TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM536163

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Extreme Networks, Inc.		08/09/2019	Corporation:
Aerohive Networks, Inc.		08/09/2019	Corporation:

RECEIVING PARTY DATA

Name:	Bank of Montreal
Street Address:	3 Times Square, 25th Floor
City:	New York
State/Country:	NEW YORK
Postal Code:	10036
Entity Type:	National Banking Association: CANADA

PROPERTY NUMBERS Total: 17

Property Type	Number	Word Mark
Registration Number:	2728532	ALPINE
Registration Number:	2402347	EXTREMEWARE
Registration Number:	4960698	STACKSTORM
Serial Number:	88262892	A3
Registration Number:	5360758	ADVANTAGEMSP
Registration Number:	3473127	AEROHIVE
Registration Number:	5301238	AEROHIVE CONNECT
Registration Number:	5469364	AEROHIVE SELECT
Registration Number:	4640544	
Registration Number:	5764793	
Registration Number:	4952684	HIVECARE
Registration Number:	5483729	HIVECARE CONNECT
Registration Number:	5568685	HIVECARE SELECT
Registration Number:	3473130	HIVEMANAGER
Registration Number:	5301239	HIVEMANAGER CONNECT
Registration Number:	5294841	HIVENATION
Registration Number:	3473128	HIVEOS

CH $440.00 2728532

CORRESPONDENCE DATA

Fax Number: 2127158100

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: 212-715-9100

Email: kltrademark@kramerlevin.com

Correspondent Name: Kramer Levin Naftalis & Frankel LLP

Address Line 1: 1177 Avenue of the Americas

Address Line 4: New York, NEW YORK 10036

NAME OF SUBMITTER:	Diane Torniali
SIGNATURE:	/Diane Torniali/
DATE SIGNED:	08/12/2019

Total Attachments: 15

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PATENT AND TRADEMARK SECURITY AGREEMENT

THIS PATENT AND TRADEMARK SECURITY AGREEMENT (this "*Agreement*"), dated as of August 9, 2019, is made by each of EXTREME NETWORKS, INC., a Delaware corporation ("*Extreme*") and AEROHIVE NETWORKS, INC., a Delaware corporation ("*Aerohive*" and together with Extreme, each a "*Grantor*" and collectively, the "*Grantors*"), and BANK OF MONTREAL ("*BMO*"), as administrative agent for the Lenders referred to below and for the benefit of the Secured Parties defined in the Credit Agreement referred to below (in such capacity, the "*Administrative Agent*").

A.   Extreme, certain financial institutions as lenders (the "*Lenders*") and the Administrative Agent are parties to that certain Amended and Restated Credit Agreement, dated as of August 9, 2019 (as amended, restated, amended and restated, supplemented, restructured or otherwise modified from time to time, the "*Credit Agreement*").

B.   Each Grantor and the Administrative Agent are parties to that certain Guarantee and Collateral Agreement, dated as of May 1, 2018 (as amended, restated, amended and restated, supplemented, restructured or otherwise modified from time to time, the "*Guarantee and Collateral Agreement*").

C.   Pursuant to the terms of the Guarantee and Collateral Agreement, each Grantor granted to the Administrative Agent (for the benefit of the Secured Parties and to secure the Secured Obligations (as defined in the Guarantee and Collateral Agreement)) a security interest in substantially all of such Grantor's present and future personal property assets (including the Intellectual Property of such Grantor) and, to further evidence such security interest grant in the Intellectual Property of such Grantor, such Grantor and the Administrative Agent shall enter into this Agreement.

Accordingly, the parties hereto agree as follows:

SECTION 1   Definitions; Interpretation.

(a)   Terms Defined in the Credit Agreement and the Guarantee and Collateral Agreement. All capitalized terms used in this Agreement (including in the recitals hereof) and not otherwise defined herein shall have the respective meanings assigned to such terms in the Credit Agreement or the Guarantee and Collateral Agreement, as the context may require.

(b)   Interpretation. The rules of interpretation set forth in Section 1.2 of the Credit Agreement shall be applicable to this Agreement and are incorporated herein by this reference.

SECTION 2   Security Interest.

