

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5477782

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
SILVER PEAK SYSTEMS, INC.	04/16/2019

**RECEIVING PARTY DATA**

<b>Name:</b>	GOLUB CAPITAL LLC, AS AGENT
<b>Street Address:</b>	100 S. WACKER DRIVE
<b>City:</b>	CHICAGO
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60606

**PROPERTY NUMBERS Total: 61**

Property Type	Number
Patent Number:	8370583
Patent Number:	8312226
Patent Number:	7571344
Patent Number:	7630295
Patent Number:	8755381
Patent Number:	8885632
Patent Number:	7644230
Patent Number:	8392684
Patent Number:	7698431
Patent Number:	8743683
Patent Number:	8171238
Patent Number:	8095774
Patent Number:	7948921
Patent Number:	8489562
Patent Number:	8442052
Patent Number:	8307115
Patent Number:	8811431
Patent Number:	7945736
Patent Number:	8225072
Patent Number:	9626224

PATENT

<b>Property Type</b>	<b>Number</b>
Patent Number:	9130991
Patent Number:	8738865
Patent Number:	8473714
Patent Number:	8595314
Patent Number:	9712463
Patent Number:	8929402
Patent Number:	8732423
Patent Number:	8725988
Patent Number:	9613071
Patent Number:	9092342
Patent Number:	8930650
Patent Number:	9363248
Patent Number:	9143455
Patent Number:	8929380
Patent Number:	9948496
Patent Number:	9875344
Patent Number:	9584403
Patent Number:	9036662
Patent Number:	9191342
Patent Number:	9363309
Patent Number:	9152574
Patent Number:	9397951
Patent Number:	9549048
Patent Number:	9253277
Patent Number:	9906630
Patent Number:	9438538
Patent Number:	10164861
Patent Number:	9717021
Patent Number:	9967056
Patent Number:	9961010
Patent Number:	10091172
Application Number:	15148933
Application Number:	15180981
Application Number:	15425798
Application Number:	15632008
Application Number:	15712006
Application Number:	15919121
Application Number:	15857560

Property Type	Number
Application Number:	15856669
Application Number:	15918807
Application Number:	16224482

**CORRESPONDENCE DATA**

**Fax Number:** (858)638-5130

*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:** 619-699-2700

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**Correspondent Name:** DLA PIPER LLP (US)

**Address Line 1:** 401 B STREET, SUITE 1700

**Address Line 4:** SAN DIEGO, CALIFORNIA 92101

**NAME OF SUBMITTER:** MATT SCHWARTZ

**SIGNATURE:** /s/ Matt Schwartz

**DATE SIGNED:** 04/16/2019

**Total Attachments: 99**

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT ("Agreement") dated as of April 16, 2019, is made by SILVER PEAK SYSTEMS, INC., a Delaware corporation, and each domestic Subsidiary signatory hereto (individually and collectively, the "Grantor"), in favor of GOLUB CAPITAL LLC ("Agent") in its capacity as administrative agent for the Lenders (as defined below).

RECITALS

A. Grantor has entered into a Loan and Security Agreement with certain lenders from time to time party thereto (collectively, referred to as the "Lenders") and Agent, in its capacity as administrative agent for itself and the Lenders, dated as of the date hereof (as amended, restated, supplemented or otherwise modified from time to time, the "Loan Agreement"). All capitalized terms used but not defined herein shall have the respective meanings given to them in the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Agent for its benefit and the benefit of the Lenders 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, Grantor grants and pledges to Agent for its benefit and the benefit of the Lenders a first priority security interest (subject to Permitted Liens) 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 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, re-examination certificates, utility models, 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 and dilutions 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, 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 (whether or not they are unenforceable or not allowable due to the existence of an insolvency proceeding involving Grantor).

Notwithstanding the foregoing, the Intellectual Property Collateral does not include any trademark applications filed on an “intent-to-use” basis until the earlier, in each case, of the filing of a statement of use with respect thereto or the issuance of a registration therefor.

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 Agent.

Grantor hereby authorizes Agent 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. Notwithstanding the foregoing, no failure to modify this Agreement or amend the exhibits to this Agreement shall in any way affect, invalidate or detract from Agent’s continuing security interest in all Intellectual Property Collateral, whether or not listed in the exhibits to this Agreement.

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 Agent 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 and any amendments, waivers, consents or supplements hereto may be executed in any number of counterparts, and by different parties hereto in separate counterparts, each of which when so delivered shall be deemed an original, but all of which counterparts shall constitute but one and the same instrument. Delivery of an executed counterpart of a signature page of this Agreement by facsimile, portable document format (.pdf) or other electronic transmission will be as effective as delivery of a manually executed counterpart hereof.

5. Successors and Assigns. The provisions of this Agreement shall inure to the benefit of the parties hereto and their respective successors and assigns. Grantor shall not assign its obligations under this Agreement without Agent's express prior written consent, and any such attempted assignment shall be void and of no effect. Agent may assign, transfer, or endorse its rights hereunder pursuant to the terms of the Loan Agreement without prior notice to Grantor, and all of such rights shall inure to the benefit of Agent's successors and assigns.

6. Governing Law. This Agreement has been negotiated and delivered to Agent in the State of New York, and shall have been accepted by Agent in the State of New York. This Agreement shall be governed by, and construed and enforced in accordance with, the laws of the State of New York, excluding conflict of laws principles that would cause the application of laws of any other jurisdiction.

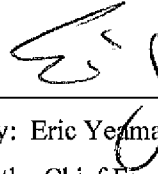
[Signature page follows.]



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:

SILVER PEAK SYSTEMS, INC.



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By: Eric Yeaman

Title: Chief Financial Officer

*[Signature Page to Intellectual Property Security Agreement (Golub/Silver Peak Systems)]*

**PATENT**  
**REEL: 048921 FRAME: 0463**

AGENT:

GOLUB CAPITAL LLC

A handwritten signature in black ink, appearing to read 'R. Tuchscherer', is written over a horizontal dotted line.

By: Robert G. Tuchscherer

Title: Managing Director

*[Signature Page to Intellectual Property Security Agreement (Golub/Silver Peak Systems)]*

**PATENT**  
**REEL: 048921 FRAME: 0464**

EXHIBIT A

Copyrights

None.

EXHIBIT B

Patents

Silver Peak Systems, Inc.  
 Patent Status Summary as of 03/04/2019  
 Carr & Ferrell LLP

C&F No.	Serial No. (Patent No.)	Filed (Issued)	First Filing Date	Status	Title	Inventor(s)
3147US	11/202,697 (8370583)	Aug 12, 2005 (Feb 05, 2013)	Aug 12, 2005	Granted	Network Memory Architecture for Providing Data Based on Local Accessibility	David Anthony Hughes
3383US	11/240,110 (8312226)	Sep 29, 2005 (Nov 13, 2012)	Aug 12, 2005	Granted	Network Memory Appliance for Providing Data Based on Local Accessibility	David Anthony Hughes
3384US	11/357,657 (7571344)	Feb 16, 2006 (Aug 04, 2009)	Aug 12, 2005	Granted	Ensuring Data Integrity in Network Memory	John Burns, Zhigang Yin, David Anthony Hughes
3385US	11/263,755 (7630295)	Oct 31, 2005 (Dec 08, 2009)	Oct 31, 2005	Granted	Network Device Continuity	Narayan Balasubramanian, Dannon John Ennis, David Anthony Hughes
3464US	11/498,473 (8755381)	Aug 02, 2006 (Jun 17, 2014)	Aug 02, 2006	Granted	Data Matching Using Flow Based Packet Data Storage	David Anthony Hughes, John Burns, Zhigang Yin
3465US	11/498,491 (8885632)	Aug 02, 2006 (Nov 11, 2014)	Aug 02, 2006	Granted	Communications Scheduler	David Anthony Hughes, Balaji Balasubramanian, Danny Kwok

Silver Peak Systems, Inc.  
 Patent Status Summary as of 03/04/2019  
 Carr & Ferrell LLP

Clk# No.	Serial No. (Patent No.)	Filed (Issued)	First Filing Date	Status	Title	Inventor(s)
3617US	11/724,800 (7644230)	Mar 15, 2007 (Jan 05, 2010)	Mar 15, 2007	Granted	Dynamic Load Management of Network Memory	David Anthony Hughes, John Burns, Zhigang Yin
3618US	11/497,026 (8392684)	Jul 31, 2006 (Mar 05, 2013)	Aug 12, 2005	Granted	Data Encryption in a Network Memory Architecture for Providing Data Based on Local Accessibility	David Anthony Hughes
3896US	11/796,239 (7698431)	Apr 27, 2007 (Apr 13, 2010)	Aug 12, 2005	Granted	Pre-Positioning Data in a Network Memory Appliance	David Anthony Hughes
4186US	12/217,440 (8743683)	Jul 03, 2008 (Jun 03, 2014)	Jul 03, 2008	Granted	Quality of Service Using Multiple Flows	David Anthony Hughes
4187US	11/825,440 (8171238)	Jul 05, 2007 (May 01, 2012)	Jul 05, 2007	Granted	Identification of Data Stored in Memory	David Anthony Hughes, John Burns, Zhigang Yin
4235US	11/825,497 (8095774)	Jul 05, 2007 (Jan 10, 2012)	Jul 05, 2007	Granted	Pre-Fetching Data into a Memory	David Anthony Hughes, John Burns
4368US	11/903,416 (7948921)	Sep 20, 2007 (May 24, 2011)	Sep 20, 2007	Granted	Automatic Network Optimization	David Anthony Hughes, Balaji Balasubramanian
4432US	11/998,726 (8489562)	Nov 30, 2007 (Jul 16, 2013)	Nov 30, 2007	Granted	Deferred Data Storage	David Anthony Hughes, John Burns, Zhigang Yin

Silver Peak Systems, Inc.  
 Patent Status Summary as of 03/04/2019  
 Carr & Ferrell LLP

