

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4824500

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	FIRST LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT	
SEQUENCE:	1	
CONVEYING PARTY DATA		
Name		Execution Date
BARRACUDA NETWORKS, INC.		02/12/2018
RECEIVING PARTY DATA		
Name:	GOLDMAN SACHS BANK USA, AS COLLATERAL AGENT	
Street Address:	200 WEST STREET	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10282	
PROPERTY NUMBERS Total: 78		
Property Type	Number	
Patent Number:	6097697	
Patent Number:	6778941	
Patent Number:	7010611	
Patent Number:	7093287	
Patent Number:	7093294	
Patent Number:	7103913	
Patent Number:	7149222	
Patent Number:	7149795	
Patent Number:	7254038	
Patent Number:	7272155	
Patent Number:	7328247	
Patent Number:	7519727	
Patent Number:	7688815	
Patent Number:	7788291	
Patent Number:	7836267	
Patent Number:	7861300	
Patent Number:	7877789	
Patent Number:	7898953	
Patent Number:	7917756	

PATENT

Property Type	Number
Patent Number:	7917943
Patent Number:	7930428
Patent Number:	7970899
Patent Number:	7974288
Patent Number:	7987267
Patent Number:	7996475
Patent Number:	8050251
Patent Number:	8069244
Patent Number:	8122493
Patent Number:	8204948
Patent Number:	8219644
Patent Number:	8280895
Patent Number:	8285997
Patent Number:	8434140
Patent Number:	8443193
Patent Number:	8447856
Patent Number:	8463797
Patent Number:	8527549
Patent Number:	8555365
Patent Number:	8559450
Patent Number:	8571042
Patent Number:	8725704
Patent Number:	8726384
Patent Number:	8775604
Patent Number:	8788597
Patent Number:	8788831
Patent Number:	8789178
Patent Number:	8831030
Patent Number:	8838965
Patent Number:	8843612
Patent Number:	8849836
Patent Number:	8977661
Patent Number:	9021017
Patent Number:	9152466
Patent Number:	9195668
Patent Number:	9262643
Patent Number:	9373001
Patent Number:	9465598

Property Type	Number
Patent Number:	9680818
Patent Number:	9755988
Application Number:	15413315
Application Number:	15693318
Application Number:	15693353
Application Number:	15693367
Application Number:	15814250
Application Number:	62535191
Application Number:	62537382
Application Number:	62609730
Application Number:	15147277
Application Number:	15017490
Application Number:	15012663
Application Number:	15009685
Application Number:	15130923
Application Number:	15077965
Application Number:	15222794
Application Number:	15586213
Application Number:	15263927
Application Number:	15377178
Application Number:	15600511

CORRESPONDENCE DATA

Fax Number: (714)755-8290

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Phone: 7145401235

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Correspondent Name: LATHAM & WATKINS LLP

Address Line 1: 650 TOWN CENTER DRIVE, 20TH FLOOR

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ATTORNEY DOCKET NUMBER:	049646-0418
NAME OF SUBMITTER:	KRISTIN J AZCONA
SIGNATURE:	/KJA/
DATE SIGNED:	02/14/2018

Total Attachments: 18

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FIRST LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT

FIRST LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, the “**IP Security Agreement**”) dated as of February 12, 2018, is made by the Persons listed on the signature pages hereof (collectively, the “**Grantors**”) in favor of Goldman Sachs Bank USA, acting through one or more of its branches or any Affiliate thereof (“**GS**”), as collateral agent (in such capacity, together with any successor collateral agent appointed pursuant to Article IX of the Credit Agreement, the “**Collateral Agent**”) for the Secured Parties (as defined in the Credit Agreement referred to below).

WHEREAS, BARRACUDA HOLDINGS, LLC, a Delaware limited liability company (“**Holdings**”), PROJECT DEEP BLUE MERGER CORP., a Delaware corporation (“**Merger Sub**”, and before the consummation of the Merger (as defined in the Credit Agreement), the “**Borrower**”), BARRACUDA NETWORKS, INC., a Delaware corporation (“**Barracuda**”, and after the consummation of the Merger, the “**Borrower**”), each lender from time to time party hereto (collectively, the “**Lenders**” and individually, a “**Lender**”), and GS, as administrative agent and Collateral Agent, entered into that certain Senior Secured First Lien Credit Agreement dated as of February 12, 2018 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “**Credit Agreement**”). Terms defined in the Credit Agreement and not otherwise defined herein are used herein as defined in the Credit Agreement or, if not defined therein, as defined in the Security Agreement referred to below.

