

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4551553

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
CROWDSTRIKE, INC.	03/01/2017

RECEIVING PARTY DATA

Name:	SILICON VALLEY BANK
Street Address:	3003 TASMAN DR.
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 41

Property Type	Number
Patent Number:	9043903
Patent Number:	9158914
Patent Number:	9256730
Patent Number:	9292881
Patent Number:	9477835
Patent Number:	9571453
Application Number:	13728746
Application Number:	13784720
Application Number:	13953608
Application Number:	14098246
Application Number:	14169401
Application Number:	14220362
Application Number:	14297974
Application Number:	14709779
Application Number:	14792177
Application Number:	15051461
Application Number:	14810840
Application Number:	14818527
Application Number:	15063086
Application Number:	15077526

PATENT

Property Type	Number
Application Number:	15096027
Application Number:	15240860
Application Number:	15213004
Application Number:	15393797
Application Number:	15433535
Application Number:	15402503
Application Number:	15339844
Application Number:	15402524
Application Number:	15400561
PCT Number:	US1340420
PCT Number:	US1340428
PCT Number:	US1417950
PCT Number:	US1358496
PCT Number:	US1375856
PCT Number:	US1520187
PCT Number:	US1433661
PCT Number:	US1440748
PCT Number:	US1513522
PCT Number:	US1455660
PCT Number:	US1465970
PCT Number:	US1533551

CORRESPONDENCE DATA

Fax Number: (408)852-4475
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: 4088417195
Email: dsanchezbentz@vlpplawgroup.com
Correspondent Name: DIANA SANCHEZ BENTZ
Address Line 1: VLP LAW GROUP LLP
Address Line 2: 235
Address Line 4: GILROY, CALIFORNIA 95020

ATTORNEY DOCKET NUMBER:	SVB-CROWDSTRIKE (PATS)
NAME OF SUBMITTER:	DIANA SANCHEZ BENTZ
SIGNATURE:	/dsb1068/
DATE SIGNED:	08/15/2017

Total Attachments: 10
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (“Agreement”) is entered into as of March 1, 2017, by and between SILICON VALLEY BANK (“Bank”) and CROWDSTRIKE, INC. (“Grantor”).

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodation (the “Loans”) to Borrowers (as defined below) in the amounts and manner set forth in that certain Amended and Restated Loan and Security Agreement by and among Bank, Grantor, CrowdStrike Holdings, Inc., a Delaware corporation (“Holdings”), and CrowdStrike Services, Inc., a Delaware corporation (“Services” and together with Holdings and Grantor, collectively, “Borrowers”), dated March 1, 2017 (as the same agreement may be amended, modified or supplemented from time to time, the “Loan Agreement”; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Borrowers, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor’s right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. Grant of Security Interest. To secure its Obligations under the Loan Agreement (as defined therein), Grantor grants and pledges to Bank a security interest in all of Grantor’s right, title and interest in, to and under its intellectual property (all of which shall collectively be called the “Intellectual Property Collateral”), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those copyright applications and copyright registrations set forth on Exhibit A attached hereto (collectively, the “Copyrights”);

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the "Mask Works");

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Bank.

Grantor hereby authorizes Bank to (a) modify this Agreement unilaterally by amending the exhibits to this Agreement to include any Intellectual Property Collateral which Grantor obtains subsequent to the date of this Agreement and (b) file a duplicate original of this Agreement containing amended exhibits reflecting such new Intellectual Property Collateral.

3. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Bank with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

4. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed

counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., “pdf” or “tif” format) shall be effective as delivery of a manually executed counterpart of this Agreement.

5. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

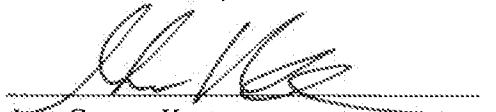
6. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of California, without giving effect to any choice or conflict of law provision or rule (whether of the State of California or any other jurisdiction).

[Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

CROWDSTRIKE, INC.



By: George Kurtz

Title: President

BANK:

SILICON VALLEY BANK

By: _____

Title: _____

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

CROWDSTRIKE, INC.

.....
By:

Title:

BANK:

SILICON VALLEY BANK


.....

