U.S. DEPARTMENT OF FORM PTO-1594 07-08-2008 COMMERCE United States Patent and Trademark Office (Rev. 07/05) OMB No. 0651-0027 (exp. 06/30/2008) documents or the new address (es) below. To the Director of the U.S. Patent an 103512494 f receiving party(ies): 1. Name of conveying party(ies): Additional name(s) of conveying parties attached? 

Yes 

No **SILICON VALLEY BANK** Name: Commvault Systems, Inc. 7-7.08 Internal Address Individual(s) Association ☐ General Partnership □ Limited Partnership Street Address: 2 Crescent Place □ Corporation-State ☐ Other City: Oceanport State: NJ Additional name(s) of conveying parties attached? ☐Yes ☒ No Country: USA 3. Nature of conveyance/ Execution Date(s): Zip: 07757 Execution Date(s): June 26, 2008 Association Citizenship General Partnership Citizenship Citizenship Limited Partnership Assignment Merger Corporation Citizenship Security Agreement Change of Name Other Citizenship If assignee is not domiciled in the United States, a domestic representative designation is attached: ☐ Yes ☒ No (Designations must be a separate document from assignment) Other: Release 4. Application number(s) or registration number(s) and identification or description of the Trademark: A. Trademark Application No.(s) B. Trademark Registration No.(s) 76443422 1650465 2999321 2138317 2646262 2675884 C. Identification or Description of Trademark(s) (and Filing Date if Application or Additional sheets attached? ☐ Yes ☒ No Registration Number is unknown): 5. Name and address of party to whom 6. Total number of applications and correspondence concerning document should be registrations involved: 6 mailed: Name: Silicon Valley Bank 7. Total fee (37 CFR 2.6 (b)(6) & 3.41): \$165.00 Internal Address: HF154 Authorized to be charged by credit card Authorized to be charged to deposit account Street Address: 3003 Tasman Drive City: Santa Clara State: CA ZIP: 95054 8. Payment Information: Phone Number: (408) 919-0310 a. Credit Card Last 4 Numbers EXPLANTAGE DISABLAT 00000139 76443422

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:Mail Stop Assignment Recordation Services. Director of the USPTO. P.O. Box 1450. Alexandra Park 1450

Signature

Name of Person Signing

Susana Valdivia

Fax Number: (408) 654-6313

9. Signature.

Email Address: svaldivia@svb.com

REEL: 003813 FRAME: 0918

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June 26, 2008

Date

Total number of pages including cover

sheet, attachments, and document:

b. Deposit Account เป็นโลเล็ก

Authorized User Name

# RELEASE OF SECURITY AGREEMENT COVERING INTERESTS IN TRADEMARKS

Silicon Valley Bank ("Secured Party"), hereby releases its security interest in the interests of Commvault Systems, Inc. ("Assignor") in the trademarked works set forth in that certain Intellectual Property And Security Agreement dated, May 2, 2006, executed by Assignor in favor of Secured Party recorded with the United States Department of Commerce, Patent and Trademark Office on May 8, 2006, Reel 3304 Frame 0355.

Date: June 26, 2008

SILICON VALLEY BANK

By: \_ Name: ]

Name: Romil Randhawa

Title: Operations Department Manager

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#### INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of May 2, 2006 by and between SILICON VALLEY BANK ("Bank") and Commvault Systems, Inc. ("Grantor").

#### RECITALS

- Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated of even date herewith (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.
- Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank 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**

To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property Collateral (including without limitation those Copyrights, Patents and Trademarks listed on Schedules A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-inpart thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

	GRANTOR:
Address of Grantor:	COMMVAULT SYSTEMS, INC.
2 Crescent Place Oceanport, New Jersey 07757-0900	By On 4 / Miceli
Attn:	Title: CFO
	BANK:
Address of Bank:	SILICON VALLEY BANK
3003 Tasman Drive	By:
Santa Clara, CA 95054-1191	Name: Title:

IN WITNESS WHEREOF, the parties have cause this Intellectual Property Security

Agreement to be duly executed by its officers thereunto duly authorized as of the first date

written above.