Case No.	Serial No. (Patent No.)	Filed (Issued)	First Filing Date	Status	Title	Inventor(s)
4529US	12/070,796 (8442052)	Feb 20, 2008 (May 14, 2013)	Feb 20, 2008	Granted	Forward Packet Recovery	David Anthony Hughes
4569US	12/151,839 (8307115)	May 08, 2008 (Nov 06, 2012)	Nov 30, 2007	Granted	Network Memory Mirroring	David Anthony Hughes
4745US	12/313,618 (8811431)	Nov 20, 2008 (Aug 19, 2014)	Nov 20, 2008	Granted	Systems and Methods for Compressing Packet Data	David Anthony Hughes
5095US	12/622,324 (7945736)	Nov 19, 2009 (May 17, 2011)	Mar 15, 2007	Granted	Dynamic Load Management of Network Memory	John Burns, David Anthony Hughes, Zhigang Yin
5631US	13/112,936 (8225072)	May 20, 2011 (Jul 17, 2012)	Jul 05, 2007	Granted	Pre-Fetching Data into a Memory	David Anthony Hughes, John Burns
5789US	13/288,691 (9626224)	Nov 03, 2011 (Apr 18, 2017)	Nov 03, 2011	Granted	Optimizing Available Computing Resources within a Virtual Environment	David Anthony Hughes, John Burns
5803US	13/274,162 (9130991)	Oct 14, 2011 (Sep 08, 2015)	Oct 14, 2011	Granted	Processing Data Packets in Performance Enhancing Proxy (PEP) Environment	David Anthony Hughes
5996US	13/427,422 (8738865)	Mar 22, 2012 (May 27, 2014)	Jul 05, 2007	Granted	Identification of Data Stored in Memory	David Anthony Hughes, Zhigang Yin, John Burns

Silver Peak Systems, Inc.  
 Patent Status Summary as of 03/04/2019  
 Carr & Ferrell LLP

Case No.	Serial No. (Patent No.)	Filed (Issued)	First Filing Date	Status	Title	Inventor(s)
6001US	13/482,321 (8473714)	May 29, 2012 (Jun 25, 2013)	Jul 05, 2007	Granted	Pre-Fetching Data into a Memory	David Anthony Hughes, John Burns
6023US	13/517,575 (8595314)	Jun 13, 2012 (Nov 26, 2013)	Nov 30, 2007	Granted	Deferred Data Storage	David Anthony Hughes
6100US	13/621,534 (9712463)	Sep 17, 2012 (Jul 18, 2017)	Sep 17, 2012	Granted	Workload Optimization in a Wide Area Network Utilizing Virtual Switches	David Anthony Hughes, Dannon John Ennis, Hon Tat Ho, Carl Hubbard
6101US	13/657,733 (8929402)	Oct 22, 2012 (Jan 06, 2015)	Nov 20, 2008	Granted	Systems and Methods for Compressing Packet Data by Predicting Subsequent Data	David Anthony Hughes
6277US	13/757,548 (8732423)	Feb 01, 2013 (May 20, 2014)	Aug 12, 2005	Granted	Data Encryption in a Network Memory Architecture for Providing Data Based on Local Accessibility	David Anthony Hughes
6424US	13/917,517 (8725988)	Jun 13, 2013 (May 13, 2014)	Jul 05, 2007	Granted	Pre-Fetching Data into a Memory	David Anthony Hughes, John Burns
6540US	14/067,619 (9613071)	Oct 30, 2013 (Apr 04, 2017)	Nov 30, 2007	Granted	Deferred Data Storage	David Anthony Hughes



Silver Peak Systems, Inc.  
 Patent Status Summary as of 03/04/2019  
 Carr & Ferrell LLP

Cl. No.	Serial No. (Patent No.)	Filed (Issued)	First Filing Date	Status	Title	Inventor(s)
6626US	14/190,940 (9092342)	Feb 26, 2014 (Jul 28, 2015)	Jul 05, 2007	Granted	Pre-Fetching Data into a Memory	David Anthony Hughes, John Burns
6627US	14/248,229 (8930650)	Apr 08, 2014 (Jan 06, 2015)	Jul 05, 2007	Granted	Identification of Non-Sequential Data Stored in Memory	David Anthony Hughes, Zhigang Yin, John Burns
6628US	14/248,167 (9363248)	Apr 08, 2014 (Jun 07, 2016)	Aug 12, 2005	Granted	Data Encryption in a Network Memory Architecture for Providing Data Based on Local Accessibility	David Anthony Hughes
6629US	14/248,188 (9143455)	Apr 08, 2014 (Sep 22, 2015)	Jul 03, 2008	Granted	Quality of Service Using Multiple Flows	David Anthony Hughes
6667US	14/270,101 (8929380)	May 05, 2014 (Jan 06, 2015)	Aug 02, 2006	Granted	Data Matching Using Flow Based Packet Data Storage	David Anthony Hughes, John Burns, Zhigang Yin
6680US	14/447,505 (9948496)	Jul 30, 2014 (Apr 17, 2018)	Jul 30, 2014	Granted	Determining a Transit Appliance for Data Traffic to a Software Service	David Anthony Hughes, Dannon John Ennis, Hon Tat Ho, Theodore Ernest Tedjanto
6685US	14/479,131 (9875344)	Sep 05, 2014 (Jan 23, 2018)	Sep 05, 2014	Granted	Dynamic Monitoring and Authorization of an Optimization Device	David Anthony Hughes, Dannon John Ennis

Silver Peak Systems, Inc.  
Patent Status Summary as of 03/04/2019  
Carr & Ferrell LLP

Cl. No.	Serial No. (Patent No.)	Filed (Issued)	First Filing Date	Status	Title	Inventor(s)
6721US	14/477,804 (9584403)	Sep 04, 2014 (Feb 28, 2017)	Aug 02, 2006	Granted	Communications Scheduler	Balaji Balasubramanian, Danny Kwok, David Anthony Hughes
6734US	14/333,486 (9036662)	Jul 16, 2014 (May 19, 2015)	Nov 20, 2008	Granted	Compressing Packet Data	David Anthony Hughes
6838US	14/549,425 (9191342)	Nov 20, 2014 (Nov 17, 2015)	Aug 02, 2006	Granted	Data Matching Using Flow Based Packet Data Storage	David Anthony Hughes, John Burns, Zhigang Yin
6840US	14/543,781 (9363309)	Nov 17, 2014 (Jun 07, 2016)	Nov 20, 2008	Granted	Systems and Methods for Compressing Packet Data by Predicting Subsequent Data	David Anthony Hughes
6841US	14/548,195 (9152574)	Nov 19, 2014 (Oct 06, 2015)	Jul 05, 2007	Granted	Identification of Non-Sequential Data Stored in Memory	David Anthony Hughes, Zhigang Yin, John Burns
6944US	14/677,841 (9397951)	Apr 02, 2015 (Jul 19, 2016)	Jul 03, 2008	Granted	Quality of Service Using Multiple Flows	David Anthony Hughes
6955US	14/679,965 (9549048)	Apr 06, 2015 (Jan 17, 2017)	Nov 20, 2008	Granted	Transferring Compressed Packet Data over a Network	David Anthony Hughes
7052US	14/734,949 (9253277)	Jun 09, 2015 (Feb 02, 2016)	Jul 05, 2007	Granted	Pre-Fetching Stored Data from a Memory	David Anthony Hughes, John Burns

Silver Peak Systems, Inc.  
 Patent Status Summary as of 03/04/2019  
 Carr & Ferrell LLP

C&F No.	Serial No. (Patent No.)	Filed (Issued)	First Filing Date	Status	Title	Inventor(s)
7127US	14/811,482 (9906630)	Jul 28, 2015 (Feb 27, 2018)	Oct 14, 2011	Granted	Processing Data Packets in Performance Enhancing Proxy (PEP) Environment	David Anthony Hughes
7203US	14/859,179 (9438538)	Sep 18, 2015 (Sep 06, 2016)	Aug 02, 2006	Granted	Data Matching Using Flow Based Packet Data Storage	David Anthony Hughes, John Burns, Zhigang Yin
7212US	14/981,814 (10164861)	Dec 28, 2015 (Dec 25, 2018)	Dec 28, 2015	Granted	Dynamic Monitoring and Visualization for Network Health Characteristics	David Anthony Hughes, Santosh Bheemarajiah, Damon John Ennis, David Holt Merwin, Rolf Muralt, Onur Ozduygu, Kevin James Roselle, Pawan Kumar Singh

Silver Peak Systems, Inc.  
 Patent Status Summary as of 03/04/2019  
 Carr & Ferrell LLP

C&F No.	Serial No. (Patent No.)	Filed (Issued)	First Filing Date	Status	Title	Inventor(s)
7336US	15/091,533 (9717021)	Apr 05, 2016 (Jul 25, 2017)	Jul 03, 2008	Granted	Virtual Network Overlay	David Anthony Hughes, Santosh Bheemaraiah, Dannon John Ennis, David Holt Merwin, Rolf Murali, Pawan Kumar Singh, Theodore Ernest Tedjianto, Lokesh Lingarajan, Edward P. Travalia, Krishna Kumar Sadasivam, Shyh Pei Yen, Abhelaksh Thakur, Catrina A. Tor da
7374US	15/148,933	May 06, 2016	Jul 03, 2008	Filed	Virtual Wide Area Network Overlays	Pawan Kumar Singh, Theodore Ernest Tedjianto, Lokesh Lingarajan, Edward P. Travalia, Krishna Kumar Sadasivam, Shyh Pei Yen, Abhelaksh Thakur, Catrina A. Tor da, David Anthony Hughes, Santosh Bheemaraiah, Dannon John Ennis, David Holt Merwin, Rolf Murali

Silver Peak Systems, Inc.  
 Patent Status Summary as of 03/04/2019  
 Carr & Ferrell LLP

