

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6074319

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AEROHIVE NETWORKS, INC.	01/30/2020

RECEIVING PARTY DATA

Name:	EXTREME NETWORKS, INC.
Street Address:	6480 VIA DEL ORO
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95119

PROPERTY NUMBERS Total: 210

Property Type	Number
Application Number:	60926590
Patent Number:	8948046
Patent Number:	8930729
Patent Number:	8347355
Patent Number:	8763084
Patent Number:	8259616
Patent Number:	8880659
Patent Number:	9503354
Patent Number:	9762442
Patent Number:	7839771
Patent Number:	8218502
Patent Number:	8614989
Patent Number:	8483183
Patent Number:	9019938
Patent Number:	9025566
Patent Number:	9590822
Patent Number:	9338816
Patent Number:	9787500
Patent Number:	10064105
Patent Number:	10181962

PATENT

Property Type	Number
Patent Number:	9674892
Patent Number:	8483194
Patent Number:	8730931
Patent Number:	9572135
Patent Number:	9867167
Patent Number:	10219254
Patent Number:	8423631
Patent Number:	9143466
Patent Number:	9762541
Patent Number:	10116624
Patent Number:	9900251
Patent Number:	10412006
Patent Number:	8671187
Patent Number:	9282018
Patent Number:	9699055
Patent Number:	9002277
Patent Number:	9814055
Patent Number:	10390353
Patent Number:	10091065
Patent Number:	8787375
Patent Number:	9008089
Patent Number:	9565125
Patent Number:	9729463
Patent Number:	10205604
Patent Number:	9143498
Patent Number:	9473484
Patent Number:	9762579
Patent Number:	9979727
Patent Number:	10243956
Patent Number:	10014915
Patent Number:	10033112
Patent Number:	10298296
Patent Number:	10348372
Patent Number:	10389650
Patent Number:	9628467
Patent Number:	9769056
Patent Number:	10355977
Patent Number:	9762679

Property Type	Number
Patent Number:	10230802
Patent Number:	9948626
Patent Number:	10397211
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Patent Number:	9965366
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Patent Number:	10027703
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Patent Number:	9820316
Patent Number:	10108755
Patent Number:	9152782
Patent Number:	9479540
Patent Number:	9686319
Patent Number:	10003615
Patent Number:	10320847
Patent Number:	10117085
Patent Number:	9813862
Patent Number:	9992619
Patent Number:	10123168
Patent Number:	9473489
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Patent Number:	10154027
Patent Number:	9705207
Patent Number:	9812791
Patent Number:	10003134
Patent Number:	10193239
Patent Number:	D823284
Patent Number:	D823837
Patent Number:	9826479
Patent Number:	10231180
Patent Number:	10341320
Patent Number:	10219151
Patent Number:	10321306
Patent Number:	10237129
Application Number:	14610187

Property Type	Number
Application Number:	15969572
Application Number:	61017390
Application Number:	61021883
Application Number:	14257917
Application Number:	61021885
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Application Number:	15496522
Application Number:	16286577
Application Number:	61152583
Application Number:	16175680
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Application Number:	16231377
Application Number:	61368244
Application Number:	16546250
Application Number:	16150221
Application Number:	61659902
Application Number:	16274115
Application Number:	61695282
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Application Number:	61725435
Application Number:	61761620
Application Number:	61762238
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Application Number:	61772540
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Application Number:	61788621
Application Number:	16546242
Application Number:	61802186
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Application Number:	61801516
Application Number:	16513654
Application Number:	61801204

Property Type	Number
Application Number:	16289634
Application Number:	61799909
Application Number:	16506945
Application Number:	61801578
Application Number:	15885625
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Application Number:	16010288
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Application Number:	61802355
Application Number:	61916088
Application Number:	16438378
Application Number:	16174258
Application Number:	62000166
Application Number:	15792694
Application Number:	62036486
Application Number:	16182472
Application Number:	62057158
Application Number:	16215577
Application Number:	62131769
Application Number:	62144280
Application Number:	16001200
Application Number:	16260073
Application Number:	62241080
Application Number:	16289655
Application Number:	14883425
Application Number:	62280240
Application Number:	16286581
Application Number:	62350158
Application Number:	15623122
Application Number:	62354665
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Application Number:	15277133
Application Number:	15282064
Application Number:	62402894
Application Number:	16289642
Application Number:	15428049