49 50 51 52	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.				
53 54	chocard by the critical accounts and y	GRANTOR:			
55 56 57	Address of Grantor:	COMMVAULT SYSTEMS, INC.			
58	2 Crescent Place Oceanport, NJ 07757-0900 Attn: Lou Miceli, Chief Financial Officer	By:			
59 60 61		BANK:			
62 63 64 65	Address of Bank:	SILICON VALLEY BANK			
	3003 Tasman Drive Santa Clara, CA 95054-1191	By: Relatinsh MANAlen			
	Attn:	`			
66 67					

# COMMVAULT SYSTEMS, INC.

# Schedule A - Copyrights

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<u>Title</u>	Registration Number	Registration Date	Owner	
N/A	N/A	N/A	N/A	

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**TRADEMARK** 

Security Interest

N/A

REEL: 003813 FRAME: 0923

### Schedule B - Trademarks

<u>Mark</u>	Status	Registration/ Application Number	Registration/ Application Date	Owner	Security Interest
UNIFIED DATA MANAGEMENT	Registered	2999321	9/20/2005	CommVault Systems, Inc.	None recorded
COMMVAULT GALAXY & Design	Registered	2646262	11/5/2002	CommVault Systems, Inc.	None recorded
COMMVAULT GALAXY & Design	Registered	2675884	1/21/2003	CommVault Systems, Inc.	None recorded
COMMVAULT SYSTEMS & Design	Registered	2138317	2/24/1998	CommVault Systems, Inc.	1. Fleet National Bank (recorded 10/7/1997 at reel 1648/frame 0520) 2. IBJ Schroder Business Credit Corporation (recorded 8/11/1998 at reel 1772/frame 0702 and 5/26/2000 at reel 2092/frame 0596)
COMMVAULT	Renewed	1650465	7/9/1991	CommVault Systems, Inc.	1. Fleet National Bank (recorded 9/20/1996 at reel 1524/frame 0713) 2. Fleet National Bank (recorded 10/7/1997 at reel 1648/frame 0520) 3. IBJ Schroder Business Credit Corporation (recorded 8/11/1998 at reel 1772/frame 0702 and 5/26/2000 at reel 2092/frame 0596)
QINETIX	Pending- suspended	76-443422	8/22/2002	CommVault Systems, Inc.	None recorded
DBVAULT	Cancelled	1931882	10/31/1995	CommVault Systems, Inc.	1. Fleet National Bank (recorded 10/7/1997 at reel 1648/frame 0520) 2. IBJ Schroder Business Credit Corporation (recorded 8/11/1998 at reel 1772/frame 0702 and 5/26/2000 at reel

Mark	<u>Status</u>	Registration/ Application Number	Registration/ Application Date	Owner	Security Interest 2092/frame 0596)
PCVAULT	Cancelled	1834360	5/3/1994	CommVault Systems, Inc.	1. Fleet National Bank (recorded 10/7/1997 at reel 1648/frame 0520) 2. IBJ Schroder Business Credit Corporation (recorded 8/11/1998 at reel 1772/frame 0702 and 5/26/2000 at reel 2092/frame 0596)
SIMPLIFY. AUTOMATE. UNIFY.	Abandoned	76-615282	10/12/2004	CommVault Systems, Inc.	None recorded