Case No.	Serial No. (Patent No.)	Filed (Issued)	First Filing Date	Status	Title	Inventor(s)
7401US	15/180,981	Jun 13, 2016	Jun 13, 2016	Filed	Aggregating Select Network Traffic Statistics	David Anthony Hughes, Pawan Kumar Singh
7441US	15/241,992 (9967056)	Aug 19, 2016 (May 08, 2018)	Aug 19, 2016	Granted	Forward Packet Recovery with Constrained Overhead	David Anthony Hughes
7500US	15/425,798	Feb 06, 2017	Feb 06, 2017	Filed	Multi-level Learning for Classifying Traffic Flows	David Anthony Hughes
7576US	15/403,116 (9961010)	Jan 10, 2017 (May 01, 2018)	Aug 02, 2006	Granted	Communications Scheduler	David Anthony Hughes, Balaji Balasubramanian, Danny Kwok
7647US	15/632,008	Jun 23, 2017	Feb 06, 2017	Filed	Multi-Level Learning for Classifying Traffic Flows from First Packet Data	David Anthony Hughes
7671US	15/712,006	Sep 21, 2017	Sep 21, 2017	Filed	Selective Route Exporting Using Source Type	Jigar Chheda, Manoj Kulkarni, Damon John Ennis, David Anthony Hughes, Rolf Murali, Pawan Kumar Singh, Timothy Robert Hefel

Silver Peak Systems, Inc.  
 Patent Status Summary as of 03/04/2019  
 Carr & Ferrell LLP

C&F No.	Serial No. (Patent No.)	Filed (Issued)	First Filing Date	Status	Title	Inventor(s)
7721US	15/919,121	Mar 12, 2018	Mar 12, 2018	Filed	Detecting Path Break Conditions while Minimizing Network Overhead	David Anthony Hughes, Lokesh Lingarajan
7893US	15/857,560	Dec 28, 2017	Jul 30, 2014	Filed	Determining a Transit Appliance for Data Traffic to a Software Service	David Anthony Hughes, Damon John Ennis, Theodore Ernest Tedjanto, Hon Tat Ho
7905US	15/856,669	Dec 28, 2017	Sep 05, 2014	Filed	Dynamic Monitoring and Authorization of an Optimization Device	David Anthony Hughes, Damon John Ennis
7919US	15/918,807	Mar 12, 2018	Aug 19, 2016	Filed	Forward Packet Recovery with Constrained Network Overhead	David Anthony Hughes
7942US	16/224,482	Dec 18, 2018	Dec 28, 2015	Filed	Dynamic Monitoring and Visualization for Network Health Characteristics	David Anthony Hughes, Santosh Bheemnarajiah, Damon John Ennis, David Holt Merwin, Rolf Muralt, Omur Ozduygu, Kevin James Roselle, Pawan Kumar Singh

Silver Peak Systems, Inc.  
 Patent Status Summary as of 03/04/2019  
 Carr & Ferrell LLP

Cl. No.	Serial No. (Patent No.)	Filed (Issued)	First Filing Date	Status	Title	Inventor(s)
9187US	15/148,671 (10091172)	May 06, 2016 (Oct 02, 2018)	Aug 12, 2005	Granted	Data Encryption in a Network Memory Architecture for Providing Data Based on Local Accessibility	David Anthony Hughes

51 U.S. Issued Patents  
 0 Foreign Issued Patents  
 10 Active U.S. Nonprovisional Applications  
 0 Active U.S. Provisional Applications  
 0 Active PCT Applications  
 0 Active Foreign Applications  
 61 Total

EXHIBIT C

Trademarks





## Silver Peak Trademark Portfolio

Date Generated: March 05, 2019

**PATENT**

**REEL: 048921 FRAME: 0479**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
SILVER PEAK SILVER PEAK	Costa Rica	AN: 2018-0005507	Costa Rica Published Last Status Received: Published January 28, 2019 Filed: June 20, 2018	Silver Peak Systems INC	(Translation) (Int'l Class: 35) Replication and data management services (Translation) (Int'l Class: 41) Educational services, in particular, conducting in-person and online classes, seminars, conferences and workshops in the field of information technology, technology, network architecture, data transmission, network design, network connections, software design and software development; (Translation) (Int'l Class: 42) Scientific and technological services and research and design related thereto; industrial analysis and research services; design and development of hardware and software; computer programming; installation, maintenance and repair of software, computer consulting

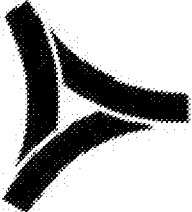
Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>services; design, drawing and writing commissioned for the compilation of websites; creation, maintenance and hosting of third-party websites; software design services, network design, network architecture and connections between network elements; computer services, in particular, hosting services in the cloud; services of optimization and support of software as a service (SaaS), network virtualization services, software services as a service (SaaS), in particular, hosting of global administration software for use by third parties in relation to security and WAN traffic control (wide area network), real-time monitoring of application statistics, location and networks, and historical report of application statistics, location and networks, testing, analysis and evaluation of software, network design, architecture of networks and connections between network elements to determine compliance with certification standards; information, advisory and consulting services in the field of information technology, technology, network architecture, data transmission, network design, network connections, software design and software development.</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
SILVER PEAK	Chile	AN: 1291547	Chile Filed Last Status Received: Filed Filed: June 15, 2018	SILVER PEAK SYSTEMS INC.	(Translation) (Int'l Class: 35) incl. compilation and systematization of information in computer databases, word processing services and document reproduction. ; (Translation) (Int'l Class: 41) incl. educational services, namely, personalized class services and virtual classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, internet network architecture, data transmission, technological designs, computer software design and development of computer software. ; (Translation) (Int'l Class: 42) incl. scientific and technological research and design services related to industrial analysis and research services; design and development of hardware and software; computer programming; installation, maintenance and repair of software, computer consulting services; commissioned design of third- party website creation, software design services, network design, network architecture and connections between network elements; computer services,

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
Design Only	Chile	AN: 1291546	Chile Filed Last Status Received: Filed	SILVER PEAK SYSTEMS INC.	namely services of hosting providers in the computer cloud; software as a service optimization (saas) and software and cloud service support services, network virtualization services, software as a service provider (saas for its acronym in english), in particular, hosting software for hosting global management software for third-party use in relation to security and control issues in the network (wan for its acronym in english), monitoring of network traffic in real time, monitoring of the location application and statistics of real-time networks, as well as the development of the application's report history; development of tests, analysis and evaluation of software, network design, network architecture and connections between elements of the network to determine compliance with certification standards; information, consulting and advisory services in the fields of computer science, computer science, technology, network architecture, network design, network connection, software design and software development
					(Translation) (Int'l Class: 09) incl. hardware for computers, software for data processing and

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REEL: 048921 FRAME: 0482

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
			Filed: June 15, 2018		<p>encryption; software for networks, management and network management; database software with search capability; software for applications, databases and network integration; software for the collection, edition, organization, modification and marking; transmission, storage and exchange of data and information; computer software for the control and management of access to application servers; software for electronic networks, network devices, specifically, hardware and routers (servers) of access to the network. ; (Translation)</p> <p>(Int'l Class: 35) incl. compilation and systematization of information in computer databases, word processing services and document reproduction. ; (Translation)</p> <p>(Int'l Class: 41) incl. educational services, namely, personalized class services and virtual classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, internet network architecture, data transmission, technological designs, computer software design and development of computer software. ;</p>

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**REEL: 048921 FRAME: 0483**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>(Translation) (Int'l Class: 42) incl. scientific and technological research and design services related to industrial analysis and research services; design and development of hardware and software; computer programming; installation, maintenance and repair of software; computer consulting services; commissioned design of third-party website creation, software design services, network design, network architecture and connections between network elements; computer services, namely services of hosting providers in the computer cloud; software as a service optimization (saas) and software and cloud service support services; network virtualization services; software as a service provider (saas for its acronym in english), in particular, hosting software for hosting global management software for third-party use in relation to security and control issues in the network (wan for its acronym in english), monitoring of network traffic in real time, monitoring of the location application and statistics of real-time networks, as well as the development of the application's report history; development of tests, analysis and evaluation of software,</p>


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**REEL: 048921 FRAME: 0484**


Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<u>SILVER PEAK</u>	Argentina	AN: 3717575	Argentina Published Last Status Received: Filed: June 15, 2018	SILVER PEAK SYSTEMS, INC	network design, network architecture and connections between elements of the network to determine compliance with certification standards; information, consulting and advisory services in the fields of computer science, computer science, technology, network architecture, network design, network connection, software design and software development
<u>SILVER PEAK</u>	Argentina	AN: 3717573	Argentina Published Last Status Received: Filed: June 15, 2018	SILVER PEAK SYSTEMS, INC	(Translation) (Int'l Class: 42) Only: scientific and technological research and design services related to industrial analysis and research services; design and development of hardware and software; Computer programming; installation, maintenance and repair of software, computer consulting services; custom design of creation and compilation of third-party websites, software design services, network design, network architecture and connections

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
SILVER PEAK	Argentina	AN: 3717574	Argentina	SILVER PEAK	<p>between network elements; computer services, namely services of hosting providers in the computer cloud; software as a service optimization (saas) and software and cloud service support services, network virtualization services, software as a service provider (saas for its acronym in English), in particular, hosting software for hosting global management software for third party use in relation to security and control issues in the network (wan for its acronym in English), traffic monitoring in the network in real time, monitoring of the location application and statistics of the real-time networks, as well as the development of the report of the application; development of tests, analysis and evaluation of software, network design, network architecture and connections between elements of the network to determine compliance with certification standards; information, consulting and advisory services in the fields of computer science; computer science, technology, res architecture, data transmission, network design, network connection, software design and software development.</p> <p>(Translation)</p>




Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<p><i>Design Only</i></p> 	Argentina	AN: 3717572	<p>Published Last Status Received: Published Filed: June 15, 2018</p> <p>Argentina Published Last Status Received: Published Filed: June 15, 2018</p>	SYSTEMS, INC	<p>(Int'l Class: 41) Only: educational services, specifically, personalized class services and virtual classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, internet network architecture, data transmission, technological designs, design of computer software and computer software development.</p>
<p><i>Design Only</i></p>	Argentina	AN: 3717571	Argentina	SILVER PEAK	<p>(Translation) (Int'l Class: 09) Only: hardware for computers, software for data processing and encryption; software for networks, management and network management; database software with search capability; software for applications, databases and network integration; software for the collection, edition, organization, modification and marking, transmission, storage and exchange of data and information; computer software for the control and management of access to application servers; software for electronic networks, network devices, specifically, hardware and routers (servers) of access to the network.</p> <p>(Translation)</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
			Published Last Status Received: Published Filed: June 15, 2018	SYSTEMS, INC	(Int'l Class: 35) Only: compilation and systematization of information in computer databases, data processing and reproduction services.

