TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM349230

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
EXTREME NETWORKS, INC.		07/24/2015	CORPORATION: DELAWARE

RECEIVING PARTY DATA

Name:	SILICON VALLEY BANK
Street Address:	3003 Tasman Drive
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054
Entity Type:	CORPORATION: CALIFORNIA

PROPERTY NUMBERS Total: 4

Property Type	Number	Word Mark
Registration Number:	3379396	EXTREMEXOS
Registration Number:	2243238	EXTREME NETWORKS
Registration Number:	3840628	EXTREME NETWORKS
Registration Number:	2365696	SUMMIT

CH $115.00 3379396

CORRESPONDENCE DATA

Fax Number: 4152687522

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.

Email: bkemp@mofo.com
Correspondent Name: Lynn M. Humphreys | Morrison & Foerster
Address Line 1: 425 Market St.
Address Line 4: San Francisco, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	27292.48
NAME OF SUBMITTER:	Lynn M. Humphreys
SIGNATURE:	/Lynn M. Humphreys/
DATE SIGNED:	07/24/2015

Total Attachments: 26
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PATENT AND TRADEMARK SECURITY AGREEMENT

THIS PATENT AND TRADEMARK SECURITY AGREEMENT (this "***Agreement***"), dated as of July 24, 2015, is made between EXTREME NETWORKS, INC., a Delaware corporation (the "***Grantor***"), and SILICON VALLEY BANK, a California corporation, 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. The Grantor, certain financial institutions as lenders (the "***Lenders***") and the Administrative Agent are parties to that certain Credit Agreement, dated as of March 20, 2014 (as (a) amended by that certain amendment letter agreement dated as of March 20, 2014, (b) further amended by that certain Second Amendment Agreement dated as of November 18, 2014, (c) further amended by that certain Third Amendment to Credit Agreement and First Amendment to Guarantee and Collateral Agreement dated as of June 26, 2015 and (d) further amended, modified, renewed or extended from time to time after the date hereof, the "***Credit Agreement***").

B. The Grantor, Enterasys Networks, Inc., a Delaware corporation, and the Administrative Agent are also parties to that certain Guarantee and Collateral Agreement, dated as of March 20, 2014 (as (a) amended by that certain Third Amendment to Credit Agreement and First Amendment to Guarantee and Collateral Agreement dated as of June 26, 2015 and (b) further amended, modified, renewed or extended from time to time after the date hereof, the "***Guarantee and Collateral Agreement***").

C. Pursuant to the terms of the Guarantee and Collateral Agreement, the Grantor has granted to the Administrative Agent (for the benefit of the Secured Parties (as defined in the Credit Agreement)) a security interest in substantially all of the Grantor's present and future personal property assets, including certain Intellectual Property of the Grantor identified below, to secure the Secured Obligations (as defined in the Guarantee and Collateral Agreement).

D. To supplement the Administrative Agent's security interest in such Intellectual Property (held for the benefit of the Secured Parties (as defined in the Credit Agreement)) pursuant to the Guarantee and Collateral Agreement, the Grantor is executing and delivering this Agreement.

Accordingly, the parties hereto agree as follows:

SECTION 1 Definitions; Interpretation.

(a) Terms Defined in 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, the Grantor hereby grants, assigns, and conveys to the Administrative Agent (for the benefit of the Secured Parties), a security interest in all of the 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 the 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; provided that the Collateral shall not include any such patent that constitutes an Excluded Patent (as defined in the Guarantee and Collateral Agreement);

(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 the 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. The 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 the 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, the 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 the Grantor's obligation under this Section 4, the 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, the 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 the 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 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 Grantor.

SECTION 6 Binding Effect. This Agreement shall be binding upon, inure to the benefit of and be enforceable by the 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 CALIFORNIA.** 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.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement, as of the date first above written.

GRANTOR:

EXTREME NETWORKS, INC.

By:_____

Name: Allison Amadia

Title: EVP, General Counsel & Corporate Secretary

ADMINISTRATIVE AGENT:

SILICON VALLEY BANK

By:_____

Name:_____

Title:_____

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement, as of the date first above written.

GRANTOR:

EXTREME NETWORKS, INC.

By:_____

Name:_____

Title:_____

ADMINISTRATIVE AGENT:

SILICON VALLEY BANK

By: Stephen Chang

Name: STEPHEN CHANG

Title: VICE PRESIDENT

SCHEDULE A
to the Patent and Trademark Security Agreement

EXTREME NETWORKS, INC.

Issued U.S. Patents of the Grantor

Jurisdiction	Patent No.	Issue Date	Inventor	Title
USA	7017082	21-Mar-06	YIP MIKE	METHOD AND SYSTEM FOR A PROCESS MANAGER
USA	7376951	20-May-08	YIP MICHAEL	METHOD AND APPARATUS FOR CONTROLLING PROCESS DEPENDENCIES
USA	7660259	9-Feb-10	GROSSER DONALD B	METHODS AND SYSTEMS FOR HYBRID HARDWARE AND SOFTWARE-BASED MEDIA ACCESS CONTROL (MAC) ADDRESS LEARNING
USA	8117336	14-Feb-12	DERNOSEK LOUIS A	METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING ACCIDENTAL STACK JOIN PROTECTION
USA	7453874	18-Nov-08	NGUYEN KHA H	METHOD AND SYSTEM FOR INCREMENTALLY UPDATING A CHECKSUM IN A NETWORK DATA PACKET
USA	6766482	20-Jul-04	YIP MICHAEL	ETHERNET AUTOMATIC PROTECTION SWITCHING
USA	7003705	21-Feb-06	YIP MICHAEL	ETHERNET AUTOMATIC PROTECTION SWITCHING
USA	8107383	31-Jan-12	KASHYAP PRAKASH	REDUCING TRAFFIC LOSS IN AN EAPS SYSTEM
USA	8174980	8-May-12	FORD JEFFREY A	METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR DYNAMICALLY RATE LIMITING SLOWPATH

