FORM PTO-1594	U.S. DEPARIMENT OF
COMMERCE (Rev. 07/05) RE 07	-08-2008 Jnited States Patent and Trademark Office
OMB No. 0651-0027 (exp. 06/30/2008)	STATES OF THE STATE AND
	ocuments or the new address (es) below.
To the Director of the U.S. Patent and 1	ocuments or the new address (es) below.
1. Name of conveying party(ies):	03512495 ceiving party(ies): O3512495 ∪r conveying parties attached? □Yes ⊠ No
SILICON VALLEY BANK	o o ·
	Name: Commvault Systems, Inc.
•	Traine. Committain Cystems, mo.
	Internal Address
☐ Individual(s) ☐ Association	
General Partnership Limited Partnership	Street Address: 2 Crescent Place
	· ·
	City: Oceanport State: NJ Country: USA
⊠ 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
o. Hatare of Conveyance/ Execution Date(s).	Zip. 07757
Execution Date(s): June 26, 2008	☐ Association Citizenship
Excession Dato(o). Valle 20, 2000	General Partnership Citizenship
☐ Assignment ☐ Merger	Limited Partnership Citizenship
	☐ Ciffined Faithership Citizenship
Security Agreement	Other Citizenship
Change of Hame	If assignee is not domiciled in the United States, a domestic representative
	designation is attached: Yes No
Other : Release	(Designations must be a separate document from assignment)
4. Application number(s) or registration number(s) and ident	ification or description of the Trademark:
A Trademont Application No. (a)	D. Turdemont Designation No. (a)
A. Trademark Application No.(s) 76443422	B. Trademark Registration No.(s) 1650465 2646262
70443422	1834360 2675884
	1931882
O Idoutification on Doublette of Took and A A A STEEL D	2138317
C. Identification or Description of Trademark(s) (and Filing Da	ate 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: 7
mailed:	
Name: Silicon Valley Bank	
•	7. Total fee (37 CFR 2.6 (b)(6) & 3.41): \$ 190.00
Internal Address: HF154	☐ Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: 3003 Tasman Drive	Enclosed
City: Santa Clara State: CA ZIP: 95054	8. Payment Information:
Phone Number: (408) 919-0310	a. Credit Card Last 4 Numbers
	Expiration Date
Fax Number: (408) 654-6313	Expiration Date 67/87/2008 NJAHA1 80686138 75/433422
 	b. Deposit Account Notation (49.00 0)
Email Address: svaldivia@svb.com	Authorized User Name 156.98 0F
A.M.	
$\sim \sim 1000$ M/M ~ 10	
9. Signature / ############################	June 26, 2008
Sig Kature	Date
Susana Valdivia	Total number of passas including account
Name of Person Signing	Total number of pages including cover
Name of Ferson Signing	sheet, attachments, and document:

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. APRADEMARK-1450

REEL: 003813 FRAME: 0883

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, <u>January 27, 2003</u>, executed by Assignor in favor of Secured Party recorded with the United States Department of Commerce, Patent and Trademark Office on <u>March 8, 2006</u>, Reel <u>3263</u> Frame <u>0008</u>.

Date: June 26, 2008

SILICON VALLEY BANK

By: Romil Randhawa

Title: Operations Department Manager

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of January 27, 2003 by and between SILICON VALLEY BANK ("Bank") and COMMVAULT SYSTEMS, INC., a Delaware corporation ("Grantor").

RECITALS

- A. 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 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.
- B. 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-in-part 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

178819_2.DOC SVB/Commvault (Intellectual Property Security Agreement) 1/22/2003

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.

[SIGNATURES BEGIN ON NEXT PAGE]

178819_2.DOC SVB/Commvault (Intellectual Property Security Agreement) 01/22/03

	GRANTOR:
Address of Grantor:	COMMVAULT SYSTEMS, INC.
2 Crescent Place Oceanport, New Jersey 07757-0900 Attn:	By: Dun F. Miceci Title: CFo
	BANK:
Address of Bank:	SILICON VALLEY BANK
3003 Tasman Drive Santa Clara, CA 95054-1191	By: 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.

Attn:

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

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.