<u>Title</u>	Patent/Patent Application Number (Publication	Issue/Filing Date	Owner/ Assignee	Security Interest
INCREMENTAL COMPUTER FILE BACKUP USING CHECK WORDS	Number) 5,559,991	09/24/1996	Commvault Systems, Inc.	Fleet National Bank (8216/0900; 8761/0577); and IBJ Schroeder Business Credit Corporation (16135/0671). PTO records also indicate Assignment from Commvault to IBJ Schroeder on 7/21/1998 (9386/951)
A METHOD OF MAKING A BACKUP COPY OF A MEMORY OVER A PLURALITY OF COPYING SESSIONS	5,642,496	06/24/1997	Commvault Systems, Inc.	Fleet National Bank (8216/0900; 8761/0577); and IBJ Schroeder Business Credit Corporation (16135/0671). PTO records also indicate Assignment from Commvault to IBJ Schroeder on 7/21/1998 (9386/951)
PIPELINED HIGH SPEED DATA TRANSFER MECHANISM	6,418,478	07/09/2002	Commvault Systems, Inc.	None recorded
LOGICAL VIEW AND ACCESS TO PHYSICAL STORAGE IN MODULAR DATA AND STORAGE MANAGEMENT SYSTEM	6,542,972 (2001/0034812)	04/01/2003	Commvault Systems, Inc.	None recorded
LOGICAL VIEW AND ACCESS TO DATA MANAGED BY A MODULAR DATA AND STORAGE MANAGEMENT SYSTEM	6,658,436 (2001/0047368)	12/02/2003	Commvault Systems, Inc.	None recorded
STORAGE MANAGEMENT ACROSS MULTIPLE TIME ZONES	6,760,723 (2001/0029512)	07/06/2004	Commvault Systems, Inc.	None recorded
LOGICAL VIEW WITH GRANULAR ACCESS TO EXCHANGE DATA MANAGED BY A MODULAR DATA AND STORAGE MANAGEMENT SYSTEM	7,003,641 (2001/0047459)	02/21/2006	Commvault Systems, Inc.	None recorded
Email attachment management in a computer system	09/774,272 (2001/0047389)	01/30/2001	Commvault Systems, Inc.	None recorded
Storage of application specific profiles correlating to document versions	09/882,438 (2001/0047381)	06/14/2001	Commvault Systems, Inc.	None recorded

<u>Title</u>	Patent/Patent Application Number (Publication Number)	Issue/Filing Date	Owner/ Assignee	Security Interest
Method and system for scheduling media exports	09/991,900 (2003/0101155)	11/23/2001	Commvault Systems, Inc.	None recorded
PIPELINED HIGH SPEED DATA TRANSFER MECHANISM	10/144,683 (2002/0188691)	05/13/2002	Commvault Systems, Inc.	None recorded
System and method for generating and managing quick recovery volumes	10/262,556 (2004/0010487)	09/30/2002	Commvault Systems, Inc.	None recorded
Dynamic storage device pooling in a computer system	10/658,095 (2004/0221114)	09/09/2003	Commvault Systems, Inc.	None recorded
System and method for blind media support	10/663,383 (2004/0225634)	09/16/2003	Commvault Systems, Inc.	None recorded
Combined stream auxiliary copy system and method	10/663,384 (2004/0225834)	09/16/2003	Commvault Systems, Inc.	None recorded
System and method for managing stored data	10/681,386 (2004/0250033)	10/07/2003	Commvault Systems, Inc.	None recorded
Logical view and access to data managed by a modular data and storage management system	10/720,842 (2004/0167942)	11/24/2003	Commvault Systems, Inc.	None recorded
System and method for performing storage operations through a firewall	10/818,747 (2005/0039051)	04/05/2004	Commvault Systems, Inc.	None recorded
System and method for dynamically performing storage operations in a computer network	10/818,749 (2005/0044114)	04/05/2004	Commvault Systems, Inc.	None recorded
System and method for extended media retention	10/818,750 (2005/0033755)	04/05/2004	Commvault Systems, Inc.	None recorded
System and method for dynamically sharing media in a computer network	10/819,097 (2005/0044316)	04/05/2004	Commvault Systems, Inc.	None recorded
System and method for dynamically sharing storage volumes in a computer network	10/819,101 (2005/0033756)	04/05/2004	Commvault Systems, Inc.	None recorded
Method and system for controlling a robotic arm in a storage device	10/819,102 (2005/0033913)	04/05/2004	Commvault Systems, Inc.	None recorded
Remote disaster data recovery system and method	10/819,103 (2005/0039069)	04/05/2004	Commvault Systems, Inc.	None recorded
Hierarchical system and method for performing storage operations in a	10/877,831	06/25/2004	Commvault Systems, Inc.	None recorded