				PROCESSING OF EXCEPTION PACKETS
USA	7990850	2-Aug-11	STOKES OLEN L	REDUNDANT ETHERNET AUTOMATIC PROTECTION SWITCHING ACCESS TO VIRTUAL PRIVATE LAN SERVICES
USA	8797849	5-Aug-14	STOKES OLEN L	REDUNDANT ETHERNET AUTOMATIC PROTECTION SWITCHING ACCESS TO VIRTUAL PRIVATE LAN SERVICES
USA	7362700	22-Apr-08	FRICK JOHN KEVIN	METHODS AND SYSTEMS FOR HITLESS RESTART OF LAYER 3 PACKET FORWARDING
USA	8520507	27-Aug-13	SHAH, SUNIL	ETHERNET AUTOMATIC PROTECTION SWITCHING.
USA	7606240	20-Oct-09	SHAH SUNIL P	ETHERNET AUTOMATIC PROTECTION SWITCHING
USA	7483370	27-Jan-09	DAYAL RANA	METHODS AND SYSTEMS FOR HITLESS SWITCH MANAGEMENT MODULE FAILOVER AND UPGRADE
USA	7539750	26-May-09	PARKER DAVID K	SYSTEM AND METHOD FOR PACKET PROCESSOR STATUS MONITORING
USA	7894451	22-Feb-11	PARKER DAVID K	METHOD OF PROVIDING VIRTUAL ROUTER FUNCTIONALITY
USA	8605732	10-Dec-13	PARKER DAVID K	METHOD OF PROVIDING VIRTUAL ROUTER FUNCTIONALITY
USA	7823199	26-Oct-10	RATHI MANISH M	METHOD AND SYSTEM FOR DETECTING AND PREVENTING ACCESS INTRUSION IN A NETWORK
USA	8255996	28-Aug-12	ELROD CRAIG T	NETWORK THREAT DETECTION AND MITIGATION
USA	8615785	24-Dec-13	ELROD CRAIG T	NETWORK THREAT DETECTION AND MITIGATION
USA	8135007	13-Mar-12	KASRALIKAR RAHUL S	METHOD AND SYSTEM FOR REDIRECTING OF PACKETS TO AN INTRUSION PREVENTION SERVICE IN A NETWORK SWITCH

USA	7912091	22-Mar-11	KRISHNAN RAM	TRAFFIC FORWARDING IN A TRAFFIC-ENGINEERED LINK AGGREGATION GROUP
USA	8730963	20-May-14	Grosser, Don	METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR IMPROVED MULTI-SWITCH LINK AGGREGATION GROUP (MLAG) CONVERGENCE
USA	8233474	31-Jul-12	HEATH GREGORY R	COMMUNICATION OF LOCATION INFORMATION FOR AN IP TELEPHONY COMMUNICATION DEVICE
USA	6618388	9-Sep-03	YIP, M	METHOD AND SYSTEM FOR VMAN PROTOCAL
USA	7415016	19-Aug-08	YIP; MICHAEL	METHOD AND SYSTEM FOR VMAN PROTOCOL LAYER-2 PACKET NESTED ENCAPSULATION
USA	6912592	28-Jun-05	YIP MICHAEL	METHOD AND SYSTEM TO AGGREGATE MULTIPLE PLANS IN A METROPOLITAN AREA NETWORK
USA	6930985	16-Aug-05	RATHI MANISH	METHOD AND APPARATUS FOR MANAGEMENT OF CONFIGURATION IN A NETWORK
USA	6981174	27-Dec-05	HANNING, GARY	METHOD AND APPARATUS FOR A REDUNDANT PORT.
USA	7111017	19-Sep-06	FOROOD, NATALIE	DYNAMIC DEVICE MANAGEMENT AND DEPLOYMENT.
USA	7783733	24-Aug-10	YIP MICHAEL	METHOD AND APPARATUS FOR DYNAMIC CONFIGURATION MANAGEMENT
USA	7689678	30-Mar-10	YIP MICHAEL	METHOD AND APPARATUS FOR RESTORING THE CONFIGURATION OF A NETWORK DEVICE
USA	7290263	30-Oct-07	YIP MICHAEL	METHOD AND SYSTEM FOR A SCRIPTABLE COMMAND LINE INTERFACE
USA	7343597	11-Mar-08	SMITH RICHARD J	METHODS AND APPARATUS FOR COMMUNICATION BETWEEN AN APPLICATION AND A DEVICE