EXHIBIT A

Copyrights

Description

Registration/ Application Number Registration/ Application <u>Date</u>

None

80	EXHIBIT B	
81 8 <u>2</u> 83	Patents	
84		
<u>Description</u>	Registration/ Application <u>Number</u>	Registration/ Application <u>Date</u>

See Attachment 1

85		EXHIBIT C		
86 87		Trademarks		
88				
89	Description		Registration/ Application Number	Registration/ Application <u>Date</u>

See Attachment 2

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PATENT APPLICATIONS FOR COMMVAULT SYSTEMS, INC.

Title	BRMFS Ref. No.	Patent or Serial No.	Status	Description
Method of making a backup copy of a memory over a plurality of copying sessions	4982/2 US	Patent No. 5,642,496	Issued	Generally relates to a system and method for making a backup copy of a memory such that a particular segment or slice of the memory is copied during one of a number of backup sessions. A full backup of the memory is completed during the last one of the backup sessions in which the sessions are separated in time from one another by a predetermined duration.
Computer Memory Backup Arrangement	4982/2 EP	Patent No. 0645709	Issued	Same as 4982/2 US
Computer Memory Backup Arrangement	4982/2 DE	Patent No. 0645709	Issued	Same as 4982/2 US
Computer Memory Backup Arrangement	4982/2 FR	Patent No. 0645709	Issued	Same as 4982/2 US
Computer Memory Backup Arrangement	4982/2 ES	Patent No. 0645709	Issued	Same as 4982/2 US
Computer Memory Backup Arrangement	4982/2 IT	Patent No. 0645709	Issued	Same as 4982/2 US
Computer Memory Backup Arrangement	4982/2 GB	Patent No. 0645709	Issued	Same as 4982/2 US
Incremental Computer File Backup Using Check Words	4982/3 US	Patent No. 5.559.991	Issued	Generally relates to a system and method for storing in a backup memory only those blocks of a file or disk partition which differ from corresponding blocks forming an earlier version of the file.
Incremental Computer File Backup Using Check Words	4982/3 EP	Patent No. 0541281	National Phase	Same as 4982/3 US
Incremental Computer File Backup Using Check Words	4982/3 FR	Patent No. 0541281	Issued	Same as 4982/3 US
Incremental Computer File Backup Using Check Words	4982/3 JP	Patent No. 2868678	Issued	Same as 4982/3 US
Modular Backup and Retrieval System Words	4982/4 US	Serial No. 09/354,063	Pending	Generally relates to a modular backup and retrieval system. The software modules making up the backup and retrieval system run independently and can run either on the same computing device or different computing devices.
Modular Backup and Retrieval System Words	4982/4 WO	Serial No. PCT/US00/ 19329	Published	Same as 4982/4 US
Hierarchical Backup and Retrieval System	4982/5 US	Serial No. 09/354,058	Pending	Generally relates to a backup and retrieval system for a network computing system comprising a plurality of network devices storing data and a plurality of backup cells. The backup cells comprise a backup device and a management component with each backup cell able to be controlled by the management component of another backup cell.
Hierarchical Backup and Retrieval System	4982/5 WO	Serial No. PCT/US00/ 19324	Published	Same as 4982/5 US