(a)   Grant of Security Interest. As security for the payment and performance of the Secured Obligations, each Grantor hereby grants, assigns, and conveys to the Administrative Agent (for the benefit of the Secured Parties), a security interest in all of such Grantor's right, title and interest in, to and under the following property, in each case whether now or hereafter existing or arising or in which such Grantor now has or hereafter owns, acquires or develops an interest and wherever located (collectively, the "*Collateral*"):

(i)   all patents and patent applications, domestic or foreign, all licenses relating to any of the foregoing and all income and royalties with respect to any licenses (including such patents and patent applications as described in Schedule A), all rights to sue for past, present or future infringement thereof, all rights arising therefrom and pertaining thereto and all reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof;

(ii)   all state (including common law), federal and foreign trademarks, service marks and trade names, and applications for registration of such trademarks, service marks and trade names, all licenses relating to any of the foregoing and all income and royalties with respect to any licenses (including such marks, names and applications as described in Schedule B), whether registered or unregistered and wherever registered, all rights to sue for past, present or future infringement or unconsented use thereof, all rights arising therefrom and pertaining thereto and all reissues, extensions and renewals thereof;

(iii)   the entire goodwill of or associated with the businesses now or hereafter conducted by such Grantor connected with and symbolized by any of the aforementioned properties and assets;

(iv)   all Commercial Tort Claims associated with or arising out of any of the aforementioned properties and assets;

(v)   all accounts, all intangible intellectual or other similar property and other general intangibles associated with or arising out of any of the aforementioned properties and assets and not otherwise described above, including all license payments and payments under insurance (whether or not the Administrative Agent is the loss payee thereof) or any indemnity, warranty or guaranty payable by reason of loss or damage to or otherwise with respect to the foregoing Collateral; and

(vi)   all products, proceeds and supporting obligations of or with respect to any and all of the foregoing Collateral.

(b)   Continuing Security Interest. Each Grantor agrees that this Agreement shall create a continuing security interest in the Collateral which shall remain in effect until terminated in accordance with the Guarantee and Collateral Agreement.

SECTION 3   Supplement to Guarantee and Collateral Agreement. The terms and provisions of this Agreement are intended as a supplement to the terms and provisions of the Guarantee and Collateral Agreement. The rights and remedies of the Administrative Agent with respect to the security interests granted herein are without prejudice to, and are in addition to those set forth in the Guarantee and Collateral Agreement, all terms and provisions of which are incorporated herein by reference.

SECTION 4   Authorization to Supplement. If any Grantor shall obtain rights to any new trademarks, any new patentable inventions or become entitled to the benefit of any patent application or patent for any reissue, division, or continuation, of any patent, the provisions of this Agreement shall automatically apply thereto. To the extent required by the terms and provisions of the Guarantee and Collateral Agreement, each Grantor shall give prompt notice in writing to the Administrative Agent with respect to any such new trademarks or patents, or renewal or extension of any trademark registration. Without limiting any Grantor's obligation under this Section 4, each Grantor authorizes the Administrative Agent to modify this Agreement by amending Schedule A or Schedule B, as applicable, to include any such new patent or trademark rights. No failure to so amend Schedule A or Schedule B, as applicable, shall in any way affect, invalidate or detract from the Administrative Agent's continuing security interest in all Collateral (held for the benefit of the Secured Parties), whether or not listed on Schedule A or Schedule B.

SECTION 5   Further Acts. On a continuing basis, each Grantor shall make, execute, acknowledge and deliver, and file and record in the proper filing and recording places, all such instruments and documents, and take all such action as may be necessary or advisable or as may be requested by the Administrative Agent to carry out the intent and purposes of this Agreement, or for assuring, confirming or protecting the grant or perfection of the security interest granted or purported to be granted hereby, to ensure such Grantor's compliance with this Agreement or to enable the Administrative Agent to exercise and enforce its rights and remedies hereunder with respect to the Collateral, including any documents for filing

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with the USPTO and/or any applicable state office. The Administrative Agent may record this Agreement, an abstract thereof, or any other document describing the Administrative Agent's interest in the Collateral with the USPTO, including any modification hereof as provided above, at the expense of the Grantors.

SECTION 6   Binding Effect. This Agreement shall be binding upon, inure to the benefit of and be enforceable by each Grantor, the Administrative Agent, the other Secured Parties and their respective successors and assigns and shall bind any Person who becomes bound as a debtor to this Agreement.

SECTION 7   Governing Law. **THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES UNDER THIS AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.** This Agreement is subject to the provisions of Section 10.14 of the Credit Agreement relating to submission to jurisdiction, jury trial waiver and judicial reference, which provisions are by this reference incorporated herein, *mutatis mutandis*, as if set forth herein in full.