USA	7389505	17-Jun-08	BERENBERG, ANNA	METHOD AND APPARATUS FOR MODIFYING SOFTWARE
USA	7657635	2-Feb-10	YIP, MICHAEL	METHOD AND APPARATUS FOR CONVERTING NETWORK MANAGEMENT PROTOCOL TO MARKUP LANGUAGE.
USA	8775571	8-Jul-14	SRINIVASAN BALAJI	METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR DYNAMIC NETWORK ACCESS DEVICE PORT AND USER DEVICE CONFIGURATION F
USA	7149217	12-Dec-06	ALEXANDER CEDELL	LOAD-SHARING TECHNIQUE FOR DISTRIBUTING MULTI-PROTOCOL LABEL SWITCHING PROTOCOL ENCAPSULATED FLOWS ACROSS MULTIPLE PHY
USA	6977891	20-Dec-05	RANJAN ASHISH	METHOD AND SYSTEM FOR MULTICAST TRAFFIC REDUCTION
USA	7856019	21-Dec-10	SHAH SUNIL P	CONVERGENCE OF MULTICAST TRAFFIC
USA	7577996	18-Aug-09	MERCHANT SHEHZAD T	APPARATUS, METHOD AND SYSTEM FOR IMPROVING NETWORK SECURITY
USA	7568107	28-Jul-09	RATHI MANISH	METHOD AND SYSTEM FOR AUTO DISCOVERY OF AUTHENTICATOR FOR NETWORK LOGIN
USA	7404091	22-Jul-08	GERE DAVID S	METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING POWER ALLOCATION TO A DEVICE POWERED OVER A NETWORK COMMUNICATIONS CABLE BASED ON A CABLE CHARACTERTISTIC
USA	8464312	11-Jun-13	SCHNEIDER HERB	INTEGRATED NETWORK POLICY ENFORCEMENT
USA	6104700	15-Aug-00	HADDOCK STEPHEN R	POLICY BASED QUALITY OF SERVICE
USA	6678248	13-Jan-04	HADDOCK, S	POLICY BASED QUALITY OF SERVICE
USA	6859438	22-Feb-05	HADDOCK STEPHEN R	POLICY BASED QUALITY OF

				SERVICE
USA	6647413	11-Nov-03	JEAN WALRAND	METHOD AND APPARATUS FOR MEASURING PERFORMANCE IN PACKET-SWITCHED NETWORKS
USA	7408876	5-Aug-08	GUPTA RAJARSHI	METHOD AND APPARATUS FOR PROVIDING QUALITY OF SERVICE ACROSS A SWITCHED BACKPLANE BETWEEN EGRESS QUEUE MANAGERS
USA	7599292	6-Oct-09	GUPTA RAJARSHI	METHOD AND APPARATUS FOR PROVIDING QUALITY OF SERVICE ACROSS A SWITCHED BACKPLANE BETWEEN EGRESS AND INGRESS QUEUE MAN
USA	7286552	23-Oct-07	GUPTA; RAJARSHI	METHOD AND APPARATUS FOR PROVIDING QUALITY OF SERVICE ACROSS A SWITCHED BACKPLANE FOR MULTICAST PACKETS
USA	8274974	25-Sep-12	GUPTA; RAJARSHI	METHOD AND APPARATUS FOR PROVIDING QUALITY OF SERVICE ACROSS A SWITCHED BACKPLANE FOR MULTICAST PACKETS
USA	6970426	29-Nov-05	HADDOCK STEPHEN	RATE COLOR MARKER
USA	7619971	17-Nov-09	SIVA MEERA	METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR ALLOCATING EXCESS BANDWIDTH OF AN OUTPUT AMONG NETWORK USERS
USA	7719968	18-May-10	SWENSON ERIK	MULTI-PRIORITY MULTI-COLOR MARKERS FOR TRAFFIC METERING
USA	6954436	11-Oct-05	YIP MICHAEL	METHOD AND APPARATUS FOR SELECTING REDUNDANT ROUTERS USING TRACKING
USA	7581024	25-Aug-09	YIP MICHAEL	METHOD AND SYSTEM FOR INCREASING PARTICIPATION IN A STANDBYROUTER PROTOCOL
USA	7245619	17-Jul-07	GUAN TAO	METHOD AND APPARATUS FOR

				MANAGING ROUTES
USA	7724734	25-May-10	GROSSER DONALD B	METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR CONTROLLING UPDATING OF A LAYER 3 HOST TABLE BASED ON PACKET FORWA
USA	7843927	30-Nov-10	GROSSER DONALD B	METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR ROUTING PACKETS AT A MULTI-MODE LAYER 3 PACKET FORWARDING DEVICE
USA	7936764	3-May-11	KRISHNAN RAM	METHOD FOR OPTIMIZING IP ROUTE TABLE SIZE THROUGH IP ROUTE AGGREGATION
USA	7710993	4-May-10	BURTON III CHARLES F	PSEUDO WIRE PROCESSING IN A PACKET FORWARDING DEVICE
USA	8437359	7-May-13	BURTON III CHARLES F	PSEUDO WIRE PROCESSING IN A PACKET FORWARDING DEVICE
USA	8331373	11-Dec-12	GROSSER DONALD B	METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR AUTOMATICALLY SELECTING BETWEEN INTERNET PROTOCOL SWITCHING MODES ON
USA	8660118	25-Feb-14	GROSSER DONALD B	METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR NEXT HOP SCALING
USA	8605726	10-Dec-13	GROSSER DONALD B	METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR NEXT HOP SCALING WITH LINK AGGREGATION
USA	7602721	13-Oct-09	TANGIRALA RAVI	METHODS AND SYSTEMS FOR FINE GRAIN BANDWIDTH ALLOCATION IN A SWITCHED NETWORK ELEMENT
USA	8055800	8-Nov-11	TIMOTHY BARZIL	ENFORCING HOST ROUTING SETTINGS ON A NETWORK DEVICE
USA	7245629	17-Jul-07	YIP MICHAEL	METHOD AND APPARATUS FOR A CONTROL COMMUNICATION