<u>Design Only</u> 	Argentina	AN: 3717577	Argentina Published Last Status Received: Published Filed: June 15, 2018	SILVER PEAK SYSTEMS, INC	(Translation) (Int'l Class: 42) Only: scientific and technological research and design services related to industrial analysis and research services; design and development of hardware and software; Computer programming; installation, maintenance and repair of software, computer consulting services; custom design of creation and compilation of third-party websites, software design services, network design, network architecture and connections between network elements; computer services, namely services of hosting providers in the computer cloud; software as a service optimization (saas) and software and cloud service support services, network virtualization services; software as a service provider (saas for its acronym in English), in particular, hosting software for hosting global management software for third-party use in relation to security and control issues in the
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**PATENT**

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Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
 <p>Design Only</p>	Argentina	AN: 3717576	Argentina Published Last Status Received: Published Filed: June 15, 2018	SILVER PEAK SYSTEMS, INC	<p>network (wan for its acronym in English), monitoring of network traffic in real time, monitoring of the location application and statistics of the real-time networks, as well as the development of the report of the application; development of tests, analysis and evaluation of software, network design, network architecture and connections between elements of the network to determine compliance with certification standards; information, consulting and advisory services in the fields of computer science, computer science, technology, res architecture, data transmission, network design, network connection, software design and software development.</p> <p>(Translation) (Int'l Class: 41) Only: educational services, specifically, personalized class services and virtual classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, internet network architecture, data transmission, technological designs, design of computer software and computer software development.</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<u>SILVER PEAK</u> (Sized) <b>SILVER PEAK</b>	Malaysia	AN: 2018006934	Malaysia Allowed Last Status Received: Application pending publication September 6, 2018 Filed: June 14, 2018	Silver Peak Systems, Inc.	(Int'l Class: 35) Data replication and management services; all included in class 35.
<u>SILVER PEAK</u> (Sized) <b>SILVER PEAK</b>	Malaysia	AN: 2018006935	Malaysia Allowed Last Status Received: Application pending publication September 6, 2018 Filed: June 14, 2018	Silver Peak Systems, Inc.	(Int'l Class: 41) Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, data transmissions, network design, network connections, software design, and software development; all included in class 41.
<u>SILVER PEAK</u> (Sized) <b>SILVER PEAK</b>	Malaysia	AN: 2018006936	Malaysia Allowed Last Status Received: Application pending publication September 6, 2018 Filed: June 14, 2018	Silver Peak Systems, Inc.	(Int'l Class: 42) Scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; design, drawing and commissioned writing for the compilation of web sites; creating, maintaining and hosting the web

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Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
Design Only	Malaysia	AN: 2018006933	Malaysia	Silver Peak Systems,	<p>sites of others; design services of software, network design, network architecture, and connections between network elements; computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services; namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; testing, analysis, and evaluation of software, network design, network architecture, and connections between network elements to determine conformity with certification standards; information, advisory and consultancy services in the field of computer science, technology, information technology, networking architecture, data transmission, network design, network connections, software design and software development; all included in class 42.</p> <p>(Int'l Class: 42)</p>




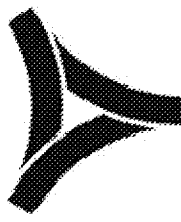
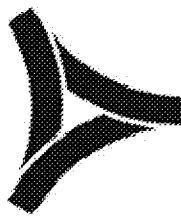
Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
			Allowed Last Status Received: Application pending publication September 6, 2018 Filed: June 14, 2018	Inc.	Scientific and technological services and research and design relating thereto; Industrial analysis and research services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; design, drawing and commissioned writing for the compilation of web sites; creating, maintaining and hosting the web sites of others; design services of software, network design, network architecture, and connections between network elements; computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; testing, analysis, and evaluation of software, network design, network architecture, and connections between network

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**REEL: 048921 FRAME: 0493**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
 <p><i>Design Only</i></p>	Malaysia	AN: 2018006932	Malaysia Allowed Last Status Received: Application pending publication September 6, 2018 Filed: June 14, 2018	Silver Peak Systems, Inc.	(Int'l Class: 41) Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, data transmissions, network design, network connections, software design, and software development; all included in class 42.
 <p><i>Design Only</i></p>	Malaysia	AN: 2018006931	Malaysia Allowed Last Status Received: Application pending publication September 6, 2018 Filed: June 14, 2018	Silver Peak Systems, Inc.	(Int'l Class: 35) Data replication and management services; all included in class 35.
 <p><i>Design Only</i></p>	Malaysia	AN: 2018006930	Malaysia	Silver Peak Systems,	(Int'l Class: 09)



Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<p><b>SELF-DRIVING WAN</b></p>	<p>Canada</p>	<p>AN: 1927326</p>	<p>Allowed Last Status Received: Application pending publication September 6, 2018 Filed: June 14, 2018</p>	<p>Inc.</p>	<p>Computer hardware; computer software for use in data compression and encryption; computer software for networking and network management; computer software for creating searchable databases; computer software for application, database and network integration; computer software for the collection, editing, organizing, modifying, book marking, transmission, storage and sharing of data and information; computer software for controlling and managing access server applications; electronic networking software; networking appliances, namely, network access server hardware and routers; all included in class 9.</p>
<p><b>SELF-DRIVING WAN</b></p>	<p>Canada</p>	<p>AN: 1927326</p>	<p>Canada Filed Last Status Received: Pending Application October 31, 2018 Office Status: Filing date accorded Filed: October 26, 2018</p>	<p>SILVER PEAK SYSTEMS, INC.</p>	<p>(Int'l Class: 09) Goods: (1) Computer hardware; computer software; WAN (wide area network) and SD-WAN (software defined wide area network) hardware; WAN (wide area network) and SD-WAN (software defined wide area network) operating software; computer software for use in data compression and encryption; computer software for networking and network management; computer software for creating searchable databases; computer software for application, database</p>

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REEL: 048921 FRAME: 0494



Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>and network integration; computer software for the collection, editing, organizing, modifying, book marking, transmission, storage and sharing of data and information; computer software for controlling and managing access server applications; electronic networking software; networking appliances, namely, network access server hardware and routers; computer software for use in connection with enhancing application performance for WAN (wide area network) and SD-WAN (software defined wide area network) deployments, latency mitigation and data reduction; computer software for use in connection with securing and controlling WAN (wide area network) traffic; real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; computer programs for machine learning artificial intelligence using data obtained through communication networks (Int'l Class: 35)</p> <p>Services: (1) Data replication and management services (Int'l Class: 41)</p> <p>Services: (2) Education; providing of training; educational services, namely, conducting in-person and</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, wide area networking, data transmissions, network design, network connections, software design, and software development; providing a website featuring blogs and non-downloadable publications in the nature of articles and educational information in the fields of computer science, technology, information technology, networking architecture, wide area networking, data transmissions, network connections, software design, and software development</p> <p>(Int'l Class: 42)</p> <p>Services: (3) Scientific and technological services and research and design relating thereto; industrial analysis and research services; computer services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; design, drawing and commissioned writing for the compilation of web</p>

**PATENT**

**REEL: 048921 FRAME: 0496**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>sites; creating, maintaining and hosting the web sites of others; design services of software, network design, network architecture, and connections between network elements; computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; software as a service (SaaS) services, namely, hosting a map and geolocation database and hosting software for enabling internet traffic control; software as a service (SaaS) services, namely, hosting software for use by others in connection with enhancing application performance for WAN (wide area network) and SD-WAN (software defined wide area network) deployments, latency mitigation and data reduction; testing, analysis, and evaluation of software, network design, network architecture, and</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
SELF-DRIVING WIDE AREA NETWORK	Canada	AN: 1927328	Canada Filed Last Status Received: Pending Application October 31, 2018 Office Status: Filing date accorded Filed: October 26, 2018	SILVER PEAK SYSTEMS, INC.	connections between network elements to determine conformity with certification standards; information, advisory and consultancy services in the field of computer science, technology, information technology, networking architecture, data transmission, network design, network connections, software design and software development; technical support, namely, monitoring of network systems; technical support services, namely, troubleshooting of computer hardware and software problems
					(Int'l Class: 09) Goods: (1) Computer hardware; computer software; WAN (wide area network) and SD-WAN (software defined wide area network) hardware; WAN (wide area network) and SD-WAN (software defined wide area network) operating software; computer software for use in data compression and encryption; computer software for networking and network management; computer software for creating searchable databases; computer software for application, database and network integration; computer software for the collection, editing, organizing, modifying, book marking,

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>transmission, storage and sharing of data and information; computer software for controlling and managing access server applications; electronic networking software; networking appliances, namely, network access server hardware and routers; computer software for use in connection with enhancing application performance for WAN (wide area network) and SD-WAN (software defined wide area network) deployments, latency mitigation and data reduction; computer software for use in connection with securing and controlling WAN (wide area network) traffic; real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; computer programs for machine learning artificial intelligence using data obtained through communication networks (Int'l Class: 35)</p> <p>Services: (1) Data replication and management services (Int'l Class: 41)</p> <p>Services: (2) Education; providing of training; educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information</p>

**PATENT**

**REEL: 048921 FRAME: 0499**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>technology, networking architecture, wide area networking, data transmissions, network design, network connections, software design, and software development; providing a website featuring blogs and non-downloadable publications in the nature of articles and educational information in the fields of computer science, technology, information technology, networking architecture, wide area networking, data transmissions, network design, network connections, software design, and software development (Int'l Class: 42)</p> <p>Services: (3) Scientific and technological services and research and design relating thereto; industrial analysis and research services; computer services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; design, drawing and commissioned writing for the compilation of web sites; creating, maintaining and hosting the web sites of others; design services of software, network design, network</p>

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**REEL: 048921 FRAME: 0500**

