

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SUPPLEMENT NO. 1 TO PATENT SECURITY AGREEMENT	
CONVEYING PARTY DATA		
Name		Execution Date
STORAGECRAFT TECHNOLOGY CORPORATION		05/03/2018
RECEIVING PARTY DATA		
Name:	SILICON VALLEY BANK	
Street Address:	275 GROVE STREET	
Internal Address:	SUITE 2-200	
City:	NEWTON	
State/Country:	MASSACHUSETTS	
Postal Code:	02466	
PROPERTY NUMBERS Total: 19		
Property Type	Number	
Application Number:	13481671	
Application Number:	15074712	
Application Number:	15097140	
Application Number:	15182282	
Application Number:	15182293	
Application Number:	15182303	
Application Number:	15284310	
Application Number:	15374783	
Application Number:	15492974	
Application Number:	15598068	
Application Number:	15605681	
Application Number:	15420437	
Application Number:	15488303	
Application Number:	15284294	
Application Number:	15492955	
Application Number:	15362323	
Application Number:	15284306	
Application Number:	15284331	
Application Number:	15095977	

PATENT

CORRESPONDENCE DATA**Fax Number:** (800)494-7512

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: 800-494-5225**Email:** ipteam@coagencyglobal.com**Correspondent Name:** MELONY SOT**Address Line 1:** 1025 VERMONT AVE NW, SUITE 1130**Address Line 2:** COGENCY GLOBAL INC.**Address Line 4:** WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	F176866 STORAGECRAFT PT
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NAME OF SUBMITTER:	LISA COBBETT
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SIGNATURE:	/Lisa Cobbett/
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DATE SIGNED:	05/07/2018
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Total Attachments: 4

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SUPPLEMENT NO. 1 TO PATENT SECURITY AGREEMENT

This Supplement No. 1 to Patent Security Agreement (this “***Supplement***”) is made as of the 3rd day of May 2018, by STORAGECRAFT TECHNOLOGY CORPORATION, a Utah corporation (the “***Grantor***”), in favor of Silicon Valley Bank, as administrative agent for certain secured parties (in such capacity, together with its successors and assigns in such capacity, the “***Administrative Agent***”).

WHEREAS, the Grantor executed and delivered a Patent Security Agreement dated as of April 15, 2016 (as amended and of record from time to time hereinafter, the “***Grant***”) in favor of the Administrative Agent, pursuant to which the Grantor granted a security interest in certain Patents (as defined therein), which Grant was recorded with the Assignment Division of the United Patent and Trademark Office on April 18, 2016, Reel 038449, Frame 0943;

WHEREAS, the Grantor desires to hereby confirm the grant of a security interest in certain additional Patents in favor of the Administrative Agent.

NOW, THEREFORE, in consideration of the mutual covenants herein contained and benefits to be derived herefrom, it is hereby agreed as follows:

1. Definitions. All capitalized terms herein and not otherwise defined shall have the same meaning herein as in the Grant.
2. Supplement to Schedule A. Schedule A to the Grant is hereby supplemented, but not replaced, by Schedule A-1 annexed hereto.
3. Miscellaneous:
 - a. Except as provided herein, all terms and conditions of the Grant remain in full force and effect.
 - b. This Supplement covers the entire understanding of the parties with respect to the matters set forth herein and supersedes all prior discussions and negotiations hereon.

[signature pages follow]

IN WITNESS WHEREOF, the undersigned has executed this Supplement as of the date first written above.

GRANTOR:

STORAGECRAFT TECHNOLOGY CORPORATION

By: 

Name: Matthew Medeiros

Title: Chief Executive Officer

[Signature Page to Supplement No. 1 to Patent Security Agreement]

PATENT
REEL: 046085 FRAME: 0223

SCHEDULE A-1

Patents

Country of Registration	Patent/Application Date	Application No. / Registration No.	Title of Patent or Patent Application
U.S.A.	5/25/2012	13/481,671	Backup and Restoration of Computer Information
U.S.A.	3/18/2016	15/074,712	Hybrid Image backup of a source storage
U.S.A.	4/12/2016	15/097,140	Cataloging file system-level changes to a source storage between image backups of the source storage
U.S.A.	6/14/2016	15/182,282	Tracking content blocks in a source storage for inclusion in an image backup of the source storage
U.S.A.	6/14/2016	15/182,293	Consolidating encrypted image backups without decryption
U.S.A.	6/14/2016	15/182,303	Avoiding compression of high-entropy data during creation of a backup of a source storage
U.S.A.	10/3/2016	15/284,310	Hybrid Image backup of a source storage
U.S.A.	12/09/2016	15/374,783	Avoiding compression of high-entropy data during creation of a backup of a source storage
U.S.A.	4/20/2017	15/492,974	Live updating of a changed block tracking driver
U.S.A.	5/17/2017	15/598,068	Tracking content blocks in a source storage for inclusion in an image backup of the source storage
U.S.A.	5/25/2017	15/605,681	Consolidating encrypted image backups without decryption
U.S.A.	1/31/2017	15/420,437	Headstart Restore of First Volume to a second volume

Country of Registration	Patent/Application Date	Application No. / Registration No.	Title of Patent or Patent Application
U.S.A.	4/14/17	15,488,303	Consistent Ring Namespaces Facilitating Data Storage and Organization in Network Infrastructures
U.S.A.	10/3/16	15,284,294	Software revalidation and invalidation
U.S.A.	4/20/17	15,492,955	Head start population of an image backup
U.S.A.	11/28/16	15,362,323	Filtering a directory enumeration of a directory of an image backup
U.S.A.	10/3/16	15,284,306	Trimming unused blocks from a versioned image backup of a source storage that is stored in a sparse storage
U.S.A.	10/3/16	15,284,331	Exposing proprietary data to a hypervisor as a native hypervisor data
U.S.A.	4/11/16	15,095,977	Software revalidation and invalidation