				CHANNEL IN A PACKET-FORWARDING DEVICE
USA	7334048	19-Feb-08	GUAN TAO	METHOD AND APPARATUS FOR FAST ROUTE TABLE UPDATE
USA	7646773	12-Jan-10	NA, JING	FORWARDING DATABASE IN A NETWORK SWITCH DEVICE
USA	7580409	25-Aug-09	SWENSON ERIK R	SYSTEM FOR AND METHOD OF COMMUNICATING CONTROL INFORMATION BETWEEN ENTITIES INTERCONNECTED BY BACKPLANE CONNECTIONS
USA	7292591	6-Nov-07	PARKER DAVID K	PACKET PROCESSING SYSTEM ARCHITECTURE AND METHOD
USA	7675915	9-Mar-10	PARKER DAVID K	PACKET PROCESSING SYSTEM ARCHITECTURE AND METHOD
USA	7613209	3-Nov-09	NGUYEN KHA H	SYSTEM AND METHOD FOR EGRESS PACKET MARKING
USA	7668969	23-Feb-10	KASHYAP PRAKASH M	RULE STRUCTURE FOR PERFORMING NETWORK SWITCH FUNCTIONS
USA	7860006	28-Dec-10	KASHYAP PRAKASH M	INTEGRATED METHODS OF PERFORMING NETWORK SWITCH FUNCTIONS
USA	8059658	15-Nov-11	ROVNER EDWARD J	METHOD AND SYSTEM FOR AUTOMATIC EXPANSION AND CONTRACTION OF IP HOST FORWARDING DATABASE
USA	7903666	8-Mar-11	KUMAR DILIP	METHOD AND SYSTEM FOR COMPRESSING ROUTE ENTRIES IN A ROUTE TABLE BASED ON EQUAL-COST MULTI-PATHS (ECMPS) MATCHES
USA	8204070	19-Jun-12	GHAIBEH GIHAD	BACKPLANE DEVICE FOR NON-BLOCKING STACKABLE SWITCHES
USA	7983192	19-Jul-11	GHAIBEH GIHAD	METHOD, APPARATUS AND SYSTEM FOR A STACKABLE ETHERNET SWITCH
USA	8208418	26-Jun-12	GROSSER JR DONALD B	METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA

				FOR CONSERVING MULTICAST PORT LIST RESOURCES IN AN INTERNET PROTOCOL (IP) PACKET FORWARDING DEVICE
USA	8369344	5-Feb-13	KRISHNAN RAM	CUSTOMER ISOLATION USING A COMMON FORWARDING DATABASE WITH HARDWARE LEARNING SUPPORT
USA	8160074	17-Apr-12	KRISHNAN RAM	OPTIMAL READING OF FORWARDING DATABASE FROM HARDWARE
USA	8442030	14-May-13	DENNISON LARRY R	SOFTWARE CONTROL PLANE FOR SWITCHES AND ROUTERS
USA	8000344	16-Aug-11	FRICK J KEVIN	METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR TRANSMITTING AND RECEIVING LAYER 2 FRAMES ASSOCIATED WITH DIFFEREN
USA	8705532	22-Apr-14	GROSSER DONALD B	METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR SELECTIVE LAYER 2 PORT BLOCKING USING LAYER 2 SOURCE ADDRESSES
USA	7733899	8-Jun-10	GROSSER DONALD B	METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR RATE-BASED DISTRIBUTION OF LAYER 2 PACKETS FOR IN-LINE PROCESSING
USA	7126923	24-Oct-06	YANG XUGUANG	METHOD AND SYSTEM FOR INTER-DOMAIN LOOP PROTECTION USING A HIERARCHY OF LOOP RESOLVING PROTOCOLS
USA	7154861	26-Dec-06	MERCHANT, SHEHZAD T	METHOD AND SYSTEM FOR A VIRTUAL LOCAL AREA NETWORK TO SPAN MULTIPLE LOOP FREE NETWORK TOPOLOGY DOMAINS.
USA	7269135	11-Sep-07	FRICK JOHN KEVIN	METHODS AND SYSTEMS FOR PROVIDING REDUNDANT CONNECTIVITY ACROSS A