Property Type	Number
Application Number:	15439874
Application Number:	15455079
Application Number:	62665440
Application Number:	16401106
Application Number:	62672788
Application Number:	16416134
Application Number:	62641946
Application Number:	16351516
Application Number:	62858303
Application Number:	62891117
Application Number:	62897604
Application Number:	61021887
Application Number:	12357066
Application Number:	62744118
Application Number:	62744596
Application Number:	90013001
Application Number:	90013002
Application Number:	90013400
Application Number:	90013418
Application Number:	90013627
Application Number:	90012797
Application Number:	90012879
Application Number:	90013153
Application Number:	90013166
Application Number:	90013740
Application Number:	90013802
PCT Number:	US2011047591
PCT Number:	US2012059093
PCT Number:	US2013057692
PCT Number:	US2014015423
PCT Number:	US2015018782
PCT Number:	US2015031510
PCT Number:	US2015048396
PCT Number:	US2016022206
PCT Number:	US2016056896
PCT Number:	US2017037539
PCT Number:	US2018017278
PCT Number:	US2019055748

CORRESPONDENCE DATA**Fax Number:** (202)371-2540

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: emiller@sternekessler.com**Correspondent Name:** STERNE, KESSLER, GOLDSTEIN & FOX PLLC**Address Line 1:** 1100 NEW YORK AVENUE, N.W.**Address Line 4:** WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	4264.0000000
NAME OF SUBMITTER:	CHRISTIAN A. CAMARCE
SIGNATURE:	/Christian A. Camarce, reg. no. 65,021/
DATE SIGNED:	04/23/2020

Total Attachments: 9

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration, receipt of which is hereby acknowledged, **Aerohive Networks, Inc.**, a corporation organized and existing under the laws of California and having an office and place of business at 1011 McCarthy Boulevard, Milpitas, California 95035 (hereafter referred to as the "Assignor"), hereby sells and assigns to **Extreme Networks, Inc.**, a corporation formed under the laws of Delaware, having an office and place of business at 6480 Via Del Oro, San Jose, California 95119, (hereafter referred to as the "Assignee"), its entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), and throughout the world, including the right to sue for past infringement and to collect for all past, present and future damages,

(a) in each of the Patents and Patent Applications that are described in detail in Schedule A, annexed hereto and made a part hereof, and

(b) in any and all applications that claim the benefit of the Patents and Patent Applications described in detail in Schedule A, including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals, and reexaminations of such Patents and Patent Applications, to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in each of the Patents and Patent Applications that are described in detail on Schedule A, and in all forms of intellectual and industrial property protection derivable therefrom, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such Patents and Patent Applications, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The Assignor agrees to execute all papers necessary in connection with the applications and Letters Patents as above, and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The Assignor agrees to execute all papers necessary in connection with any judicial or administrative proceeding, including but not limited to an interference, derivation, post-grant proceeding, patent enforcement action (judicial or otherwise) related to the applications or Letters Patents or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee at Assignee's expense in every reasonable way possible in obtaining evidence and going forward with such interference or patent enforcement act.

The Assignor agrees to perform all affirmative acts at Assignee's request and expense that may be necessary to obtain or ensure a grant of a valid patent to the Assignee.

The Assignor hereby represents that Assignor has full right and authority to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict therewith.

The Assignor hereby grants the patent practitioners associated with **CUSTOMER NUMBER 157800** the power to insert in this assignment, including the attached Schedule A, any further information regarding the patents and patent applications so identified in such Schedule A that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned Assignor hereby represents that the Assignor understands that the patent practitioners associated with **CUSTOMER NUMBER 157800** are legal representatives of, and attorneys for, the Assignee, and are NOT the legal representatives of, and attorneys for, the Assignor.

SIGNED on behalf of the said ASSIGNOR,

Aerohive Networks, Inc.

By: K. Motiey

Name: KATHOUN (KATY) MOTIEY

Title: PRESIDENT & CEO

Date: JANUARY 30, 2020

SIGNED on behalf of the said ASSIGNEE,

Extreme Networks, Inc.