WHEREAS, as a condition precedent to the making of Loans by the Lenders and the issuance of Letters of Credit by the L/C Issuers under the Credit Agreement, the entry into Bank Product Agreements by the Bank Product Providers from time to time and the entry into Secured Hedge Agreements by the Hedge Banks from time to time, each Grantor has executed and delivered that certain First Lien Security Agreement dated as of February 12, 2018, made by the grantors party thereto from time to time (the “**Grantors**”) to the Collateral Agent (as amended, amended and restated, supplemented or otherwise modified from time to time, the “**Security Agreement**”).

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Collateral Agent, for the ratable benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed as a condition thereof to execute this IP Security Agreement for recording with the U.S. Patent and Trademark Office and the United States Copyright Office.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

SECTION 1. Grant of Security. Each Grantor hereby grants to the Collateral Agent for the ratable benefit of the Secured Parties a security interest in all of such Grantor’s right, title and interest in and to the following, except for any Excluded Property (the “**Collateral**”):

- (i) the patents and patent applications set forth in Schedule A hereto (the “**Patents**”);
- (ii) the trademark and service mark registrations and applications set forth in Schedule B hereto, together with the goodwill symbolized thereby (the “**Trademarks**”);
- (iii) the copyright registrations and applications set forth in Schedule C hereto (the “**Copyrights**”);

(iv) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto;

(v) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(vi) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing.

SECTION 2. Security for Obligations. The grant of a security interest in the Collateral by each Grantor under this IP Security Agreement secures the payment of all Obligations of such Grantor.

SECTION 3. Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer record this IP Security Agreement.

SECTION 4. Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

SECTION 5. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict or inconsistency between this IP Security Agreement and the Security Agreement, the Security Agreement shall control.

SECTION 6. Governing Law. This IP Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

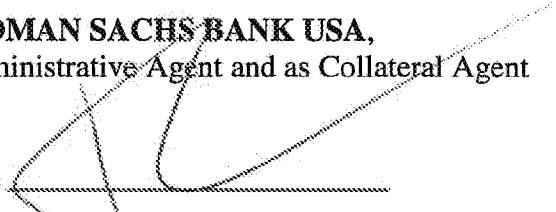
IN WITNESS WHEREOF, each Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

BARRACUDA NETWORKS, INC.

By William D. Jenkins
Name: William D Jenkins
Title: CEO & President

Accepted and Agreed:

GOLDMAN SACHS BANK USA,
as Administrative Agent and as Collateral Agent

By: 
Name: _____
Title: **Robert Ehudin**
Authorized Signatory

SCHEDULE A**PATENTS**

Title	Jurisdiction	Application No./ Filing Date	Patent No./ Issue Date	Status	Grantor
Method and apparatus for software performance tuning with dispatching	U.S.	15/413,315 1/23/2017	—	Pending	Barracuda Networks, Inc.
System and method for AI-based real-time communication fraud detection and prevention	U.S.	15/693,318 8/31/2017	—	Pending	Barracuda Networks, Inc.
System and method for AI-based anti-fraud user training and protection	U.S.	15/693,353 8/31/2017	—	Pending	Barracuda Networks, Inc.
System and method for electronic messaging threat scanning and detection	U.S.	15/693,367 8/31/2017	—	Pending	Barracuda Networks, Inc.
Method and apparatus for document preview and delivery with password protection	U.S.	15/814,250 11/15/2017	—	Pending	Barracuda Networks, Inc.
AI-based real-time communication fraud detection and prevention	U.S.	62/535,191 7/20/2017	—	Pending	Barracuda Networks, Inc.
Method and apparatus for cyber security threat index	U.S.	62/537,382 7/26/2017	—	Pending	Barracuda Networks, Inc.