				NETWORK USING A TUNNELING PROTOCOL
USA	7672228	2-Mar-10	SENEVIRATHNE TISSA	SYSTEM AND METHOD FOR NETWORK LOOP DETECTION AND RECOVERY
USA	7752338	6-Jul-10	LU ZIHONG	RING TOPOLOGY DISCOVERY
USA	8583833	12-Nov-13	LU ZIHONG	RING TOPOLOGY DISCOVERY
USA	8159936	17-Apr-12	KRISHNAN RAM	NETWORK CONVERGENCE IN RESPONSE TO A TOPOLOGY CHANGE
USA	8279874	2-Oct-12	LU ZIHONG	SELF-CONFIGURING NETWORK
USA	7657619	2-Feb-10	YANG XUGUANG	METHOD AND SYSTEM FOR MAINTAINING A LOOP-FREE TOPOLOGY ACROSS MULTIPLE SPANNING TRESS IN A VIRTUAL LOCAL AREA NETWORK
USA	7817633	19-Oct-10	PARKER DAVID K	METHOD OF PROVIDING VIRTUAL ROUTER FUNCTIONALITY THROUGH ABSTRACTED VIRTUAL IDENTIFIERS
USA	7822033	26-Oct-10	PARKER DAVID K	MAC ADDRESS DETECTION DEVICE FOR VIRTUAL ROUTERS
USA	6914905	5-Jul-05	YIP MICHAEL	METHOD AND SYSTEM FOR VLAN AGGREGATION
USA	7792058	7-Sep-10	YIP MICHAEL	METHOD AND SYSTEM FOR VLAN AGGREGATION
USA	7558273	7-Jul-09	GROSSER DONALD B	METHODS AND SYSTEMS FOR ASSOCIATING AND TRANSLATING VIRTUAL LOCAL AREA NETWORK (VLAN) TAGS
USA	7499679	3-Mar-09	YANG JAMES	WIRELESS NETWORK ACCESS POINT AND SENSOR
USA	7310664	18-Dec-07	MERCHANT SHEHZAD T	UNIFIED ADAPTIVE NETWORK ARCHITECTURE
USA	6597584	22-Jul-03	RAY, B	EJECTOR ASSEMBLY
USA	7321926	22-Jan-08	ZHANG HUI	METHOD OF AND SYSTEM FOR ALLOCATING RESOURCES TO RESOURCE REQUESTS
USA	7448045	4-Nov-08	LU ZIHONG	METHOD AND APPARATUS TO

				EXTEND A PROGRAM
USA	7447777	4-Nov-08	SINGH AHUJA RATINDER	METHOD OF AND SYSTEM FOR ALLOCATING RESOURCES TO RESOURCE REQUESTS BASED ON APPLICATION OF PERSISTENCE POLICIES
USA	7584262	1-Sep-09	SINGH AHUJA RATINDER	METHOD OF AND SYSTEM FOR ALLOCATING RESOURCES TO RESOURCE REQUESTS BASED ON APPLICATION OF PERSISTENCE POLICIES
USA	7814204	12-Oct-10	SINGH AHUJA RATINDER	METHOD OF AND SYSTEM FOR ALLOCATING RESOURCES TO RESOURCE REQUESTS BASED ON APPLICATION OF PERSISTENCE POLICIES
USA	8412838	2-Apr-13	SINGH AHUJA RATINDER	METHOD OF AND SYSTEM FOR ALLOCATING RESOURCES TO RESOURCE REQUESTS BASED ON APPLICATION OF PERSISTENCE POLICIES
USA	7298746	20-Nov-07	SINGH AHUJA RATINDER	METHOD OF AND SYSTEM FOR ALLOCATING RESOURCES TO RESOURCE REQUESTS BASED ON APPLICATION OF PERSISTENCE POLICIES
USA	8560693	15-Oct-13	SINGH AHUJA RATINDER	METHOD OF AND SYSTEM FOR ALLOCATING RESOURCES TO RESOURCE REQUESTS BASED ON APPLICATION OF PERSISTENCE POLICIES
USA	7660894	9-Feb-10	CARRIE SUSAN E	CONNECTION PACER AND METHOD FOR PERFORMING CONNECTION PACING IN A NETWORK OF SERVERS AND CLIENTS USING FIFO BUFFERS
USA	7817549	19-Oct-10	KASRALIKAR RAHUL	FLEXIBLE FLOW-AGING MECHANISM
USA	6034957	7-Mar-00	HADDOCK, SR	SLICED COMPARISON ENGINE ARCHITECTURE AND METHOD

				FOR A LAN SWITCH
USA	7185216	27-Feb-07	BHANDARI NITIN	SOURCE SYNCHRONOUS DATA INTERFACE
USA	7047515	16-May-06	VITEK; CLARK	METHOD FOR SELECTING AND PLACING BYPASS CAPACITORS ON MULTI-LAYER PRINTED CIRCUIT BOARDS
USA	7366935	29-Apr-08	SWENSON ERIK R	HIGH SPEED BUS WITH ALIGNMENT, RE-TIMING AND BUFFER UNDERFLOW/OVERFLOW DETECTION ENHANCEMENTS
USA	7546480	9-Jun-09	SWENSON ERIK R	HIGH SPEED BUS WITH ALIGNMENT, RE-TIMING AND BUFFER UNDERFLOW/OVERFLOW DETECTION ENHANCEMENTS
USA	8464093	11-Jun-13	SWENSON ERIK R	MEMORY ARRAY ERROR CORRECTION
USA	6956816	18-Oct-05	ALEXANDER CEDELL A	FAULT TOLERANT AUTOMATIC PROTECTION SWITCHING FOR DISTRIBUTED ROUTERS
USA	7272672	18-Sep-07	SWENSON ERIK R	HIGH SPEED BUS WITH FLOW CONTROL AND EXTENDED BURST ENHANCEMENTS
USA	7724669	25-May-10	SWENSON ERIK R	HIGH SPEED BUS WITH FLOW CONTROL AND EXTENDED BURST ENHANCEMENTS
USA	8117657	14-Feb-12	ELROD CRAIG T	DETECTION AND MITIGATION OF RAPIDLY PROPAGATING THREATS FROM P2P, IRC AND GAMING
USA	6980550	27-Dec-05	YIP, MICHAEL	METHOD AND APPARATUS FOR SERVER LOAD BALANCING
USA	7400647	15-Jul-08	CIMINO DANIEL J	LOOK UP TABLE (LUT) FOR POINT-TO-POINT PROTOCOL IDENTIFICATION (PPP ID)
USA	7944942	17-May-11	CIMINO DANIEL J	LOOK UP TABLE (LUT) FOR POINT-TO-POINT PROTOCOL IDENTIFICATION (PPP ID)
USA	7552275	23-Jun-09	KRISHNAN RAM	METHOD OF PERFORMING TABLE LOOKUP OPERATION WITH TABLE INDEX THAT EXCEEDS CAM KEY