**PATENT**

**REEL: 048921 FRAME: 0501**

<b>Mark/Name</b>	<b>Country/Jurisdiction</b>	<b>App. No./Reg. No.</b>	<b>Status/Key Dates</b>	<b>Owner</b>	<b>Full Goods/Services</b>
					<p>architecture, and connections between network elements; computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; software as a service (SaaS) services, namely, hosting a map and geolocation database and hosting software for enabling internet traffic control; software as a service (SaaS) services, namely, hosting software for use by others in connection with enhancing application performance for WAN (wide area network) and SD-WAN (software defined wide area network) deployments, latency mitigation and data reduction; testing, analysis, and evaluation of software, network design, network architecture, and connections between network elements to determine conformity with certification standards; information, advisory and</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
SILVER PEAK	Canada	AN: 1906604	Canada Filed Last Status Received: Pending Application June 28, 2018 Office Status: Filing date accorded Filed: June 27, 2018	SILVER PEAK SYSTEMS, INC.	<p>consultancy services in the field of computer science, technology, information technology, networking architecture, data transmission, network design, network connections, software design and software development; technical support, namely, monitoring of network systems; technical support services, namely, troubleshooting of computer hardware and software problems</p> <p>(Int'l Class: 35) Services: (1) Data replication and management services (Int'l Class: 41) Services: (2) Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, data transmissions, network design, network connections, software design, and software development (Int'l Class: 42) Services: (3) Scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software; computer</p>




Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>programming; installation, maintenance and repair of computer software; computer consultancy services; design, drawing and commissioned writing for the compilation of web sites; creating, maintaining and hosting the web sites of others; Design services of software, network design, network architecture, and connections between network elements; Computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; Testing, analysis, and evaluation of software, network design, network architecture, and connections between network elements to determine conformity with certification standards; Information, advisory and consultancy services in the field of computer science, technology, information technology,</p>

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**REEL: 048921 FRAME: 0503**

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**REEL: 048921 FRAME: 0504**


Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<p><u>Design Only</u></p> 	<p>Canada</p>	<p>AN: 1906614</p>	<p>Canada Filed Last Status Received: Pending Application June 28, 2018 Office Status: Filing date accorded Filed: June 27, 2018</p>	<p>SILVER PEAK SYSTEMS, INC.</p>	<p>networking architecture, data transmission, network design, network connections, software design and software development</p> <p>(Int'l Class: 09) Goods: (1) Computer hardware; computer software for use in data compression and encryption; computer software for networking and network management; computer software for creating searchable databases; computer software for application, database and network integration; computer software for the collection, editing, organizing, modifying, book marking, transmission, storage and sharing of data and information; computer software for controlling and managing access server applications; electronic networking software; networking appliances, namely, network access server hardware and routers (Int'l Class: 35) Services: (1) Data replication and management services (Int'l Class: 41) Services: (2) Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology,</p>

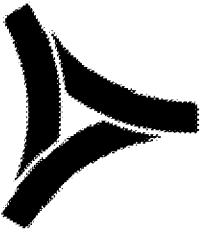
Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>networking architecture, data transmissions, network design, network connections, software design, and software development  (Int'l Class: 42)  Services: (3) Scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; design, drawing and commissioned writing for the compilation of web sites; creating, maintaining and hosting the web sites of others;  Design services of software, network design, network architecture, and connections between network elements;  Computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics,</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
SILVER PEAK	Mexico	AN: M2119599	Mexico Published Last Status Received: Published Filed: June 5, 2018	SILVER PEAK SYSTEMS, INC.	<p>and historical reporting of application, location and networking statistics; Testing, analysis, and evaluation of software, network design, network architecture, and connections between network elements to determine conformity with certification standards; Information, advisory and consultancy services in the field of computer science, technology, information technology, networking architecture, data transmission, network design, network connections, software design and software development</p> <p>(Translation) (Int'l Class: 42) duplication of data; scientific and technological services, as well as related research and design services; industrial analysis and research services; design and development of hardware and software; computer programming; installation, maintenance and repair of software; computer consulting; graphic design for the compilation of web pages on the internet; creation, maintenance and hosting of third-party websites; software design services, networks, network architecture and connections between network elements; computer services, namely</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<u>SILVER PEAK</u>	Mexico	AN: M2119597	Mexico Published Last Status Received: Published Filed: June 5, 2018	SILVER PEAK SYSTEMS, INC.	(Translation) (Int'l Class: 35) data management services.
<u>SILVER PEAK</u>	Mexico	AN: M2119598	Mexico Published Last Status Received: Published Filed: June 5, 2018	SILVER PEAK SYSTEMS, INC.	(Translation) (Int'l Class: 41) educational services, namely, organization of classes, seminars, conferences and face-to-face and online workshops in the field of computer science, technology, information

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
 Design Only	Mexico	AN: M2157115	Mexico Published Last Status Received: Published Filed: June 4, 2018	SILVER PEAK SYSTEMS, INC.	technology, network architecture, data transmission, network design, network connections, software design and software development.
 Design Only	Mexico	AN: M2157117	Mexico Published Last Status Received: Published Filed: June 4, 2018	SILVER PEAK SYSTEMS, INC.	(Translation) (Int'l Class: 41) educational services, namely, organization of classes, seminars, conferences and face-to-face and online workshops in the field of computer science, technology, information technology, network architecture, data transmission, network

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
 Design Only	Mexico	AN: M2157118	Mexico Published Last Status Received: Published Filed: June 4, 2018	SILVER PEAK SYSTEMS, INC.	design , network connections, software design and software development.  (Translation) (Int'l Class: 42) data replication services; scientific and technological services, as well as related research and design services; industrial analysis and research services; design and development of hardware and software; computer programming; installation, maintenance and repair of software; computer consulting; graphic design for the compilation of web pages on the internet; creation, maintenance and hosting of third-party websites; software design services; networks, network architecture and connections between network elements; computer services, namely, services of cloud storage providers; optimization and assistance services for software as a service (saas); network virtualization services; software as a service (saas), namely hosting of global management software for the use of third parties in relation to the protection and control of wan traffic, real-time monitoring of application statistics, location and networks, creation of historical

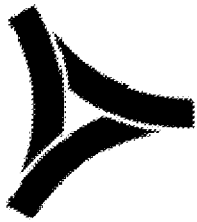
Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
 Design Only	Mexico	AN: M2157116	Mexico Published Last Status Received: Published Filed: June 4, 2018	SILVER PEAK SYSTEMS, INC.	reports of application statistics, networks and location; test, analysis and evaluation of software, network design, network architecture and connections between network elements to determine compliance with certification standards; consultancy, advisory and information services in the fields of computer science, technology, information technology, data transmission, network design, network connections, software design and software development.
SILVER PEAK <u>SILVER PEAK</u> SILVER PEAK	International	RN: 1428499	International Registered Last Status Received: Registered March 1, 2019 Registered: June 5, 2018 Expiration Date: June 5, 2028	SILVER PEAK SYSTEMS, INC.	(Int'l Class: 35) Data management services. (Int'l Class: 41) Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, data



Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>transmissions, network design, network connections, software design, and software development.  (Int'l Class: 42)  Data replication; scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; graphic design for the compilation of web pages on the internet; creating, maintaining and hosting the web sites of others; design services of software, network design, network architecture, and connections between network elements; computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and</p>

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**REEL: 048921 FRAME: 0511**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<p><u>Design Only</u></p> 	<p>International</p>	<p>RN: 1443878</p>	<p>International  Registered  Last Status Received:  Registered June 4,  2018  Expiration Date: June  4, 2028</p>	<p>SILVER PEAK  SYSTEMS, INC.</p>	<p>networking statistics; testing, analysis, and evaluation of software, network design, network architecture, and connections between network elements to determine conformity with certification standards.</p> <p>(Int'l Class: 09)  Computer hardware; computer software for use in data compression and encryption; computer software for networking and network management; computer software for creating searchable databases; computer software for application, database and network integration; computer software for the collection, editing, organizing, modifying, book marking, transmission, storage and sharing of data and information; computer software for controlling and managing access server applications; electronic networking software; networking appliances, namely, network access server hardware and routers.  (Int'l Class: 35)  Data management services.  (Int'l Class: 41)  Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology,</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>information technology, networking architecture, data transmissions, network design, network connections, software design, and software development.  (Int'l Class: 42)  Data replication services; scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; graphic design for the compilation of web pages on the Internet; creating, maintaining and hosting the web sites of others; design services of software, network design, network architecture, and connections between network elements; computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics,</p>

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**REEL: 048921 FRAME: 0513**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<p><u>SILVER PEAK</u></p> <p><b>SILVER PEAK</b></p>	<p>Turkey</p>	<p>AN: 2018/98053</p>	<p>Turkey Published Last Status Received: Published Filed: June 5, 2018</p>	<p>SILVER PEAK SYSTEMS, INC.</p>	<p>(Int'l Class: 35) Data management services. (Int'l Class: 41) Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, data transmissions, network design, network connections, software design, and software development.</p>
<p><u>SILVER PEAK</u></p>	<p>Australia</p>	<p>AN: 1962641</p>	<p>Australia Filed Last Status Received:</p>	<p>SILVER PEAK SYSTEMS, INC.</p>	<p>(Int'l Class: 35) Data management services (Int'l Class: 41)</p>


Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
			Pending Application Office Status: Published: Awaiting examination Filed: June 5, 2018 Int'l Reg Date: June 5, 2018 Expiration Date: June 5, 2028		Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, data transmissions, network design, network connections, software design, and software development (Int'l Class: 42) Data replication; scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; graphic design for the compilation of web pages on the Internet; creating, maintaining and hosting the web sites of others; design services of software, network design, network architecture, and connections between network elements; computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, namely, hosting global management software for