Title	Jurisdiction	Application No./ Filing Date	Patent No./ Issue Date	Status	Grantor
Method and apparatus for authenticity tracking and verification of human-originated digital assets	U.S.	62/609,730 12/22/2017	—	Pending	Barracuda Networks, Inc.
Distributed encryption and access control scheme in a cloud environment	U.S.	15/147,277 5/5/2016	—	Pending	Barracuda Networks, Inc.
Method and apparatus for authorized access to local files on a copy appliance	U.S.	15/017,490 2/5/2016	—	Pending	Barracuda Networks, Inc.
Method and apparatus for client to content appliance (CA) synchronization	U.S.	15/012,663 2/1/2016	—	Pending	Barracuda Networks, Inc.
Method and apparatus for file synchronization and sharing with cloud storage	U.S.	15/009,685 1/28/2016	—	Pending	Barracuda Networks, Inc.
System for connecting, securing and managing network devices with a dedicated private virtual network	U.S.	15/130,923 4/15/2016	—	Pending	Barracuda Networks, Inc.
Robust restoration of passphrases from partial information	U.S.	15/077,965 3/23/2016	—	Pending	Barracuda Networks, Inc.

Title	Jurisdiction	Application No./ Filing Date	Patent No./ Issue Date	Status	Grantor
System and method to configure a firewall for access to a captive network	U.S.	15/222,794 7/28/2016	—	Pending	Barracuda Networks, Inc.
Method and apparatus for bulk authentication and load balancing of networked devices	U.S.	15/586,213 5/3/2017	—	Pending	Barracuda Networks, Inc.
System and method for correlating captured network packet with metadata	U.S.	15/263,927 9/13/2016	—	Pending	Barracuda Networks, Inc.
Method and apparatus to support binary packing of json data	U.S.	15/377,178 12/13/2016	—	Pending	Barracuda Networks, Inc.
Method and apparatus for proactively identifying and mitigating malware attacks via hosted web assets	U.S.	15/600,511 5/19/2017	—	Pending	Barracuda Networks, Inc.
Congestion control	U.S.	09/118,400 7/17/1998	6097697 8/1/2000	Issued	Barracuda Networks, Inc.
Message and user attributes in a message filtering method and system	U.S.	10/010,789 11/13/2001	6778941 8/17/2004	Issued	Barracuda Networks, Inc.
Bandwidth management system with multiple processing engines	U.S.	09/612,635 7/7/2000	7010611 3/7/2006	Issued	Barracuda Networks, Inc.

Title	Jurisdiction	Application No./ Filing Date	Patent No./ Issue Date	Status	Grantor
Method and system for building dynamic firewall rules, based on content of downloaded documents	U.S.	09/687,100 10/12/2000	7093287 8/15/2006	Issued	Barracuda Networks, Inc.
System and method for detecting and controlling a drone implanted in a network attached device such as a computer	U.S.	10/002,764 10/31/2001	7093294 8/15/2006	Issued	Barracuda Networks, Inc.
Method and apparatus for determination of the non-replicative behavior of a malicious program	U.S.	10/141,896 5/8/2002	7103913 9/5/2006	Issued	Barracuda Networks, Inc.
Integrated access point network device	U.S.	09/730,513 12/5/2000	7149222 12/12/2006	Issued	Barracuda Networks, Inc.
Distributed quality-of-service system	U.S.	09/955,860 9/18/2001	7149795 12/12/2006	Issued	Barracuda Networks, Inc.
Low profile expansion card for a system	U.S.	11/111,319 4/21/2005	7254038 8/7/2007	Issued	Barracuda Networks, Inc.
Central policy manager	U.S.	09/950,979 9/12/2001	7272155 9/18/2007	Issued	Barracuda Networks, Inc.
Self-contained instant messaging appliance	U.S.	10/878,794 6/28/2004	7328247 2/5/2008	Issued	Barracuda Networks, Inc.
Bandwidth management algorithm	U.S.	11/311,866 12/19/2005	7519727 4/14/2009	Issued	Barracuda Networks, Inc.
Method and system for a multi-stage interconnect switch	U.S.	10/920,789 8/17/2004	7688815 3/30/2010	Issued	Barracuda Networks, Inc.

