

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5959840

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ELASTIC BEAM, LLC	04/12/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PING IDENTITY CORPORATION
<b>Street Address:</b>	1001 17TH STREET
<b>Internal Address:</b>	SUITE 100
<b>City:</b>	DENVER
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80202
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16788059
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)842-7899
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<b>Phone:</b>	703-456-8000
<b>Email:</b>	vtevalt@cooley.com
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<b>Address Line 1:</b>	1299 PENNSYLVANIA AVENUE
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<b>Address Line 4:</b>	WASHINGTON, D.C. 20004-2400
<b>ATTORNEY DOCKET NUMBER:</b>	PING-032/03US 304324-2138
<b>NAME OF SUBMITTER:</b>	DAVID W. HOPKINS
<b>SIGNATURE:</b>	/David W. Hopkins/
<b>DATE SIGNED:</b>	02/12/2020
<b>Total Attachments: 5</b>	
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## **PATENT ASSIGNMENT**

**THIS PATENT ASSIGNMENT** (this "Assignment") is made and entered into as of this 12th day of April, 2018 ("Effective Date"), by and between Elastic Beam, LLC, ("Assignor"), and Ping Identity Corporation, ("Assignee").

**WHEREAS**, Assignor is the owner of the U.S. patents and patent applications set forth on Schedule A hereto, and the foreign patents and patent applications identified and set forth on Schedule B hereto (collectively, the "Patents"); and

**WHEREAS**, Assignor wishes to assign to Assignee, and Assignee accepts, the entire right, title and interest, in the United States of America and in all other countries, to the Patents.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, the entire right, title and interest in and to the Patents, for the United States and for all foreign countries, including any continuations, divisions, continuations-in-part, reissues, reexaminations, extensions or foreign equivalents thereof, and including the subject matter of all claims which may be obtained therefrom for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all income, royalties, damages or payments due or payable as of the Effective Date or thereafter, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patents, with the right to sue for, and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives.

Assignor authorizes and requests the Commissioner of Patents and Trademarks to record Assignee as owner of the Patents, including any continuations, divisions, continuations-in-part, reissues, reexaminations or extensions thereof, and to issue any and all letters patent of the United States thereon to Assignee, as assignee of the entire right, title and interest in, to and under the same, for the sole use and enjoyment of Assignee, its successors, assigns or other legal representatives.

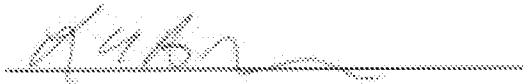
Assignor shall take all further actions, and provide to Assignee, Assignee's successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all affidavits, declarations, oaths, samples, exhibits, specimens, assignments, powers of attorney or other documentation), reasonably requested by Assignee to more fully and effectively effectuate the purposes of this Assignment, including, without limitation, with respect to the following: (1) the preparation and prosecution of any application for registration, or any application for renewal of a registration, relating to any of the rights assigned herein; (2) the prosecution or defense of any interference, opposition, infringement or other proceedings that may arise in connection with any of the rights assigned herein, including, without limitation, testifying as to any facts relating to the Patents and this Assignment; (3) obtaining any additional patent protection relating to rights assigned herein that

Assignee reasonably may deem appropriate that may be secured under the laws now or hereafter in effect in the United States or in any foreign country; and (4) in the implementation or perfection of this Assignment in all applicable jurisdictions throughout the world.

\* \* \*

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by their duly authorized representatives as of the Effective Date.

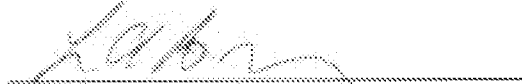
Elastic Beam, LLC



Name: Lauren Romer

Title: Vice President and Secretary

Ping Identity Corporation



Name: Lauren Romer

Title: Chief Legal Officer, Secretary

## **SCHEDULE A**

### **U.S. Patents**

**None.**

### **U.S. Patent Applications**

<b>Name</b>	<b>Application Number</b>	<b>Filing Date</b>	<b>Owner</b>
1. <b>Multi-Protocol API Load Balancer with Firewall</b>	US 62/167,165	5/27/2015	Elastic Beam, LLC
2. <b>Scalable Proxy Clusters</b>	US 15/164,512	5/25/2016	Elastic Beam, LLC
3. <b>Systems and Methods for API Routing and Security</b>	US 15/164,555	5/25/2016	Elastic Beam, LLC
4. <b>Methods and Systems for API Proxy Based Adaptive Security</b>	US 15/164,587	5/25/2016	Elastic Beam, LLC
5. <b>Methods and Systems for API Deception Environment and API Traffic Control and Security</b>	US 15/792,850	10/25/2017	Elastic Beam, LLC
6. <b>Methods and Systems for Deep Learning Based API Traffic Security</b>	US 15/793,671	10/25/2017	Elastic Beam, LLC

**SCHEDULE B**

**Foreign Patents**

None.

**Foreign Patent Applications**

<b>Name</b>	<b>Application Number</b>	<b>Filing Date</b>	<b>Owner</b>
1. <b>API Flow Control and Automated Histogram and Mixture Model Computation For Layer 7 API Traffic Security</b>	IN 201611036787	10/26/2016	Elastic Beam, LLC
2. <b>Multi-Level Sequencing Outlier Detection System and API Deception Environment for Layer 7 API Traffic Security using Deep Learning Artificial Intelligence</b>	IN 201711036534	10/13/2017	Elastic Beam, LLC