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**REEL: 048921 FRAME: 0516**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<p><u>Design Only</u></p> 	<p>Australia</p>	<p>AN: 1982532</p>	<p>Australia                      Filed                      Last Status Received:                      Pending Application                      Office Status:                      Published: Awaiting                      examination                      Filed: June 4, 2018                      Int'l Reg Date: June 4,                      2018</p>	<p>SILVER PEAK                      SYSTEMS, INC.</p>	<p>use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; testing, analysis, and evaluation of software, network design, network architecture, and connections between network elements to determine conformity with certification standards</p> <p>(Int'l Class: 09)                      Computer hardware; computer software for use in data compression and encryption; computer software for networking and network management; computer software for creating searchable databases; computer software for application, database and network integration; computer software for the collection, editing, organizing, modifying, book marking, transmission, storage and sharing of data and information; computer software for controlling and managing access server applications; electronic networking software; networking appliances, namely, network access server hardware and routers.                      (Int'l Class: 35)</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>Data management services. (Int'l Class: 41) Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, data transmissions, network design, network connections, software design, and software development. (Int'l Class: 42) Data replication services; scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; graphic design for the compilation of web pages on the Internet; creating, maintaining and hosting the web sites of others; design services of software, network design, network architecture, and connections between network elements; computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service</p>





Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>modifying, book marking, transmission, storage and sharing of data and information; computer software for controlling and managing access server applications; electronic networking software; networking appliances, namely, network access server hardware and routers.</p> <p>(Int'l Class: 35) Data replication and management services (data processing services).</p> <p>(Int'l Class: 38) Information, advisory and consultancy services in the field of data transmission and network connections.</p> <p>(Int'l Class: 41) Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, data transmissions, network design, network connections, software design, and software development.</p> <p>(Int'l Class: 42) Scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software;</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>computer programming; installation, maintenance and repair of computer software; computer consultancy services; design, drawing and commissioned writing for the compilation of web sites; creating, maintaining and hosting the web sites of others; Design services of software, network design, network architecture, and connections between network elements; Computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; computer network virtualization services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling wide area network (WAN) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; Testing, analysis, and evaluation of software, network design, network architecture, and connections between network elements to determine conformity with certification standards; Information, advisory and consultancy services in the field of computer science, technology,</p>


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Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
SILVER PEAK	New Zealand	RN: 1105094 AN: 1105094	New Zealand Registered Last Status Received: Registered March 1, 2019 Office Status: Protected Filed: June 5, 2018 Expiration Date: June 5, 2028	SILVER PEAK SYSTEMS, INC.	information technology, networking architecture, network design, software design and software development.  (Int'l Class: 35) Data management services. (Int'l Class: 41) Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, data transmissions, network design, network connections, software design, and software development. (Int'l Class: 42) Data replication; scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; graphic design for the compilation of web pages on the internet; creating, maintaining and hosting the web sites of others; design services of software, network design, network architecture, and connections between network

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REEL: 048921 FRAME: 0521

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
 <p>Design Only</p>	New Zealand	AN: 1111315	<p>New Zealand Allowed Last Status Received: Application pending publication January 31, 2019 Office Status: Accepted Filed: June 4, 2018</p>	SILVER PEAK SYSTEMS, INC.	<p>(Int'l Class: 09) Computer hardware; computer software for use in data compression and encryption; computer software for networking and network management; computer software for creating searchable databases; computer software for application, database and network integration; computer software for the collection, editing, organizing, modifying, book marking, transmission, storage and sharing of data and information; computer</p>
					<p>elements; computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; testing, analysis, and evaluation of software, network design, network architecture, and connections between network elements to determine conformity with certification standards.</p>

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REEL: 048921 FRAME: 0522

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>software for controlling and managing access server applications; electronic networking software; networking appliances, namely, network access server hardware and routers.  (Int'l Class: 35)  Data management services.  (Int'l Class: 41)  Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, data transmissions, network design, network connections, software design, and software development.  (Int'l Class: 42)  Data replication services; scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; graphic design for the compilation of web pages on the Internet; creating, maintaining and hosting the web sites of others; design services of software, network</p>

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**REEL: 048921 FRAME: 0524**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
SILVER PEAK	Brazil	AN: 914930664	Brazil Allowed Last Status Received: Application pending	SILVER PEAK SYSTEMS, INC.	design, network architecture, and connections between network elements; computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; testing, analysis, and evaluation of software, network design, network architecture, and connections between network elements to determine conformity with certification standards; information, advisory and consultancy services in the field of computer science, technology, information technology, networking architecture, data transmission, network design, network connections, software design and software development.
SILVER PEAK	Brazil	AN: 914930664	Brazil Allowed Last Status Received: Application pending	SILVER PEAK SYSTEMS, INC.	(Translation) (Int'l Class: 35) management and data replication services.




Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<u>SILVER PEAK</u>	Brazil	AN: 914930761	Brazil Allowed Last Status Received: Application pending publication Filed: June 27, 2018	SILVER PEAK SYSTEMS, INC.	(Translation) (Int'l Class: 42) scientific and technological services and related research and design; industrial analysis and research services; design and development of computer hardware and software; computer programming [computer science]; installation, maintenance and repair of computer software; computer consultancy services; design, design and texts commissioned for the compilation of web sites; creation, maintenance and hosting of web sites for others; software design services, network design, income architecture and connections between network elements; computer services, namely: provider services for cloud hosting; software as a service [saas], support and optimization services; network virtualization services; software as a service [saas], namely: global hosting management software for use by third parties in connection with wan (wired network) traffic protection and control, real-time monitoring of applications, locations and statistics of networks work and application history reports, locations, and

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REEL: 048921 FRAME: 0525


Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
SILVER PEAK	Brazil	AN: 914930680	Brazil Allowed Last Status Received: Application pending publication Filed: June 27, 2018	SILVER PEAK SYSTEMS, INC.	network statistics; testing, analysis and evaluation of software, network design, network architecture, and connections between network elements to determine compliance with certification standards; information services, advice and consulting in the field of computer science; technology, information technology, networking architecture, data transmission, network design, network connections, software design and software development.
Design Only	Brazil	AN: 914930524	Brazil Allowed Last Status Received: Application pending publication Filed: June 27, 2018	SILVER PEAK SYSTEMS, INC.	(Translation) (Int'l Class: 41) services, namely: conducting classes, seminars, conferences and workshops, both online and in the field of computer science, technology, information technology, network architecture, data transmission, network development, connections network design, program design and program development.



Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>technology, network architecture, data transmission, network development, connections network design, program design and program development.</p>
 Design Only	Brazil	AN: 914930400	Brazil Allowed Last Status Received: Application pending publication Filed: June 27, 2018	SILVER PEAK SYSTEMS, INC.	(Translation) (Int'l Class: 35) management and data replication services.
 Design Only	Brazil	AN: 914930338	Brazil Allowed Last Status Received: Application pending publication Filed: June 27, 2018	SILVER PEAK SYSTEMS, INC.	(Translation) (Int'l Class: 09) computer hardware; computer programs for use in data compression and encryption; computer programs for the management of networks and networks; computer programs to create searchable databases; computer programs for application, database and network integration; computer programs to collect, edit, organize, modify, add, transmit, store and share data and information; computer programs to control and manage access to server applications; electronic work network programs; networking devices, namely: server hardware and routers for

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REEL: 048921 FRAME: 0527

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
 <p>Design Only</p>	Brazil	AN: 914930613	Brazil Allowed Last Status Received: Application pending publication Filed: June 27, 2018	SILVER PEAK SYSTEMS, INC.	(Translation) (Int'l Class: 42) scientific and technological services and related research and design; industrial analysis and research services; design and development of computer hardware and software; computer programming [computer science]; installation, maintenance and repair of computer software; computer consultancy services; design, design and texts commissioned for the compilation of web sites; creation, maintenance and hosting of web sites for others; software design services, network design, income architecture and connections between network elements; computer services, namely: provider services for cloud hosting; software as a service [saas], support and optimization services; network virtualization services; software as a service [saas], namely: global hosting management software for use by third parties in connection with wan (wired network) traffic protection and control, real-time monitoring of applications, locations and statistics of networks work and application history reports, locations, and network statistics; testing,

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
SILVER PEAK	Colombia	AN: SD20180084275	Colombia Filed Last Status Received: Pending Application Filed: June 5, 2018	SILVER PEAK SYSTEMS, INC.	<p>analysis and evaluation of software, network design, network architecture, and connections between network elements to determine compliance with certification standards; information services, advice and consulting in the field of computer science; technology, information technology, networking architecture, data transmission, network design, network connections, software design and software development.</p> <p>(Translation) (Int'l Class: 35) ]: data management services (Translation) (Int'l Class: 41) ]: educational services, namely, organization of classes, seminars, conferences and face-to-face and online workshops in the field of computer science, technology, information technology, network architecture, data transmission, design of networks, network connections, software design and software development (Translation) (Int'l Class: 42) ]: duplication of data; scientific and technological services, as well as related research and design services; industrial</p>

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REEL: 048921 FRAME: 0529

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
Design Only	Colombia	AN: SD20190001319	Colombia	SILVER PEAK	(Translation) analysis and research services; design and development of hardware and software; computer programming; installation, maintenance and repair of software; computer consulting; graphic design for the compilation of web pages on the internet; creation, maintenance and hosting of third-party websites; software design services; networks, network architecture and connections between network elements; computer services, namely services of cloud storage providers; optimization services and software as a service (saas) assistance; network virtualization services; software as a service (saas) services, namely hosting of global management software for the use of third parties in relation to the protection and control of wan traffic, real-time monitoring of application statistics, location and networks, creation of historical reports of application statistics, networks and location; testing, analysis and evaluation of software, network design, network architecture and connections between network elements to determine compliance with certification standards

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REEL: 048921 FRAME: 0530



Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
			Filed Last Status Received: Pending Application Filed: June 4, 2018	SYSTEMS, INC.	<p>(Int'l Class: 09) : hardware; computer software for compression and data encryption; computer software for networking and network management; software for the creation of searchable databases; computer software for the integration of networks; applications and databases; software to collect, edit, organize, modify, bookmark, transmit, store and share data and information; application control and management software for access servers; electronic networking software; Networking devices, namely routers and network access server hardware (Translation) (Int'l Class: 35) ]: data management services (Translation) (Int'l Class: 41) ]: educational services, namely, organization of classes, seminars, conferences and face-to-face and online workshops in the field of computer science, technology, information technology, network architecture, data transmission, design of networks, network connections, software design and software development (Translation) (Int'l Class: 42) ]: data replication services;</p>