SECTION 8   Entire Agreement; Amendment. This Agreement contains the entire agreement of the parties with respect to the subject matter hereof and shall not be amended except by the written agreement of the parties as provided in Section 10.1 of the Credit Agreement.

SECTION 9   Severability. Whenever possible, each provision of this Agreement shall be interpreted in such manner as to be effective and valid under all applicable laws and regulations. If, however, any provision of this Agreement shall be prohibited by or invalid under any such law or regulation in any jurisdiction, it shall, as to such jurisdiction, be deemed modified to conform to the minimum requirements of such law or regulation, or, if for any reason it is not deemed so modified, it shall be ineffective and invalid only to the extent of such prohibition or invalidity without affecting the remaining provisions of this Agreement, or the validity or effectiveness of such provision in any other jurisdiction.

SECTION 10   Counterparts. This Agreement may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute but one and the same agreement. Delivery of an executed counterpart of a signature page of 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.

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IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the day and year first above written.

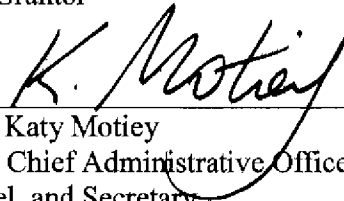AEROHIVE NETWORKS, INC.,
as the Grantor

By: _____

Name: Katy Motiey
Title: President, Chief Executive Officer, Treasurer, and Secretary

[Signature Page to Patent and Trademark Security Agreement]

EXTREME NETWORKS, INC.,
as the Grantor

By: _____
Name: Katy Motiey
Title: Chief Administrative Officer, General
Counsel, and Secretary

[Signature Page to Patent and Trademark Security Agreement]

BANK OF MONTREAL,
as the Administrative Agent

By: _____

Name: Jeff LaRue
Title: Vice President

SCHEDULE A
to the Patent and Trademark Security Agreement

U.S. PATENTS

EXTREME NETWORKS, INC.

Title	Application No. Application Date	(Publication No.) Patent No. Issue Date
Near-Uniform Load Balancing In A Visibility Network Via Usage Prediction	16344561 2017-10-19	
Correlating And Load Balancing Ims Traffic In A Visibility Network	16463481 2017-10-24	
Systems And Methods For Hardware-Implemented Anomaly Detection In Vlan Network Using Loopback Port	15894687 2018-02-12	
Systems And Methods For Bootstrapping Multicast State Without Using A Nick-Name	15966610 2018-04-30	(20190222441)
Systems And Methods For Zero-Footprint Large-Scale User-Entity Behavior Modeling	16033127 2018-07-11	(20190190791)
Ruled-Based Network Traffic Interception And Distribution Scheme	16120151 2018-08-31	(20190116133)
A Method For Intelligent Multi-Hop Overlay Routing	16126855 2018-09-10	
Systems And Methods For Determining Flow And Path Analytics Of An Application Of A Network Using Sampled Packet Inspection	16130649 2018-09-13	(20190166021)
Methods And Systems For Managing Connector Arrays	16137005 2018-09-20	(20190215585)
Traffic Deduplication in a Visibility Network	16148969 2018-10-01	(20190149437)
Automated Mirroring and Remote Switch Port Analyzer (RSPAN) Functions Using Fabric Attach (FA) Signaling	16154438 2018-10-08	(20190109902)
Configuration Of Rules In A Network Visibility System	16189827 2018-11-13	(20190082342)
Forwarding Table Management	16205538 2018-11-30	(20190173791)
Device And Related Method For Dynamic Traffic Mirroring	16260790 2019-01-29	(20190158591)
Systems, Methods, And Computer Program Products Providing Improved Latency And Bandwidth Efficiency In A Network	62809231 2019-02-22	
Method And System For Underseat Access Point (Ap)	62840898 2019-04-30	
Methods And Systems For Mitigating The Impact Of Beamforming On The Accuracy Of Wi-Fi Based Location Tracking Of Client Devices	16447178 2019-06-20	

Schedule A

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AEROHIVE NETWORKS, INC.