Title	Jurisdiction	Application No./ Filing Date	Patent No./ Issue Date	Status	Grantor
Web accelerator apparatus, system, and method	U.S.	11/861,034 9/25/2007	7788291 8/31/2010	Issued	Barracuda Networks, Inc.
Open computer files snapshot	U.S.	11/847,380 8/30/2007	7836267 11/16/2010	Issued	Barracuda Networks, Inc.
Method and apparatus for determination of the non-replicative behavior of a malicious program	U.S.	12/141,165 6/18/2008	7861300 12/28/2010	Issued	Barracuda Networks, Inc.
E-mail stamping with from-header validation	U.S.	11/743,151 5/2/2007	7877789 1/25/2011	Issued	Barracuda Networks, Inc.
Deficit and group round robin scheduling for efficient network traffic management	U.S.	12/466,387 5/15/2009	7898953 3/1/2011	Issued	Barracuda Networks, Inc.
E-mail stamping with from-header validation	U.S.	11/421,748 6/1/2006	7917756 3/29/2011	Issued	Barracuda Networks, Inc.
E-mail stamping with accredited entity name	U.S.	11/566,013 12/1/2006	7917943 3/29/2011	Issued	Barracuda Networks, Inc.
Verification of DNS accuracy in cache poisoning	U.S.	12/268,446 11/11/2008	7930428 4/19/2011	Issued	Barracuda Networks, Inc.
Integrated data flow packet admission and traffic management apparatus	U.S.	11/367,765 3/3/2006	7970899 6/28/2011	Issued	Barracuda Networks, Inc.
Tunneling for efficient network traffic management	U.S.	12/467,007 5/15/2009	7974288 7/5/2011	Issued	Barracuda Networks, Inc.

Title	Jurisdiction	Application No./ Filing Date	Patent No./ Issue Date	Status	Grantor
Apparatus for defining a set of rules for a packet forwarding device	U.S.	12/551,169 8/31/2009	7987267 7/26/2011	Issued	Barracuda Networks, Inc.
Facilitating transmission of email by checking email parameters with a database of well behaved senders	U.S.	12/167,547 7/3/2008	7996475 8/9/2011	Issued	Barracuda Networks, Inc.
VPN optimization by defragmentation and deduplication apparatus and method	U.S.	12/421,651 4/10/2009	8050251 11/1/2011	Issued	Barracuda Networks, Inc.
Method for defining a set of rules for a packet forwarding device	U.S.	12/551,147 8/31/2009	8069244 11/29/2011	Issued	Barracuda Networks, Inc.
Firewall based on domain names	U.S.	11/657,863 1/25/2007	8122493 2/21/2012	Issued	Barracuda Networks, Inc.
Querying a database and receiving replies in IPv6 format by utilizing well known port 53	U.S.	12/854,871 8/11/2010	8204948 6/19/2012	Issued	Barracuda Networks, Inc.
Requesting a service or transmitting content as a domain name system resolver	U.S.	12/167,524 7/3/2008	8219644 7/10/2012	Issued	Barracuda Networks, Inc.

Title	Jurisdiction	Application No./ Filing Date	Patent No./ Issue Date	Status	Grantor
Multi-streamed method for optimizing data transfer through parallelized interlacing of data based upon sorted characteristics to minimize latencies inherent in the system	U.S.	12/497,564 7/3/2009	8280895 10/2/2012	Issued	Barracuda Networks, Inc.
Backup apparatus with higher security and lower network bandwidth consumption	U.S.	12/408,644 3/20/2009	8285997 10/9/2012	Issued	Barracuda Networks, Inc.
Port hopping and seek you peer to peer traffic control method and system	U.S.	12/907,573 10/19/2010	8434140 4/30/2013	Issued	Barracuda Networks, Inc.
State-maintained multi-party signatures	U.S.	12/859,738 8/19/2010	8443193 5/14/2013	Issued	Barracuda Networks, Inc.
Policy-managed DNS server for to control network traffic	U.S.	12/323,379 11/25/2008	8447856 5/21/2013	Issued	Barracuda Networks, Inc.
Method for measuring similarity of diverse binary objects comprising bit patterns	U.S.	12/839,307 7/20/2010	8463797 6/11/2013	Issued	Barracuda Networks, Inc.
Cloud based operating and virtual file system	U.S.	13/031,628 2/22/2011	8527549 9/3/2013	Issued	Barracuda Networks, Inc.
Directory authentication method for policy driven web filtering	U.S.	12/784,497 5/21/2010	8555365 10/8/2013	Issued	Barracuda Networks, Inc.