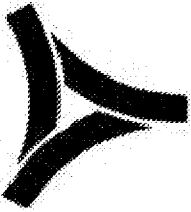
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REEL: 048921 FRAME: 0531

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>scientific and technological services, as well as related research and design services; industrial analysis and research services; design and development of hardware and software; computer programming; installation, maintenance and repair of software; computer consulting; graphic design for the compilation of web pages on the internet; creation, maintenance and hosting of third-party websites; software design services, networks, network architecture and connections between network elements; computer services, namely services of cloud storage providers; optimization services and software as a service (saas) assistance; network virtualization services; software as a service (saas) services, namely hosting of global management software for the use of third parties in relation to the protection and control of wan traffic, real-time monitoring of application statistics, location and networks, creation of historical reports of application statistics, networks and location; testing, analysis and evaluation of software, network design, network architecture and connections between network elements to determine compliance with certification</p>

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**REEL: 048921 FRAME: 0532**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<p><u>Design Only</u></p> 	<p>Costa Rica</p>	<p>AN: 2018-0005508</p>	<p>Costa Rica Published Last Status Received: Published January 28, 2019 Filed: June 20, 2018</p>	<p>SILVER PEAK SYSTEMS, INC.</p>	<p>standards; consultancy, advisory and information services in the fields of computer science, technology, information technology, network architecture, data transmission, network design, network connections, software design and software development</p> <p>(Translation) (Int'l Class: 09) Hardware for computers, software for use in data compression and encryption, software for networks and network administration, software for creating databases with search capability, software for the integration of applications, databases and networks, software for the collection, editing, organization, modification, marking, transmission, storage and exchange of data and information, software to control and manage access server applications, software of electronic networks, network devices, in particular, hardware and routers of the access server to the net; (Translation) (Int'l Class: 35) Replication and data management services; (Translation)</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>(Int'l Class: 41)  Educational services, in particular, conducting in person and online classes, seminars, conferences and workshops in the field of information technology, technology, network architecture, data transmissions, network design, network connections, design software and software development; (Translation)  (Int'l Class: 42)  Scientific and technological services and research and design related thereto, industrial analysis and research services, design and development of hardware and software, computer programming, installation, maintenance and repair of software; consulting services in computer science, design, drawing and custom writing for the compilation of websites, creation, maintenance and hosting of third-party websites, software design services, network design, network architecture and connections between network elements, computer services, in particular, provider services cloud hosting, optimization services and software as a service (SaaS) support, network virtualization services, software services as a service (SaaS), in particular, global management software</p>

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**REEL: 048921 FRAME: 0534**



Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
SILVER PEAK	European Union	RN: 014226898 AN: 014226898	European Union Registered Last Status Received: Registered December 16, 2015 Filed: June 9, 2015 Registered: December 14, 2015 Expiration Date: June 9, 2025	Silver Peak Systems, Inc. (Corporation Delaware)	(Int'l Class: 09) Computer hardware; computer software; computer software for use in data compression and encryption; computer software for networking and network management; computer software for creating searchable databases; computer software for application, database and network integration; computer software for the collection, editing, organizing, modifying, book marking, transmission, storage and sharing of data and

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>information; computer software for controlling and managing access server applications; electronic networking software; networking appliances.  (Int'l Class: 35)  Data replication and management services.  (Int'l Class: 41)  Educational and training services; seminars; workshops; conferences; information, advisory and consultancy services relating to the aforesaid.  (Int'l Class: 42)  Scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; design, drawing and commissioned writing for the compilation of web sites; creating, maintaining and hosting the web sites of others; design services; technical support, namely, monitoring of network systems; technical support services, namely, troubleshooting of computer hardware and software problems; cloud computing services; Software as a service (SaaS) optimization and support</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<u>FIRST PACKET ID</u>	United States (Federal)	SN: 87676186	Allowed - Intent to Use Notice of Allowance Issued September 18, 2018 Int'l Class: 42 First Use: July 7, 2016 Filed: November 8, 2017	Silver Peak Systems, Inc. (Delaware Corp.)	(Int'l Class: 09) computer programs for machine learning artificial intelligence using data obtained through communication networks (Int'l Class: 42) software as a service (saas) services, namely, hosting a map and geolocation database and hosting software for enabling internet traffic control
<u>SELF-DRIVING WAN</u>	United States (Federal)	SN: 88163191	Pending - Examiner's Amendment/Priority Action Mailed February 4, 2019 Filed: October 21, 2018	Silver Peak Systems, Inc. (Delaware Corp.)	(Int'l Class: 09) Computer hardware; computer software; WAN (wide area network) and SD-WAN (software defined wide area network) hardware; WAN (wide area network) and SD-WAN (software defined wide area network) operating software; computer software for use in data compression and encryption; computer software for networking and network management; computer software for creating searchable databases; computer software for application, database and network integration; computer software for the collection, editing, organizing,

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>modifying, book marking, transmission, storage and sharing of data and information; computer software for controlling and managing access server applications; electronic networking software; networking appliances, namely, network access server hardware and routers; computer software for use in connection with enhancing application performance for WAN (wide area network) and SD-WAN (software defined wide area network) deployments, latency mitigation and data reduction; computer software for use in connection with securing and controlling WAN (wide area network) traffic; real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; computer programs for machine learning artificial intelligence using data obtained through communication networks</p> <p>(Int'l Class: 35) Data replication and management services</p> <p>(Int'l Class: 41) Education; providing of training; educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology,</p>

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Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>information technology, networking architecture, wide area networking, data transmissions, network design, network connections, software design, and software development; providing a website featuring blogs and non-downloadable publications in the nature of articles and educational information in the fields of computer science, technology, information technology, networking architecture, wide area networking, data transmissions, network design, network connections, software design, and software development (Int'l Class: 42)</p> <p>Scientific and technological services and research and design relating thereto; industrial analysis and research services; computer services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; design, drawing and commissioned writing for the compilation of web sites; creating, maintaining and hosting the web sites of others; design services of software, network design, network architecture, and connections</p>

**PATENT**

**REEL: 048921 FRAME: 0539**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>between network elements; computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; software as a service (SaaS) services, namely, hosting a map and geolocation database and hosting software for enabling internet traffic control; software as a service (SaaS) services, namely, hosting software for use by others in connection with enhancing application performance for WAN (wide area network) and SD-WAN (software defined wide area network) deployments, latency mitigation and data reduction; testing, analysis, and evaluation of software, network design, network architecture, and connections between network elements to determine conformity with certification standards; information, advisory and consultancy services in the field</p>

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**REEL: 048921 FRAME: 0540**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<p><u>SELF-DRIVING WIDE AREA NETWORK</u></p>	<p>United States (Federal)</p>	<p>SN: 88163193</p>	<p>Pending - Examiner's Amendment/Priority Action Mailed February 4, 2019                      Filed: October 21, 2018</p>	<p>Silver Peak Systems, Inc. (Delaware Corp.)</p>	<p>of computer science, technology, information technology, networking architecture, data transmission, network design, network connections, software design and software development; technical support, namely, monitoring of network systems; technical support services, namely, troubleshooting of computer hardware and software problems</p> <p>(Int'l Class: 09)                      Computer hardware; computer software; WAN (wide area network) and SD-WAN (software defined wide area network) hardware; WAN (wide area network) and SD-WAN (software defined wide area network) operating software; computer software for use in data compression and encryption; computer software for networking and network management; computer software for creating searchable databases; computer software for application, database and network integration; computer software for the collection, editing, organizing, modifying, book marking, transmission, storage and sharing of data and information; computer software for controlling and managing access server applications; electronic</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>networking software; networking appliances, namely, network access server hardware and routers; computer software for use in connection with enhancing application performance for WAN (wide area network) and SD-WAN (software defined wide area network) deployments, latency mitigation and data reduction; computer software for use in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; computer programs for machine learning artificial intelligence using data obtained through communication networks</p> <p>(Int'l Class: 35) Data replication and management services</p> <p>(Int'l Class: 41) Education; providing of training; educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, wide area networking; data transmissions, network design, network connections, software design, and software</p>

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**REEL: 048921 FRAME: 0542**



Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>development; providing a website featuring blogs and non-downloadable publications in the nature of articles and educational information in the fields of computer science, technology, information technology, networking architecture, wide area networking; data transmissions, network design, network connections, software design, and software development  (Int'l Class: 42)  Scientific and technological services and research and design relating thereto; industrial analysis and research services; computer services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; design, drawing and commissioned writing for the compilation of web sites; creating, maintaining and hosting the web sites of others; design services of software, network design, network architecture, and connections between network elements; computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization</p>

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**REEL: 048921 FRAME: 0543**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; software as a service (SaaS) services, namely, hosting a map and geolocation database and hosting software for enabling internet traffic control; software as a service (SaaS) services, namely, hosting software for use by others in connection with enhancing application performance for WAN (wide area network) and SD-WAN (software defined wide area network) deployments, latency mitigation and data reduction; testing, analysis, and evaluation of software, network design, network architecture, and connections between network elements to determine conformity with certification standards; information, advisory and consultancy services in the field of computer science, technology, information technology, networking architecture, data transmission, network design, network connections, software design and software</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
SILVER PEAK	United States (Federal)	SN: 87768388	Allowed - Intent to Use Statement of Use - Registration Review Complete February 28, 2019 Int'l Class: 35, 41, 42 First Use: July 13, 2005 Filed: January 24, 2018	Silver Peak Systems, Inc. (Delaware Corp.)	development; technical support, namely, monitoring of network systems; technical support services, namely, troubleshooting of computer hardware and software problems  (Int'l Class: 35) Data replication and management services (Int'l Class: 41) Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, data transmissions, network design, network connections, software design, and software development (Int'l Class: 42) Scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consultancy services; design, drawing and commissioned writing for the compilation of web sites; creating, maintaining and hosting the web sites of others; Design services of

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REEL: 048921 FRAME: 0545

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<u>SILVER PEAK</u>	United States (Federal)	RN: 3280494 SN: 78537443	Renewed August 14, 2017 Int'l Class: 09,42 First Use: November,	Silver Peak Systems, Inc. (Delaware Corp.)	(Int'l Class: 09) computer hardware; computer software for use in data compression and encryption;
					software, network design, network architecture, and connections between network elements; Computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; Testing, analysis, and evaluation of software, network design, network architecture, and connections between network elements to determine conformity with certification standards; Information, advisory and consultancy services in the field of computer science, technology, information technology, networking architecture, data transmission, network design, network connections, software design and software development

