCKE	03/30/2016
RECEIVING PARTY DATA	
Name:	CAPITAL ONE SERVICES, LLC
Street Address:	1680 CAPITAL ONE DRIVE
City:	MCLEAN
State/Country:	VIRGINIA
Postal Code:	22102
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15392002
CORRESPONDENCE DATA	
Fax Number:	(202)778-2201
<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:	202 955 1500
Email:	patdcdoCKET@hunton.com
Correspondent Name:	HUNTON & WILLIAMS LLP
Address Line 1:	2200 PENNSYLVANIA AVENUE, N.W.
Address Line 4:	WASHINGTON, D.C. 20037
ATTORNEY DOCKET NUMBER:	67519.001504
NAME OF SUBMITTER:	DANIEL G. VIVARELLI, JR
SIGNATURE:	/Daniel G. Vivarelli, Jr./
DATE SIGNED:	12/28/2016
Total Attachments: 5	
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ASSIGNMENT AND DECLARATION

WHEREAS, WE, **James ZARAKAS**, having an address of **13817 Laura Ratcliff Court, Centreville, VA 20121**; **David WURMFELD**, residing at **901 North Pollard Street, Apt. 1701, Arlington, VA 22203**; **Brennon YORK**, residing at **3414 18th Street, San Francisco, CA 94110**; and **Tyler LOCKE**, residing at **201 I Street NE, #1210, Washington, DC 20002**; have invented certain new and useful improvements in and to the subject matter of:

SYSTEM AND METHODS FOR SECURE FIRMWARE VALIDATION

described in an application for United States Letters Patent the specification of which:

- is attached hereto
- was filed on: **December 21, 2015, March 9, 2016; April 14, 2015**
as United States Provisional Application No.: **62/270,465; 62/305,850; 62/147,568**
as United States Application No.: _____
or PCT International Application No.: _____
and was amended on: _____ (if applicable).

AND, WHEREAS, **CAPITAL ONE SERVICES LLC**, a corporation organized under the laws of the State of Delaware, having a place of business located at **1680 Capital One Drive, McLean, Virginia 22102** (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby authorize and request our agents, **Hunton & Williams LLP**, whose address is **2200 Pennsylvania Avenue, N.W., Washington, DC 20037-1701**, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or

reissue application or in any amendments, extensions, post-grant review, *inter partes* review or derivation proceedings, supplemental examination or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

- The above-identified application was made or authorized to be made by me.
- I believe I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

3/30/2016
Date


James ZARAKAS

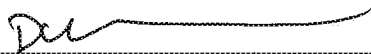
WITNESSES:

HUNTON & WILLIAMS LLP
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2200 PENNSYLVANIA AVENUE, N.W.
WASHINGTON, DC 20037
(202) 955-1500 (TELEPHONE)
(202) 778-2201 (FACSIMILE)

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30-MAR-2016
Date



David WURMFELD

WITNESSES:

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4/5/2016

Date



Brennon YORK

WITNESSES:

Nolan Semrau


Brendan Herger

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3/30/16
Date


Tyler LOCKE

WITNESSES:

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