Title	Jurisdiction	Application No./ Filing Date	Patent No./ Issue Date	Status	Grantor
Transmission apparatus for VPN optimization by defragmentation and deduplication and method	U.S.	13/166,808 6/23/2011	8559450 10/15/2013	Issued	Barracuda Networks, Inc.
Reception apparatus for VPN optimization by defragmentation and deduplication and method	U.S.	13/166,807 6/23/2011	8571042 10/29/2013	Issued	Barracuda Networks, Inc.
Client-server transactional pre-archival apparatus	U.S.	13/246,834 9/27/2011	8725704 5/13/2014	Issued	Barracuda Networks, Inc.
Apparatus, and system for determining and cautioning users of internet connected clients of potentially malicious software and method for operating such	U.S.	13/091,293 4/21/2011	8726384 5/13/2014	Issued	Barracuda Networks, Inc.
Distributed frequency data collection via indicator embedded with DNS request	U.S.	12/610,511 11/2/2009	8775604 7/8/2014	Issued	Barracuda Networks, Inc.
Recalling spam email or viruses from inboxes	U.S.	12/409,504 3/24/2009	8788597 7/22/2014	Issued	Barracuda Networks, Inc.
More elegant exastore apparatus and method of operation	U.S.	13/246,386 9/27/2011	8788831 7/22/2014	Issued	Barracuda Networks, Inc.
Method for detecting malicious javascript	U.S.	13/152,269 6/3/2011	8789178 7/22/2014	Issued	Barracuda Networks, Inc.

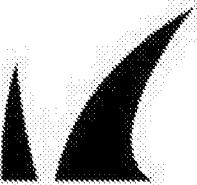
Title	Jurisdiction	Application No./ Filing Date	Patent No./ Issue Date	Status	Grantor
Transmission apparatus operation for VPN optimization by defragmentation and deduplication method	U.S.	13/960,607 8/6/2013	8831030 9/9/2014	Issued	Barracuda Networks, Inc.
Secure remote support automation process	U.S.	11/844,348 8/23/2007	8838965 9/16/2014	Issued	Barracuda Networks, Inc.
Distributed frequency data collection via DNS networking	U.S.	12/610,505 11/2/2009	8843612 9/23/2014	Issued	Barracuda Networks, Inc.
Method for measuring similarity of diverse binary objects comprising bit patterns	U.S.	13/682,714 11/20/2012	8849836 9/30/2014	Issued	Barracuda Networks, Inc.
System, method and computer readable medium for file management	U.S.	13/726,643 12/26/2012	8977661 3/10/2015	Issued	Barracuda Networks, Inc.
Configuring a plurality of diverse devices/services from an adaptive configuration control hyper-server apparatus	U.S.	13/225,428 9/3/2011	9021017 4/28/2015	Issued	Barracuda Networks, Inc.
Organizing file events by their hierarchical paths for multi-threaded synch and parallel access system, apparatus, and method of operation	U.S.	13/928,092 6/26/2013	9152466 10/6/2015	Issued	Barracuda Networks, Inc.

Title	Jurisdiction	Application No./ Filing Date	Patent No./ Issue Date	Status	Grantor
Log access method storage control apparatus, archive system, and method of operation	U.S.	13/921,089 6/18/2013	9195668 11/24/2015	Issued	Barracuda Networks, Inc.
Encrypting files within a cloud computing environment	U.S.	13/726,641 12/26/2012	9262643 2/16/2016	Issued	Barracuda Networks, Inc.
Distributed encryption and access control scheme in a cloud environment	U.S.	14/203,683 3/11/2014	9373001 6/21/2016	Issued	Barracuda Networks, Inc.
Deployment of branded software	U.S.	13/920,682 6/18/2013	9465598 10/11/2016	Issued	Barracuda Networks, Inc.
Method and apparatus for bulk authentication and load balancing of networked appliances	U.S.	14/858,943 9/18/2015	9680818 6/13/2017	Issued	Barracuda Networks, Inc.
Method and system for arbitraging computer resources in a cloud computing environment	U.S.	14/338,808 7/23/2014	9755988 9/5/2017	Issued	Barracuda Networks, Inc.