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REEL: 048921 FRAME: 0546

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
			<p>2005 Filed: December 22, 2004 Registered: August 14, 2007</p>		<p>computer software for networking and network management; computer software for creating searchable databases; computer software for application, database and network integration; computer software for the collection, editing, organizing, modifying, book marking, transmission, storage and sharing of data and information; computer software for controlling and managing access server applications (Int'l Class: 42) technical support, namely, monitoring of network systems; technical support services, namely, troubleshooting of computer hardware and software problems</p>
UNITY BOOST	United States (Federal)	SN: 87768397	<p>Allowed - Intent to Use 1st Extension of Time Granted November 28, 2018 Filed: January 24, 2018</p>	Silver Peak Systems, Inc. (Delaware Corp.)	<p>(Int'l Class: 09) wan (wide area network) and sd-wan (software defined wide area network) operating software; computer software for use in connection with enhancing application performance for wan (wide area network) and sd-wan (software defined wide area network) deployments, latency mitigation and data reduction (Int'l Class: 42) software as a service (saas) services, namely, hosting software for use by others in connection with enhancing</p>

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<u>UNITY</u> <u>EDGECONNECT</u>	United States (Federal)	SN: 87768391	Allowed - Intent to Use Statement of Use - Registration Review Complete January 29, 2019 Int'l Class: 09 First Use: June 15, 2015 Filed: January 24, 2018	Silver Peak Systems, Inc. (Delaware Corp.)	application performance for wan (wide area network) and sd-wan (software defined wide area network) deployments, latency mitigation and data reduction  (Int'l Class: 09) Computer hardware; WAN (wide area network) and SD-WAN (software defined wide area network) hardware; WAN (wide area network) and SD-WAN (software defined wide area network) operating software; computer software for use in data compression and encryption; computer software for networking and network management; computer software for creating searchable databases; computer software for application, database and network integration; computer software for the collection, editing, organizing, modifying, book marking, transmission, storage and sharing of data and information; computer software for controlling and managing access server applications; electronic networking software; networking appliances, namely, network access server hardware and routers
<u>UNITY</u> <u>ORCHESTRATOR</u>	United States (Federal)	RN: 5671407 SN: 87768394	Registered February 5, 2019	Silver Peak Systems, Inc. (Delaware Corp.)	(Int'l Class: 09) WAN (wide area network) and

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
			<p>Int'l Class: 09,42            First Use: June 15, 2015            Filed: January 24, 2018</p>		<p>SD-WAN (software defined wide area network) operating software; computer software for use in connection with securing and controlling WAN (wide area network) traffic; real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics (Int'l Class: 42)</p> <p>Software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic; real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics (Int'l Class: 42)</p>
WANSPEAK	United States (Federal)	<p>RN: 5671408            SN: 87768399</p>	<p>Registered February 5, 2019            Int'l Class: 41            First Use: January 26, 2011            Filed: January 24, 2018</p>	Silver Peak Systems, Inc. (Delaware Corp.)	<p>(Int'l Class: 41)            Providing a website featuring blogs and non-downloadable publications in the nature of articles and educational information in the field of wide area networking</p>
Design Only	United States (Federal)	SN: 87772747	<p>Allowed - Intent to Use Statement of Use - Registration Review Complete February 19, 2019            Int'l Class: 09,35,41,42</p>	Silver Peak Systems, Inc. (Delaware Corp.)	<p>(Int'l Class: 09)            Computer hardware; computer software for use in data compression and encryption; computer software for networking and network management;</p>



Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
			First Use: August, 2014 Filed: January 26, 2018		computer software for creating searchable databases; computer software for application, database and network integration; computer software for the collection, editing, organizing, modifying, book marking, transmission, storage and sharing of data and information; computer software for controlling and managing access server applications; electronic networking software; networking appliances, namely, network access server hardware and routers (Int'l Class: 35) Data replication and management services (Int'l Class: 41) Educational services, namely, conducting in-person and on-line classes, seminars, conferences and workshops in the fields of computer science, technology, information technology, networking architecture, data transmissions, network design, network connections, software design, and software development (Int'l Class: 42) Scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software;

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Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>computer programming; installation, maintenance and repair of computer software; computer consultancy services; design, drawing and commissioned writing for the compilation of web sites; creating, maintaining and hosting the web sites of others; Design services of software, network design, network architecture, and connections between network elements; Computer services, namely, cloud hosting provider services; software as a service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, namely, hosting global management software for use by others in connection with securing and controlling WAN (wide area network) traffic, real-time monitoring of application, location and networking statistics, and historical reporting of application, location and networking statistics; Testing, analysis, and evaluation of software, network design, network architecture, and connections between network elements to determine conformity with certification standards; Information, advisory and consultancy services in the field of computer science, technology, information technology,</p>

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**REEL: 048921 FRAME: 0551**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<p>SILVER PEAK</p> <p>SILVER PEAK</p>	<p>Taiwan</p>	<p>AN: 107041751</p>	<p>Taiwan Other Filed: June 29, 2018</p>	<p>SILVER PEAK SYSTEMS, INC. 美國 United States of America</p> <p>銀峰系統公司 美國 United States of America</p>	<p>networking architecture, data transmission, network design, network connections, software design and software development</p> <p>(Translation) (Int'l Class: 35) Data replication and data management services. (Translation) (Int'l Class: 41) Educational services such as face-to-face and online courses, seminars, conferences and workshops in the areas of computer science, technology, information technology, network architecture, data transmission, network design, internet connectivity, software design and software development. (Translation) (Int'l Class: 42) Scientific services and technical services, research and design related to them; industrial analysis and research services; design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consulting services; Design, drawing and commission writing; creation, maintenance and hosting of other websites; software design services, network design, network architecture,</p>


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REEL: 048921 FRAME: 0552

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>connections between network components; computer services such as cloud hosting provider services; software Service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, such as escrow for others to use to protect and control WAN (wide area network) traffic, instant monitoring of usage, location and Internet statistics And global management software for historical reports on usage, location, and Internet statistics; testing, analyzing, and evaluating software, network design, network architecture, and connectivity between network components to determine compliance with certification standards; in computer science, technology , information technology, network architecture, data transmission, network design, network connectivity Software design and software development and other fields of information, guidance and counseling services.</p>
<p>角 and Design</p>	<p>Taiwan</p>	<p>AN: 107041753</p>	<p>Taiwan Other Filed: June 29, 2018</p>	<p>SILVER PEAK SYSTEMS, INC. 美國 United States of America</p>	<p>(Translation) (Int'l Class: 09) Computer hardware, computer software for data compression and encryption; computer software for network and network management; computer software</p>

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REEL: 048921 FRAME: 0553

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
				銀峰系統公司 美國 United States of America	for creating searchable databases; computer software for applications, databases and network integration Computer software for the collection, editing, organization, modification, bookmarking, transmission, storage and sharing of materials and information; computer software for controlling and managing access to server applications; electronic networking software; network devices such as the Internet Road access to server hardware and routers. (Translation) (Int'l Class: 35) Data replication and data management services. (Translation) (Int'l Class: 41) Educational services such as face-to-face and online courses, seminars, conferences and workshops in the areas of computer science, technology, information technology, network architecture, data transmission, network design, Internet connectivity, software design and software development. (Translation) (Int'l Class: 42) Scientific services and technical services, research and design related to them; industrial analysis and research services;

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REEL: 048921 FRAME: 0554

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
					<p>design and development of computer hardware and software; computer programming; installation, maintenance and repair of computer software; computer consulting services; Design, drawing and commission writing; creation, maintenance and hosting of other websites; software design services, network design, network architecture, connections between network components; computer services such as cloud hosting provider services; software Service (SaaS) optimization and support services; network virtualization services; software as a service (SaaS) services, such as escrow for others to use to protect and control WAN (wide area network) traffic, instant monitoring of usage, location and Internet statistics And global management software for historical reports on usage, location, and Internet statistics; testing, analyzing, and evaluating software, network design, network architecture, and connectivity between network components to determine compliance with certification standards; in computer science, technology , information technology, network architecture, data transmission, network design, network connectivity Software design and software</p>

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**REEL: 048921 FRAME: 0555**

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
<u>SILVER PEAK</u> <u>Design</u>	China	AN: 26783738	China Filed Last Status Received: Pending Application Filed: October 10, 2017	银峰系统公司 加利福尼亚州95050圣 克拉拉市德拉科鲁兹大 道2860号 United States of America	Int'l Class(es): 42
<u>SILVER PEAK</u>	China	RN: 26783738A AN: 26783738A	China Registered Last Status Received: Registered Filed: October 10, 2017 Registered: November 14, 2018 Expiration Date: November 13, 2028	银峰系统公司	(Translation) (Int'l Class: 42) scientific research; industrial design; technical research
<u>SILVER PEAK</u>			China Registered Last Status Received: Registered Filed: October 10, 2017 Registered: October 21, 2018 Expiration Date: October 20, 2028	银峰系统公司	(Translation) (Int'l Class: 41) arranging and conducting of seminars; arranging and conducting of conferences; teaching / educational services / instruction services; education information; arranging and conducting of workshops [training]; coaching [training]; teaching / educational services / instruction services

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REEL: 048921 FRAME: 0556

Mark/Name	Country/Jurisdiction	App. No./Reg. No.	Status/Key Dates	Owner	Full Goods/Services
SILVER PEAK and Design	China	AN: 26783740	China Filed Last Status Received: Pending Application Filed: October 10, 2017	银峰系统公司 加利福尼亚州95050圣 克拉拉市德拉科鲁兹大 道2860号 United States of America  SILVER PEAK SYSTEMS, INC. 2860 DE LA CRUZ BLVD., SANTA CLARA, CALIFORNIA 95050, U.S.A United States of America	Intl Class(es): 9

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EXHIBIT D

Mask Works

None.