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Pipelined High Speed Data Transfer	4982/6 US	Serial No. 09/038,440	Issued	Generally relates to a communication system having an origination device and a destination storage device and a data transfer pipeline
				apparatus for transferring data in a sequence of N stages. The data transfer apparatus comprises a dedicated memory means having a predetermined number of buffers for carrying data associated with the transfer of data from the originating device to the destination storage device.
High Speed Data Transfer Mechanism	4982/7 US	Serial No. 09/495,751	Pending	Generally relates to a storage and data management system that establishes a data transfer pipeline between an application and a storage media using a source data mover and a destination data mover. The data movers are modular software entities which comprehend the differences between operating systems and media types.
High Speed Data Transfer Mechanism	4982/7 WO	Serial No. PCT/US01/ 02931	Published	Same as 4982/7 US
Modular Backup and Retrieval System Used In Conjunction With A Storage Area Network	4982/8 US	Serial No. 09/610.738	Pending	Generally relates to a modular computer storage system and method for managing and directing data archiving functions, which is scalable and comprehends various storage media as well as diverse operating systems on a plurality of client devices. The system may also work in conjunction with a Storage Area Network.
Modular Backup and Retrieval System Used In Conjunction With A Storage Area Network	4982/8 WO	Serial No. PCT/US00/ 19364	Published	Same as 4982/8 US
Modular Backup and Retrieval System With An Integrated Storage Area Filing System	4982/9 US	Serial No. 09/607,977	Pending	Generally relates to a storage system having a computing device for storing information in the storage system. The computing device includes a management component that directs the storing of information in the storage system, and at least one client component operating on at least one other computing device. The management component coordinates storage of information by interaction with the at least one client component.
Modular Backup and Retrieval System Used In Conjunction With A Storage Area Network	4982/9 WO	Serial No. PCT/US00/ 19363	Published	Same as 4982/9 US
Logical View and Access to Physical Storage in Modular Data and Storage Management System	4982/10 US	Serial No. 09/744,268	Pending	Generally relates to a storage system having a processor that supports operation of at least one software application in order to store selected data, at least one storage media for storing the selected data. a plurality of storage policies each having particular guidelines to determine how the data is to be stored, and a storage control to determine which storage policy to use.
Modular Backup and Retrieval System Used In Conjunction With A Storage Area Network	4982/10 PCT	Serial No. PCT/US01/ 03183	Published	Same as 4982/10 US
Logical View with Granular Access to Exchange Data Managed By a Modular Data and Storage Management System	4982/11 US	Serial No. 09/744,302	Pending	Generally relates to a modular data and storage management system. The system includes a time variance interface that provides for storage into a storage media of data that is received over time. The time variance interface provides for retrieval from the storage media of an indication of the data corresponding to a user specified date. The retrieved indication of the data provides a user with the option to access specific information relative to the data such as the content of the files that are included in the data.

Logical View with Granular Access to Exchange Data Managed By a Modular Data and Storage Management System	4982/11 WO	Serial No. PCT/US01/ 03088	Published	Same as 4982/11 US
Application Specific Rollback in a Computer System	4982/12 US	Serial No. 09/876,289	Pending	
Logical View and Access to Data and Storage Management System	4982/13 US	Serial No. 09/774,301	Pending	Generally relates to a storage management system including a software module for retrieving data from a plurality of storage media, and a storage and backup map is included that indicates to the retrieval module the particular location of the data that is to be retrieved.
Logical View and Access to Data and Storage Management System	4982/13 WO	Serial No. PCT/US01/ 03209	Published	Same as 4982/13 US
Storage Management Across Multiple Time Zones	4982/14 US	Serial No. 09/877,592	Pending	
Email Attachment Management in a Computer System	4982/15 US	Serial No. 09/744.272	Pending	
Storage of Application Specific Profiles Correlating to Document Versions	4982/16 US	Serial No. 09/882,438	Pending	
Dynamic Storage Device Pooling in a Computer System	4982/18PR OV	Serial No. 60/409,183	Pending	
Application Specific Object Archiving and Retrieval System	4982/19	Serial No. 10/260,209	Pending	
Application Specific Object Archiving and Retrieval System	4982/19 PCT	Serial No. PCT/US02/31205	Pending	
Method for Managing Snapshots Generated by an Operating System or Other Application	4982/20	Serial No. 10/262,556	Pending	
Method for Managing Snapshots Generated by an Operating System or Other Application	4982/20 PCT	Serial No. PCT/US02/31206	Pending	
Selective Data Replication System and Method	4982/21	Serial No. to be assigned	Pending	
Selective Data Replication System and Method	4982/21PC T	Serial No. PCT/US02/37838	Pending	
Method and System for Scheduling Media Exports	4982/23US	Serial No. 09/991,900	Pending	
Method and System for Scheduling Media Exports	4982/23 PCT	Serial No. PCT/US02/37693	Pending	
Combined Stream Auxiliary Copy System and Method	4982/26 PROV	Serial No. 60/411,202	Pending	
System and Method for Blind Media Support	4982/27 PROV	Serial No. 60/411,267	Pending	
System and Method for Mounting Quick Recovery Volumes	4982/28 PROV	Serial No. 60/416,717	Pending	
System and Method for Performing Storage Operations Using Quick Recovery Volumes	4982/29 PROV	Serial No. 60/416,699	Pending	
Computer Storage Management System and Method	4982/30 PROV	Serial No. 60/416,476	Pending	

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RECORDED: 07/07/2008