Title	Application No. Application Date	(Publication No.) Patent No. Issue Date
Routing method and system for a wireless network	11903443 2007-09-21	8948046 2015-02-03
Backhaul failover method and system for a wireless network	12070863 2008-02-21	7839771 2010-11-23
Predictive and nomadic roaming of wireless clients across different network subnets	12120338 2008-05-14	8218502 2012-07-10
Enhanced utilization of power over ethernet	12345629 2008-12-29	8930729 2015-01-06
Airtime-based scheduling	12356886 2009-01-21	8483194 2013-07-09
Virtualization of networking services	12357362 2009-01-21	9503354 2016-11-22
Decomposition of networking device configuration into versioned pieces each conditionally applied depending on external circumstances	12357384 2009-01-21	8259616 2012-09-04
Networking as a service: delivering network services using remote appliances controlled via a hosted, multi-tenant management system	12357390 2009-01-21	8347355 2013-01-01
Exclusive preshared key authentication	12485041 2009-06-16	9674892 2017-06-06
Intelligent sorting for N-way secure split tunnel	12649134 2009-12-29	8423631 2013-04-16
Bandwidth sentinel	12834017 2010-07-12	9900251 2018-02-20
Distributed channel selection for wireless networks	12877048 2010-09-07	9002277 2015-04-07
Client-independent network supervision application	13192325 2011-07-27	8671187 2014-03-11
Zero configuration networking on a subnetted network	13286121 2011-10-31	10091065 2018-10-02
Predictive roaming between subnets	13452437 2012-04-20	8614989 2013-12-24
Configuring network devices using compilations of coherent subsections of configuration settings	13528637 2012-06-20	8880659 2014-11-04
Predictive and nomadic roaming of wireless clients across different network subnets	13528729 2012-06-20	8483183 2013-07-09
Networking as a service	13603272 2012-09-04	8763084 2014-06-24
Multicast to unicast conversion technique	13646547 2012-10-05	8787375 2014-07-22
Intelligent sorting for N-way secure split tunnel	13849278 2013-03-22	9143466 2015-09-22
Predictive and nomadic roaming of wireless clients across different network subnets	13937676 2013-07-09	9019938 2015-04-28

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Title	Application No. Application Date	(Publication No.) Patent No. Issue Date
Airtime-based packet scheduling for wireless networks	13938159 2013-07-09	8730931 2014-05-20
Internetwork authentication	14014247 2013-08-29	9143498 2015-09-22
Split authentication network systems and methods	14027188 2013-09-14	9948626 2018-04-17
Antenna pattern matching and mounting	14078434 2013-11-12	10014915 2018-07-03
RF floor plan building	14084505 2013-11-19	10108755 2018-10-23
Assigning network device subnets to perform network activities using network device information	14102425 2013-12-10	9690676 2017-06-27
Predictive roaming between subnets	14139819 2013-12-23	9025566 2015-05-05
Building And Maintaining A Network	14158661 2014-01-17	10326707 2019-06-18
Antenna pattern matching and mounting	14175976 2014-02-07	10033112 2018-07-24
Client-independent network supervision application	14177159 2014-02-10	9282018 2016-03-08
Systems and methods for user-based network onboarding	14180297 2014-02-13	9152782 2015-10-06
Systems And Methods For Context-Based Network Data Analysis And Monitoring	14194560 2014-02-28	(20140258509)
Wireless device authentication and service access	14201336 2014-03-07	9628467 2017-04-18
Layer 7 application classification	14210211 2014-03-13	9578144 2017-02-21
Access Authorization Through Certificate Validation	14216313 2014-03-17	(20140282916)
Gateway using multicast to unicast conversion	14216566 2014-03-17	9769056 2017-09-19
Providing stateless network services	14216742 2014-03-17	9762679 2017-09-12
Managing rogue devices through a network backhaul	14216934 2014-03-17	9413772 2016-08-09
Application based data traffic routing using network tunneling	14217132 2014-03-17	9794169 2017-10-17
Preventing asymmetric routing using network tunneling	14217180 2014-03-17	9820316 2017-11-14
Airtime-based packet scheduling for wireless networks	14250294 2014-04-10	9572135 2017-02-14
Deployment of proximity beacon devices	14281124 2014-05-19	10117085 2018-10-30