By: DEREK HOYT

Title: Managing Director

EXHIBIT A

Copyrights

Description

Registration/
Application
Number

Registration/
Application
Date

NONE

EXHIBIT B

Patents

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
KERNEL-LEVEL SECURITY AGENT	9043903	05/26/2015
	20130333040	12/12/2013
	13492672	06/08/2012
EXECUTABLE COMPONENT INJECTION UTILIZING HOTPATCH MECHANISMS	9158914	10/13/2015
	20140317731	10/23/2014
	13866968	04/19/2013
THREAT DETECTION FOR RETURN ORIENTED PROGRAMMING	9256730	02/09/2016
	20140075556	03/13/2014
	13607155	09/07/2012
SOCIAL SHARING OF SECURITY INFORMATION IN A GROUP	9292881	03/22/2016
	20140007190	01/02/2014
	13538439	06/29/2012
EVENT MODEL FOR CORRELATING SYSTEM COMPONENT STATES	9477835	10/25/2016
	20150101044	04/09/2015
	14048920	10/08/2013
REAL-TIME REPRESENTATION OF SECURITY- RELEVANT SYSTEM STATE	20140189776	07/03/2014
	13728746	12/27/2012
DECEPTION-BASED RESPONSES TO SECURITY ATTACKS	20140250524	09/04/2014
	13784720	03/04/2013
IRRELEVANT CODE IDENTIFICATION	20150033339	01/29/2015
	13953608	07/29/2013
RPC CALL INTERCEPTION	20150163109	06/11/2015
	14098246	12/05/2013
KERNEL-LEVEL SECURITY AGENT	9571453	02/14/2017
	US20140109226	04/17/2014
	14140323	12/24/2013
TAGGING SECURITY-RELEVANT SYSTEM OBJECTS	US20150222646	08/06/2015
	14169401	01/31/2014
INTEGRITY ASSURANCE AND REBOOTLESS UPDATING DURING RUNTIME	US20150268947	09/24/2015
	14220362	03/20/2014
REAL-TIME MODEL OF STATES OF MONITORED DEVICES	US20150356301	12/10/2015
	14297974	06/06/2014
KERNEL-LEVEL SECURITY AGENT	US20150244679	08/27/2015
	14709779	05/12/2015

SOCIAL SHARING OF SECURITY INFORMATION IN A GROUP	US20150326614 14792177	11/12/2015 07/06/2015
INTEGRITY ASSURANCE AND REBOOTLESS UPDATING DURING RUNTIME	US20160170740 15051461	06/16/2016 02/23/2016
Social Sharing of Security Information in a Group	9292881 13492672	05/26/2015 06/29/2012
Kernel-Level Security Agent	PCT/US13/40420	05/09/2013
Kernel-Level Security Agent	14709779	05/12/2015
Social Sharing of Security Information in a Group	PCT/US13/40428	05/09/2013
Deception-Based Responses to Security Attacks	PCT/US14/17950	02/24/2014
Threat Detection for Return Oriented Programming	PCT/US13/58496	09/06/2013
Real-Time Representation of Security-Relevant System State	PCT/US13/75856	12/17/2013
Integrity Assurance Through Early Loading in the Boot Phase	14810840	07/28/2015
Integrity Assurance and Rebootless Updating During Runtime	PCT/US15/20187	03/12/2015
Executable Component Injection Utilizing Hotpatch Mechanisms	PCT/US14/33661	4/10/2014
Irrelevant Code Identification	PCT/US14/40748	6/3/2014
Tagging Security-Relevant System Objects	PCT/US15/13522	01/29/2015
Event Model for Correlating System Component States	PCT/US14/55660	09/15/2014
RPC Call Interception	PCT/US14/65970	11/17/2014
Real-Time Model of States of Monitored Devices	PCT/US15/33551	06/01/2015
User-Mode Component Injection and Atomic Hooking	14818527	08/05/2015
Hypervisor-Based Interception of Memory Accesses	15063086	03/07/2016
User-Mode Component Injection Techniques	15077526	03/22/2016
Correlation-Based Detection of Exploit Activity	15096027	04/11/2016
Identifying Sources of User-Mode Service Requests from Kernel-Mode	15240860	8/18/2016
Inferential Exploit Attempt Detection	15213004	07/18/2016
Kernel-Level Security Agent	15393797	12/19/2016
Tagging Security-Relevant System Objects	15433535	02/15/2017
Validation-Based Determination of Computational Models	15402503	01/10/2017
File-Modifying Malware Detection	15339844	10/31/2016
Computational Modeling and Classification of Data Streams	15402524	01/10/2017
Binary Search of Byte Sequences Using Inverted Indices	15400561	01/06/2017

EXHIBIT C

Trademarks

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
FALCON OVERWATCH	86913839	02/19/2016
CROWDSTRIKE THREAT GRAPH	86590212	04/07/2015
CROWDSTRIKE FALCON	4629491	10/28/2014
	85982701	02/07/2013
CROWDSTRIKE FALCON	4720653	04/14/2015
	85843788	02/07/2013
	4732156	05/05/2015
	85963322	06/18/2013
	4732155	05/05/2015
	85963314	06/18/2013
	4732154	05/05/2015
	86963304	06/18/2013
YOU DON'T HAVE A MALWARE PROBLEM, YOU HAVE AN ADVERSARY PROBLEM	4704110	03/17/2015
	85623622	05/11/2012
CROWDSTRIKE	4664091	12/30/2014
	85509811	01/05/2012
CROWDSTRIKE	4336365	05/14/2013
	85978822	01/05/2012
CROWDRE	4272420	01/08/2013
	85702530	08/13/2012

EXHIBIT D

Mask Works

Description

Registration/
Application
Number

Registration/
Application
Date

NONE