				SIZE
USA	7908431	15-Mar-11	KRISHNAN RAM	METHOD OF PERFORMING TABLE LOOKUP OPERATION WITH TABLE INDEX THAT EXCEEDS CAM KEY SIZE
USA	8139583	20-Mar-12	BURTON III CHARLES F	COMMAND SELECTION IN A PACKET FORWARDING DEVICE
USA	7349228	25-Mar-08	RAY BRIAN J	EJECTOR ASSEMBLY FOR RACK-MOUNTED COMPUTING DEVICES
USA	7119280	10-Oct-06	RAY BRIAN J	SYSTEM AND METHOD FOR CABLE MANAGEMENT ON RACK MOUNTED INSTALLATIONS
USA	6963311	8-Nov-05	ENNS FREDERICK	APPARATUS AND METHOD FOR LOCKING AN ANTENNA INTO POSITION
USA	7142509	28-Nov-06	ROVNER EDWARD JOEL	METHOD AND APPARATUS PROVIDING FOR DELIVERY OF STREAMING MEDIA
USA	6907466	14-Jun-05	ALEXANDER JR CEDELL	METHODS AND SYSTEMS FOR EFFICIENTLY DELIVERING DATA TO A PLURALITY OF DESTINATIONS IN A COMPUTER NETWORK
USA	7773507	10-Aug-10	KASRALIKAR RAHUL	AUTOMATIC TIERED SERVICES BASED ON NETWORK CONDITIONS
USA	7835348	16-Nov-10	KASRALIKAR RAHUL	METHOD AND APPARATUS FOR DYNAMIC ANOMALY-BASED UPDATES TO TRAFFIC SELECTION POLICIES IN A SWITCH
USA	6023471	8-Feb-00	HADDOCK, S R	NETWORK INTERCONNECT DEVICE AND PROTOCOL FOR COMMUNICATING DATA AMONG PACKET FORWARDING DEVICES
USA	5974467	26-Oct-99	HADDOCK, S.	PROTOCOL FOR COMMUNICATING DATA BETWEEN PACKET FORWARDING DEVICES VIA AN INTERMEDIATE NETWORK INTERCONNECT DEVICE
USA	6714517	30-Mar-04	FAWAZ AYMAN	METHOD AND APPARATUS FOR

				INTERCONNECTION OF PACKET SWITCHES WITH GUARANTEED BANDWIDTH
USA	6654374	25-Nov-03	AYMAN FAWAZ	METHOD AND APPARATUS TO REDUCE JITTER IN PACKET SWITCHED NETWORKS
USA	6711125	23-Mar-04	WALRAND JEAN	PROVISIONING NETWORKS FOR RELIABLE QUALITY OF SERVICE
USA	7046665	16-May-06	WALRAND JEAN	PROVISIONAL IP-AWARE VIRTUAL PATHS OVER NETWORKS
USA	6674760	6-Jan-04	WALRAND, JEAN	METHOD AND SYSTEM FOR IMPLEMENTING END-TO-END QOS IN PACKET-SWITCHED NETWORKS
USA	6781990	24-Aug-04	PURI RAHOUL	METHOD AND SYSTEM FOR MANAGING TRAFFIC IN A PACKET NETWORK ENVIRONMENT
USA	7580350	25-Aug-09	PARKER DAVID K	SYSTEM FOR DERIVING PACKET QUALITY OF SERVICE INDICATOR
USA	6970424	29-Nov-05	FAWAZ AYMAN	METHOD AND APPARATUS TO MINIMIZE CONGESTION IN A PACKET SWITCHED NETWORK
USA	7152124	19-Dec-06	PURI RAHOUL	METHOD AND SYSTEM FOR MAINTAINING TEMPORAL CONSISTENCY OF RESOURCES AND DATA IN A MULTIPLE-PROCESSOR PACKET SWITCH
USA	8072887	6-Dec-11	SIVA MEERA	METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR CONTROLLING ENQUEUING OF PACKETS IN AN AGGREGATED QUEUE INCLUDING
USA	8295188	23-Oct-12	ELROD CRAIG T	VOIP SECURITY
USA	5978385	2-Nov-99	HADDOCK, S	REPEATER PROVIDING FOR DETERMINISTIC ACCESS IN A LAN UTILIZING THE CSMA/CD MEDIUM ACCESS METHOD
USA	5999538	7-Dec-99	HADDOCK, S.	METHOD AND APPARATUS FOR ARBITRATING DATA TRANSMISSION IN A CSMA/CD LAN