SCHEDULE B

TRADEMARKS

Mark	Jurisdiction	Serial No./ Filing Date	Registration No./ Registration Date	Status	Grantor
BARRACUDA	U.S.	86355055 8/1/2014	4715332 4/7/2015	Registered	Barracuda Networks, Inc.
BARRACUDA and Design 	U.S.	86221855 3/14/2014	4605554 9/16/2014	Registered	Barracuda Networks, Inc.
BARRACUDA NETWORKS	U.S.	86720141 8/10/2015	4922692 3/22/2016	Registered	Barracuda Networks, Inc.
BARRACUDA NETWORKS	U.S.	77757198 6/11/2009	3866379 10/26/2010	Registered	Barracuda Networks, Inc.
CLOUDGEN	U.S.	87517711 7/6/2017	—	Pending Intent to Use	Barracuda Networks, Inc.
COPY and Design 	U.S.	85650871 6/13/2012	4356741 6/25/2013	Registered	Barracuda Networks, Inc.
CUDADRIVE	U.S.	86727438 8/17/2015	4926991 3/29/2016	Registered	Barracuda Networks, Inc.
CUDAEYE	U.S.	86058317 9/6/2013	4505463 4/1/2014	Registered	Barracuda Networks, Inc.
CUDAEYE and Design 	U.S.	86058325 9/6/2013	4505464 4/1/2014	Registered	Barracuda Networks, Inc.

Mark	Jurisdiction	Serial No./ Filing Date	Registration No./ Registration Date	Status	Grantor
CUDAMAIL	U.S.	87310786 1/23/2017	—	Pending Intent to Use	Barracuda Networks, Inc.
CUDASIGN	U.S.	86727325 8/17/2015	4926979 3/29/2016	Registered	Barracuda Networks, Inc.
CUDATEL	U.S.	86058307 9/6/2013	4505462 4/1/2014	Registered	Barracuda Networks, Inc.
CUDATEL and Design 	U.S.	86058302 9/6/2013	4505461 4/1/2014	Registered	Barracuda Networks, Inc.
Design only 	U.S.	86178196 1/29/2014	4612911 9/30/2014	Registered	Barracuda Networks, Inc.
Design only 	U.S.	86058295 9/6/2013	4505460 4/1/2014	Registered	Barracuda Networks, Inc.
EON	U.S.	85900809 4/10/2013	4487468 2/25/2014	Registered	Barracuda Networks, Inc.
EON and Design 	U.S.	85900835 4/10/2013	4436392 11/19/2013	Registered	Barracuda Networks, Inc.
INTELLIBLOX	U.S.	77706867 4/3/2009	3698676 10/20/2009	Registered	Barracuda Networks, Inc.

Mark	Jurisdiction	Serial No./ Filing Date	Registration No./ Registration Date	Status	Grantor
INTRONIS	U.S.	77706868 4/3/2009	3698677 10/20/2009	Registered	Barracuda Networks, Inc.
NOTARYNOW	U.S.	85331524 5/26/2011	4254724 12/4/2012	Registered	Barracuda Networks, Inc.
RECLAIM YOUR NETWORK	U.S.	86068595 9/18/2013	4521617 4/29/2014	Registered	Barracuda Networks, Inc.
SOOKASA	U.S.	86605274 4/21/2015	5101151 12/13/2016	Registered	Barracuda Networks, Inc.
DISCOVER STOR	U.S.	85957406 6/12/2013	4587074 8/19/2014	Registered	Barracuda Networks, Inc.
SONIAN	U.S.	87426171 4/26/2017	5349567 12/5/2017	Registered	Barracuda Networks, Inc.
VIEW	U.S.	86369226 8/18/2014	5186880 4/18/2017	Registered	Barracuda Networks, Inc.

SCHEDULE C

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Title	Registration No.	Registration Date	Grantor
Yosemite backup.	TX0006574697	05/21/2007	Barracuda Networks, Inc.
TapeWare+ device utilities.	TX0003259181	02/10/1992	Barracuda Networks, Inc.