By: Peter Lam

Name: PETER LAM

Title: SR. DIRECTOR, INTELLECTUAL PROPERTY

Date: JANUARY 30, 2020

SCHEDULE A**UNITED STATES PATENTS, UNITED STATES PATENT APPLICATIONS,
INTERNATIONAL PATENTS AND INTERNATIONAL PATENT APPLICATIONS**

<u>Country</u>	<u>Application No.</u>	<u>Patent No.</u>
United States	60/926,590	
United States	11/903,443	8,948,046
United States	14/610,187	
United States	15/969,572	
United States	61/017,390	
United States	12/345,629	8,930,729
United States	61/021,883	
United States	12/357,390	8,347,355
United States	13/603,272	8,763,084
United States	14/257,917	
United States	61/021,885	
United States	12/357,384	8,259,616
United States	13/528,637	8,880,659
United States	14/532,724	
United States	61/021,884	
United States	12/357,362	9,503,354
United States	15/349,212	9,762,442
United States	12/070,863	7,839,771
United States	12/120,338	8,218,502
United States	13/452,437	8,614,989
United States	13/528,729	8,483,183
United States	13/937,676	9,019,938
United States	14/139,819	9,025,566
United States	14/686,665	9,590,822
United States	14/697,379	9,338,816
United States	15/069,840	9,787,500
United States	15/412,949	10,064,105
United States	15/683,015	10,181,962
United States	16/056,489	
United States	16/248,723	
United States	61/111,210	
United States	12/485,041	9,674,892
United States	15/496,522	
United States	12/356,886	8,483,194
United States	13/938,159	8,730,931

United States	14/250,294	9,572,135
United States	15/243,720	9,867,167
United States	15/865,027	10,219,254
United States	16/286,577	
United States	61/152,583	
United States	12/649,134	8,423,631
United States	13/849,278	9,143,466
United States	14/860,651	9,762,541
United States	15/682,322	10,116,624
United States	16/175,680	
United States	61/224,716	
United States	12/834,017	9,900,251
United States	15/878,354	10,412,006
United States	16/231,377	
United States	61/368,244	
United States	13/192,325	8,671,187
United States	14/177,159	9,282,018
United States	15/058,760	9,699,055
United States	12/877,048	9,002,277
United States	14/663,028	9,814,055
United States	15/634,986	10,390,353
United States	16/546,250	
China P.R.	201180053666.8	103339885
China P.R.	201510647115.4	ZL201510647115.4
Europe	11823931.8	
Patent Cooperation Treaty	PCT/US2011/047591	
United States	13/286,121	10,091,065
United States	16/150,221	
United States	61/659,902	
United States	13/646,547	8,787,375
United States	14/314,893	9,008,089
United States	14/645,184	9,565,125
United States	15/381,727	9,729,463
United States	15/626,365	10,205,604
United States	16/274,115	
China P.R.	201280075335.9	ZL201280075335.9
Europe	12879114.2	
Patent Cooperation Treaty	PCT/US2012/059093	
United States	61/695,282	
United States	14/014,247	9,143,498
United States	14/820,251	9,473,484

United States	15/239,470	9,762,579
United States	15/645,711	9,979,727
United States	15/962,816	10,243,956
United States	16/365,654	
China P.R.	201380057158.6	104769909
Germany	602013052417.3	2891295
Germany	3171573	602013059014.1
Europe	13832735.8	2891295
Europe	17151065.4	3171573
France	17151065.4	3171573
United Kingdom	13832735.8	2891295
United Kingdom	17151065.4	3171573
Patent Cooperation Treaty	PCT/US2013/057692	
United States	61/725,435	
United States	61/761,620	
United States	61/762,238	
United States	14/078,434	10,014,915
United States	14/175,976	10,033,112
United States	16/018,939	10,298,296
United States	16/041,677	10,348,372
United States	16/504,193	
Patent Cooperation Treaty	PCT/US2014/015423	
United States	61/772,540	
United States	14/194,560	
United States	61/788,621	
United States	14/158,661	10,389,650
United States	16/546,242	
United States	61/802,186	
United States	14/216,313	
United States	61/799,352	
United States	14/201,336	9,628,467
United States	15/431,622	
China P.R.	201580023928.4	ZL201580023928.4
Europe	15758244.6	
Patent Cooperation Treaty	PCT/US2015/018782	
United States	61/801,516	
United States	14/216,566	9,769,056
United States	15/673,216	10,355,977
United States	16/513,654	
United States	61/801,204	
United States	14/216,742	9,762,679