USA	5936962	10-Aug-99	HADDOCK, S	METHOD AND APPARATUS FOR PREDICTING AND CONTROLLING DATA TRANSMISSION IN A CSMA/CD LAN
USA	6295299	25-Sep-01	HADDOCK STEPHEN R	DATA PATH ARCHITECTURE FOR A LAN SWITCH
USA	7130308	31-Oct-06	HADDOCK STEPHEN R	DATA PATH ARCHITECTURE FOR A LAN SWITCH
USA	8161270	17-Apr-12	PARKER DAVID K	PACKET DATA MODIFICATION PROCESSOR
USA	7822032	26-Oct-10	PARKER DAVID K	DATA STRUCTURES FOR SUPPORTING PACKET DATA MODIFICATION OPERATIONS
USA	7463628	9-Dec-08	PARKER DAVID K	PACKET DATA MODIFICATION PROCESSOR COMMAND INSTRUCTION SET
USA	7304996	4-Dec-07	SWENSON ERIK R	SYSTEM AND METHOD FOR ASSEMBLING A DATA PACKET
USA	7821931	26-Oct-10	SWENSON ERIK R	SYSTEM AND METHOD FOR ASSEMBLING A DATA PACKET
USA	7813348	12-Oct-10	GUPTA RAJARSHI	METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR KILLING PRIORITIZED PACKETS USING TIME-TO-LIVE VALUES TO PREVENT H
USA	7606263	20-Oct-09	PARKER DAVID K	PACKET PARSER
USA	7649879	19-Jan-10	PARKER DAVID K	METHOD OF EXTENDING DEFAULT FIXED NUMBER OF PROCESSING CYCLES IN PIPELINED PACKET PROCESSOR ARCHITECTURE
USA	7889750	15-Feb-11	PARKER DAVID K	METHOD OF EXTENDING DEFAULT FIXED NUMBER OF PROCESSING CYCLES IN PIPELINED PACKET PROCESSOR ARCHITECTURE
USA	7502374	10-Mar-09	PARKER DAVID K	SYSTEM FOR DERIVING HASH VALUES FOR PACKETS IN A PACKET PROCESSING SYSTEM
USA	7646770	12-Jan-10	PARKER DAVID K	SYSTEMS FOR SUPPORTING

				PACKET PROCESSING OPERATIONS
USA	8085779	27-Dec-11	PARKER DAVID K	SYSTEMS FOR SUPPORTING PACKET PROCESSING OPERATIONS
USA	7554978	30-Jun-09	PARKER DAVID K	SYSTEM FOR ACCESSING CONTENT-ADDRESSABLE MEMORY IN PACKET PROCESSOR
USA	7936687	3-May-11	PARKER DAVID K	SYSTEMS FOR STATISTICS GATHERING AND SAMPLING IN A PACKET PROCESSING SYSTEM
USA	7522516	21-Apr-09	PARKER DAVID K	EXCEPTION HANDLING SYSTEM FOR PACKET PROCESSING SYSTEM
USA	7385984	10-Jun-08	PARKER DAVID K	PACKET PROCESSING SYSTEM ARCHITECTURE AND METHOD
USA	7822038	26-Oct-10	PARKER DAVID K	PACKET PROCESSING SYSTEM ARCHITECTURE AND METHOD
USA	7606249	20-Oct-09	SWENSON ERIK R	METHODS AND SYSTEMS FOR CACHING PACKETS TO BE WRITTEN TO OR READ FROM PACKET MEMORY
USA	7889658	15-Feb-11	BAUDER JAMES R	METHOD OF AND SYSTEM FOR TRANSFERRING OVERHEAD DATA OVER A SERIAL INTERFACE
USA	7372813	13-May-08	CIMINO DANIEL J	VIRTUAL LOAD BALANCING ACROSS A NETWORK LINK
USA	8499093	30-Jul-13	GROSSER DONALD B	METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR STATELESS LOAD BALANCING OF NETWORK TRAFFIC FLOWS
USA	8659993	25-Feb-14	LIM ARNEL	METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR STATELESS LOAD BALANCING OF NETWORK TRAFFIC FLOWS
USA	7693158	6-Apr-10	CARRIE SUSAN E	METHODS AND SYSTEMS FOR SELECTIVELY PROCESSING VIRTUAL LOCAL AREA NETWORK