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Title	Application No. Application Date	(Publication No.) Patent No. Issue Date
Multicast to unicast conversion technique	14314893 2014-06-25	9008089 2015-04-14
Network device based proximity beacon locating	14465734 2014-08-21	9992619 2018-06-05
Private simultaneous authentication of equals	14588302 2014-12-31	9473489 2016-10-18
Multicast to unicast conversion technique	14645184 2015-03-11	9565125 2017-02-07
Distributed channel selection for wireless networks	14663028 2015-03-19	9814055 2017-11-07
Predictive roaming between subnets	14686665 2015-04-14	9590822 2017-03-07
Predictive and nomadic roaming of wireless clients across different network subnets	14697379 2015-04-27	9338816 2016-05-10
Proximity beacon management using a network device	14715263 2015-05-18	9813862 2017-11-07
Internetwork authentication	14820251 2015-08-06	9473484 2016-10-18
Polarized antenna	29538311 2015-09-02	D823284 2018-07-17
Single band dual concurrent network device	14845006 2015-09-03	9705207 2017-07-11
Intelligent sorting for N-way secure split tunnel	14860651 2015-09-21	9762541 2017-09-12
User-based network onboarding	14868347 2015-09-28	9479540 2016-10-25
Meeting Based Credential Provisioning	14883425 2015-10-29	(20170124519)
Hybrid low power network device	14951395 2015-11-24	9826479 2017-11-21
BYOD credential management	15053298 2016-02-25	10341320 2019-07-02
Client-independent network supervision application	15058760 2016-03-02	9699055 2017-07-04
Single band dual concurrent network device	15066955 2016-03-10	9812791 2017-11-07
Predictive and nomadic roaming of wireless clients across different network subnets	15069840 2016-03-14	9787500 2017-10-10
Chromebook credential management	15073503 2016-03-17	10219151 2019-02-26
Managing rogue devices through a network backhaul	15176112 2016-06-07	10027703 2018-07-17
User-based network onboarding	15183753 2016-06-15	9686319 2017-06-20

Schedule A

Title	Application No. Application Date	(Publication No.) Patent No. Issue Date
Private simultaneous authentication of equals	15238512 2016-08-16	9774593 2017-09-26
Internetwork authentication	15239470 2016-08-17	9762579 2017-09-12
Airtime-based packet scheduling for wireless networks	15243720 2016-08-22	9867167 2018-01-09
Network Device Selective Synchronization	15262707 2016-09-12	10321306 2019-06-11
Iot Device Management Using Multi-Protocol Infrastructure Network Devices	15277133 2016-09-27	(20180092151)
Selective Policy Network Device Operation	15282064 2016-09-30	(20180097911)
Virtualization of networking services	15349212 2016-11-11	9762442 2017-09-12
Multicast to unicast conversion technique	15381727 2016-12-16	9729463 2017-08-08
Predictive roaming between subnets	15412949 2017-01-23	10064105 2018-08-28
Layer 7 application classification	15414258 2017-01-24	9923843 2018-03-20
Iot Device Fog Networking Operation	15428049 2017-02-08	(20180227199)
Wireless Device Authentication And Service Access	15431622 2017-02-13	(20170155641)
Network Service Access Characteristics Specific Client Steering	15439874 2017-02-22	(20180242332)
Current Configuration State Specific Device Configuration	15455079 2017-03-09	(20180262394)
Assigning network device subnets to perform network activities using network device information	15460473 2017-03-16	9965366 2018-05-08
User-based network onboarding	15480273 2017-04-05	10003615 2018-06-19
Exclusive Preshared Key Authentication	15496522 2017-04-25	(20170230824)
Single Band Dual Concurrent Network Device	15622003 2017-06-13	10003134 2018-06-19
Seamless Wireless Device Onboarding	15623122 2017-06-14	(20170359332)
Multicast to unicast conversion technique	15626365 2017-06-19	10205604 2019-02-12
Private simultaneous authentication of equals	15629331 2017-06-21	9853967 2017-12-26
Polarized antenna	29608596 2017-06-22	D823837 2018-07-24

Schedule A

Title	Application No. Application Date	(Publication No.) Patent No. Issue Date
Distributed Channel Selection For Wireless Networks	15634986 2017-06-27	(20170295586)
Internetwork authentication	15645711 2017-07-10	9979727 2018-05-22
Providing stateless network services	15666389 2017-08-01	10230802 2019-03-12
Gateway Using Multicast To Unicast Conversion	15673216 2017-08-09	10355977 2019-07-16
Intelligent sorting for N-way secure split tunnel	15682322 2017-08-21	10116624 2018-10-30
Predictive and nomadic roaming of wireless clients across different network subnets	15683015 2017-08-22	10181962 2019-01-15
Intelligent network access mode configuration based on usage conditions	15723114 2017-10-02	10237129 2019-03-19
Single band dual concurrent network device	15791235 2017-10-23	10193239 2019-01-29
Proximity Beacon Management Using A Network Device	15792694 2017-10-24	(20180048999)
Hybrid low power network device	15816891 2017-11-17	10231180 2019-03-12
Private simultaneous authentication of equals	15845994 2017-12-18	10154027 2018-12-11
Airtime-based packet scheduling for wireless networks	15865027 2018-01-08	10219254 2019-02-26
Assigning Network Device Subnets To Perform Network Activities Using Network Device Information	15885625 2018-01-31	(20180157564)
Layer 7 Application Classification	15921117 2018-03-14	(20180205674)
Split Authentication Network Systems And Methods	15922019 2018-03-15	(20180205717)
Internetwork authentication	15962816 2018-04-25	10243956 2019-03-26
Routing Method And System For A Wireless Network	15969572 2018-05-02	(20180249393)
Network device based proximity beacon locating	15976596 2018-05-10	10123168 2018-11-06
User-Based Network Onboarding	15977310 2018-05-11	10320847 2019-06-11
Single Band Dual Concurrent Network Device	16001200 2018-06-06	(20180287267)
Managing Rogue Devices Through A Network Backhaul	16010288 2018-06-15	(20180302432)
Antenna pattern matching and mounting	16018939 2018-06-26	10298296 2019-05-21