Title	Patent/Patent Application Number (Publication Number)	Issue/Filing Date	Owner/ Assignee	Security Interest
computer network	(2005/0033800)			
System and method for stored data archive verification	10/990,286 (2005/0246376)	11/15/2004	Commvault Systems, Inc.	None recorded
System and method for performing a snapshot and for restoring data	10/990,336 (2005/0187992)	11/15/2004	Commvault Systems, Inc.	None recorded
System and method for performing an image level snapshot and for restoring partial volume data	10/990,353 (2005/0193026)	11/15/2004	Commvault Systems, Inc.	None recorded
System and method for combining data streams in pipelined storage operations in a storage network	10/990,357 (2005/0246510)	11/15/2004	Commvault Systems, Inc.	None recorded
Systems and methods for performing storage operations using network attached storage	10/990,360 (2006/0010154)	11/15/2004	Commvault Systems, Inc.	None recorded
System and method for data storage and tracking	10/990,363 (2005/0174869)	11/15/2004	Commvault Systems, Inc.	None recorded
Application Specific Objects Archiving and Retrieval System	10/260,209 (2004/0167941)	9/30/2002		
Extensible Configuration Engine System and Method	11/313,268	12/19/2005		
Hierarchal Backup And Retrieval System	09/354,058	7/15/1999		
Hierarchal System And Method For Performing Storage Operations In A Computer Network	10/877,831	6/25/2004		
Hierarchal System And Method For Providing A Unified View of Storage Information	11/120,619	5/5/2005		
High Speed Data Transfer Mechanism	09/495,751	2/1/2000		
Logical View With Granular Access to Exchange Data Managed By a Modular Data Storage Management System	11/302,528	12/12/2005		
Method And System For Grouping Storage System Components	11/269,519	11/7/2005		
Method And System For Monitoring A Storage Network	11/269,513	11/7/2005		
Method And System For Selectively Deleting Stored Data	11/269,521	11/7/2005		

<u>Title</u>	Patent/Patent Application Number (Publication Number)	Issue/Filing Date	Owner/ Assignee	Security Interest
Method And System For Transferring Data In A Storage Operation	11/029,211	1/3/2005		
Method And System Of Pooling Storage Devices	11/269,514	11/7/2005		
Modular Backup And Retrieval System	09/354,063	7/15/1999		
Modular Backup And Retrieval System Used In Conjunction With A Storage Area	09/610,738	7/6/2000		
Modular Backup And Retrieval System With An Integrated Storage Area File System	09/609,977	7/5/2000		
Selective Data Replication System And Method	10/303,640	11/25/2002		
Stored Data Reverification Management System And Method	11/313,226	12/19/2005		
System And Method For Containerized Data Storage And Tracking	11/313,256	12/19/2005		
System And Method For Establishing Referential Consistency In Storage Operations	60/752,204	12/19/2005		
System And Method For Hierarchical Client Group Management	60/752,197	12/19/2005		
System And Method For Improved Media Identification In A Storage Device	11/313,267	12/19/2005		
System And Method For Performing Auxiliary Storage Operations	11/269,119	11/8/2005		
System And Method For Performing Integrated Storage Operations	10/989,893	11/15/2004		
System And Method For Performing Multi-Path Storage	11/313,224	12/19/2005		
System And Method For Performing Multistream Storage Operations	11/269,520	11/7/2005		
System And Method For Performing Replication Copy Storage	11/313,257	12/19/2005		
System And Method For Performing Time-Flexible Calendric Storage	11/313,225	12/19/2005		
System And Method For Providing Encryption In Pipelined Storage Operations In A Storage Network	10/990,284	11/15/2004		

<u>Title</u>	Patent/Patent Application Number (Publication Number)	Issue/Filing Date	Owner/ Assignee	Security Interest
System And Method To Support Simulated Storage Operations	11/269,136	11/8/2005		
System And Method To Support Single Instance Storage Operations	11/269,512	11/7/2005		
Systems And Method For Classifying Information In A Storage Network	60/740,686	11/28/2005		
Systems And Methods For Generating Configuration Metrics In A Storage Network	11/313,229	12/19/2005		
Systems And Methods For Storage Modeling & Costing	11/120,634	5/2/2005		
Systems And Methods For Recovering electronic Information From A Storage Medium	11/269,515	11/7/2005		
Systems And Methods For Detecting & Mitigating Storage Risks	11/120,661	5/2/2205		
Systems And Methods For Generating A Storage-Related Metric	11/120,662	5/2/2005		
Systems And Methods Of Unified Reconstruction In Storage Systems	60/752,202	12/19/2005		

**RECORDED: 07/07/2008**