United States	15/666,389	10,230,802
United States	16/289,634	
United States	61/799,909	
United States	14/027,188	9,948,626
United States	15/922,019	10,397,211
United States	16/506,945	
United States	61/801,578	
United States	14/102,425	9,690,676
United States	15/460,473	9,965,366
United States	15/885,625	
United States	61/800,521	
United States	14/210,211	9,578,144
United States	15/414,258	9,923,843
United States	15/921,117	
United States	61/802,187	
United States	14/216,934	9,413,772
United States	15/176,112	10,027,703
United States	16/010,288	
United States	61/802,054	
United States	14/217,132	9,794,169
United States	61/802,355	
United States	14/217,180	9,820,316
United States	14/084,505	10,108,755
United States	61/916,088	
United States	14/180,297	9,152,782
United States	14/868,347	9,479,540
United States	15/183,753	9,686,319
United States	15/480,273	10,003,615
United States	15/977,310	10,320,847
United States	16/438,378	
United States	14/281,124	10,117,085
United States	16/174,258	
United States	62/000,166	
United States	14/715,263	9,813,862
United States	15/792,694	
Patent Cooperation Treaty	PCT/US2015/031510	
United States	62/036,486	
United States	14/465,734	9,992,619
United States	15/976,596	10,123,168
United States	16/182,472	
United States	62/057,158	

United States	14/588,302	9,473,489
United States	15/238,512	9,774,593
United States	15/629,331	9,853,967
United States	15/845,994	10,154,027
United States	16/215,577	
United States	62/131,769	
United States	62/144,280	
United States	14/845,006	9,705,207
United States	15/066,955	9,812,791
United States	15/622,003	10,003,134
United States	15/791,235	10,193,239
United States	16/001,200	
United States	16/260,073	
China P.R.	201580079831.5	
China P.R.	201680027108.7	
Europe	15884897.8	
Europe	16762678.7	
Patent Cooperation Treaty	PCT/US2015/048396	
Patent Cooperation Treaty	PCT/US2016/022206	
Taiwan	105107536	
China P.R.	201530336968.7	ZL201530336968.7
China P.R.	201630004392.9	ZL201630004392.9
Taiwan	105110907	
United States	29/538,311	D823,284
United States	29/608,596	D823,837
United States	62/241,080	
United States	14/951,395	9,826,479
United States	15/816,891	10,231,180
United States	16/289,655	
China P.R.	201680072890.4	
Europe	16856212.2	
Patent Cooperation Treaty	PCT/US2016/056896	
United States	14/883,425	
United States	62/280,240	
United States	15/053,298	10,341,320
United States	15/073,503	10,219,151
United States	16/286,581	
United States	62/350,158	
United States	15/623,122	
Patent Cooperation Treaty	PCT/US2017/037539	
United States	62/354,665	

United States	15/262,707	10,321,306
United States	16/438,411	
United States	15/277,133	
United States	15/282,064	
United States	62/402,894	
United States	15/723,114	10,237,129
United States	16/289,642	
United States	15/428,049	
Germany	112018000731.6	
Patent Cooperation Treaty	PCT/US2018/017278	
United States	15/439,874	
United States	15/455,079	
United States	62/665,440	
United States	16/401,106	
United States	62/672,788	
United States	16/416,134	
United States	62/641,946	
United States	16/351,516	
United States	62/858,303	
United States	62/891,117	
United States	62/897,604	
United States	61/021,887	
United States	12/357,066	
United States	62/744,118	
United States	62/744,596	
Patent Cooperation Treaty	PCT/US2019/055748	
United States	90/013,001	
United States	90/013,002	
United States	90/013,400	
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United States	90/013,627	
United States	90/012,797	
United States	90/012,879	
United States	90/013,153	
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United States	90/013,740	
United States	90/013,802	