Schedule A

Title	Application No. Application Date	(Publication No.) Patent No. Issue Date
Antenna Pattern Matching And Mounting	16041677 2018-07-20	10348372 2019-07-09
Predictive Roaming Between Subnets	16056489 2018-08-06	(20180343145)
Zero Configuration Networking On A Subnetted Network	16150221 2018-10-02	(20190044822)
Deployment Of Proximity Beacon Drives	16174258 2018-10-29	(20190069158)
Intelligent Sorting For N-Way Secure Split Tunnel	16175680 2018-10-30	(20190132287)
Private Simultaneous Authentication Of Equals	16215577 2018-12-10	(20190124069)
Predictive And Nomadic Roaming Of Wireless Clients Across Different Network Subnets	16248723 2019-01-15	(20190165969)
Single Band Dual Concurrent Network Device	16260073 2019-01-28	(20190157774)
Multicast to Unicast Conversion Technique	16274115 2019-02-12	(20190190735)
Chromebook Credential Management	16286581 2019-02-26	(20190200219)
Providing Stateless Network Service	16289634 2019-02-28	(20190199805)
Intelligent Network Access Mode Configuration Based on Usage Conditions	16289642 2019-02-28	(20190199586)
Hybrid Low Power Network Device	16289655 2019-02-28	(20190200290)

Schedule A

SCHEDULE B
to the Patent and Trademark Security Agreement

U.S. TRADEMARKS

EXTREME NETWORKS, INC.

Mark	International Class(es)	Application No. Filing Date	Registration No. Registration Date
ALPINE	9	76041456 05-MAY-2000	2728532 24-JUN-2003
EXTREMEWARE	9	75340385 13-AUG-1997	2402347 07-NOV-2000
STACKSTORM	9, 42	86197433 19-FEB-2014	4960698 17-MAY-2016

AEROHIVE NETWORKS, INC.

Mark	International Class(es)	Application No. Filing Date	Registration No. Registration Date
A3	9, 42	88262892 15-JAN-2019	
ADVANTAGEMSP	38, 42	87072914 15-JUN-2016	5360758 19-DEC-2017
AEROHIVE	9	77123758 06-MAR-2007	3473127 22-JUL-2008
AEROHIVE CONNECT	42	87371046 14-MAR-2017	5301238 03-OCT-2017
AEROHIVE SELECT	42	87643918 12-OCT-2017	5469364 15-MAY-2018
Design Only	9, 42	86240546 02-APR-2014	4640544 18-NOV-2014
Design Only	9, 37, 38, 41, 42	87807797 22-FEB-2018	5764793 28-MAY-2019
HIVECARE	41, 42	86544742 24-FEB-2015	4952684 03-MAY-2016
HIVECARE CONNECT	37, 38, 42	87371055 14-MAR-2017	5483729 05-JUN-2018
HIVECARE SELECT	37, 42	87643913 12-OCT-2017	5568685 25-SEP-2018

Schedule B

TRADEMARK
REEL: 006717 FRAME: 0477

Mark	International Class(es)	Application No. Filing Date	Registration No. Registration Date
HIVEMANAGER	9	77123836 06-MAR-2007	3473130 22-JUL-2008
HIVEMANAGER CONNECT	42	87371061 14-MAR-2017	5301239 03-OCT-2017
HIVENATION	38, 42	87320815 01-FEB-2017	5294841 26-SEP-2017
HIVEOS	9	77123803 06-MAR-2007	3473128 22-JUL-2008

Schedule B