				(VLAN) TRAFFIC FROM DIFFERENT NETWORKS WHILE ALLOWING FLEXIBLE VLAN IDNTIFIERS ASSIGNEMENT
USA	8724638	13-May-14	CARRIE SUSAN E	METHODS AND SYSTEMS FOR SELECTIVELY PROCESSING VIRTUAL LOCAL AREA NETWORK (VLAN) TRAFFIC FROM DIFFERENT NETWORKS WHILE ALLOWING FLEXIBLE VLAN IDNTIFIERS ASSIGNEMENT
USA	7386309	10-Jun-08	JAIN VIPIN	METHOD AND SYSTEM FOR DISTRIBUTED WIRELESS ACCESS
USA	8707432	22-Apr-14	RATHI, MANISH M.	METHOD AND SYSTEM FOR DETETING AND PREVENTING ACCESS INTRUSION IN A NETWORK
USA	8751649	10-Jun-14	YIP, MICHAEL	PORT MANAGEMENT SYSTEM
USA	D512697	13-Dec-05	ENNS, FREDERICK	HOUSING FOR ELECTRONIC DEVICE
USA	D601551	6-Oct-09	RAY, BRIAN	WIRED/WIRELESS ACCESS POINT
USA	8751647	10-Jun-14	YIP, MICHAEL	METHOD AND APPARATUS FOR NETWORK LOGIN AUTHORIZATION
USA	8855124	7-Oct-14	HADDOCK, STEPHEN	FORWARDING INTER-SWITCH CONNECTION (ISC) FRAMES IN A NETWORK-TO-NETWORK INTERCONNECT TOPOLOGY
USA	8842684	23-Sep-14	HADDOCK, STEPHEN	FORWARDING INTER-SWITCH CONNECTION (ISC) FRAMES IN A NETWORK-TO-NETWORK INTERCONNECT TOPOLOGY
USA	8891533	18-Nov-14	GROSSER, DON	METHODS, SYSTEMS, AND APPARATUSES FOR DYNAMICALLY TAGGING VLANS
USA	8771009	8-Jul-14	MENG, ALICE	3 X 8 STACKED RJ45 CONNECTOR WITH INTEGRATED LEDS OPTION FOR 1U PRODUCT FORM FACTOR
USA	8924694	30-Dec-14	PARKER, DAVID	PACKET DATA MODIFICATION PROCESSOR

USA	8767549	1-Jul-14	KASHYAP, PRAKASH	INTEGRATED METHODS OF PERFORMING NETWORK SWITCH FUNCTIONS
USA	5365952	22-Nov-94	NOBLE, EDWARD J	HAIRCUTTING DEVICE METHOD AND APPARATUS FOR PREDICTING AND CONTROLLING DATA TRANSMISSION IN A CSMA/CD LAN
USA	9008091	14-Apr-15	GROSSER, DONALD B	METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR IMPROVED MULTICAST SCALING THROUGH POLICY BASED REDIRECTION

Pending U.S. Patent Applications of the Grantor

Jurisdiction	Application No.	Filing Date	Inventor	Title
USA	11/731082	30-Mar-07	SUIZO, NICK	NETWORK MANAGEMENT INTERFACE FOR A NETWORK ELEMENT WITH NETWORK-WIDE INFORMATION
USA	11/932780	31-Oct-07	SUIZO, NICK	NETWORK LOCATION SERVICE
USA	14/322643	2-Jul-14	STOKES, OLEN	REDUNDANT ETHERNET AUTOMATIC PROTECTION SWITCHING
USA	14/508517	7-Oct-14	HADDOCK, STEPHEN	FORWARDING INTER-SWITCH CONNECTION (ISC) FRAMES IN A NETWORK-TO-NETWORK INTERCONNECT TOPOLOGY
USA	13/842475	15-Mar-13	WIDMANN, CHRISTOPHER	MIDPLANE FOR ORTHOGONAL DIRECT CONNECTION
USA	14/546688	18-Nov-14	GROSSER, DON	DYNAMICALLY TAGGED VLANS
USA	14/325373	8-Jul-14	MENG, ALICE	3 X 8 STACKED RJ45 CONNECTOR WITH INTEGRATED LEDS OPTION FOR 1U PRODUCT FORM FACTOR
USA	14/565343	9-Dec-14	ROVNER, ED	METHOD AND SYSTEM FOR DYNAMIC USAGE OF MULTIPLE TABLES FOR INTERNET PROTOCOL HOSTS
USA	14/565338	9-Dec-14	GROSSER, DON	METHOD FOR LOAD SHARING OF MPLS PSEUDO-WIRES
USA	14/266784	30-Apr-14	GROSSER, DONALD	METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR PROVIDING N-NODE MULTI-SWITCH LING AGGREGATION GROUPS (MLAGS)
USA	14/226,805	26-Mar-14	SUSAN E. CARRIE	METHODS AND SYSTEMS FOR SELECTIVELY PROCESSING VIRTUAL LOCAL AREA NETWORK (VLAN) TRAFFIC FROM DIFFERENT NETWORKS WHILE
USA	13/050808	30-Jul-10	STOKES, OLEN L.	SOFTWARE SUSTAINING SYSTEM
USA	13/842382	15-Mar-13	GROSSER, DON	METHOD AND SYSTEMS TO SUPPORT MULTICAST FORWARDING USING BOTH LAYER 2 MULTICAST FDB AND LAYER 3 MULTICAST FDB TABLE
USA	13/864091	16-Apr-13	GROSSER, DON	METHOD FOR IMPROVED RING PROTOCOL RESILIENCY, AVAILABILITY, AND

				PERFORMANCE
USA	14/451851	8-May-14		SYSTEM, METHOD AND APPARATUS FOR TRAFFIC MIRROR SETUP, SERVICE AND SECURITY IN COMMUNICATIONS NETWORK

SCHEDULE B
to the Patent and Trademark Security Agreement

EXTREME NETWORKS, INC.

U.S. Trademarks of the Grantor

Jurisdiction	Registration No.	Registration Date	Registered Owner	Mark
US	3379396	2/5/08	Extreme Networks, Inc.	EXTREMEXOS
US	2243238	5/4/99	Extreme Networks, Inc.	EXTREME NETWORKS
US	3840628	8/31/10	Extreme Networks, Inc.	EXTREME NETWORKS (stylized)
US	2365696	7/11/00	Extreme Networks, Inc.	SUMMIT

Pending U.S. Trademark Applications of the Grantor

None.