

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>RAHUL S. PAWAR</td> <td>12/02/2013</td> </tr> <tr> <td>RAJIV KOTTOMTHARAYIL</td> <td>12/02/2013</td> </tr> <tr> <td>DOUGLAS CARY SWALLOW</td> <td>12/02/2013</td> </tr> <tr> <td>PRAKASH VARADHARAJAN</td> <td>12/02/2013</td> </tr> </tbody> </table>		Name	Execution Date	RAHUL S. PAWAR	12/02/2013	RAJIV KOTTOMTHARAYIL	12/02/2013	DOUGLAS CARY SWALLOW	12/02/2013	PRAKASH VARADHARAJAN	12/02/2013
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RAJIV KOTTOMTHARAYIL	12/02/2013										
DOUGLAS CARY SWALLOW	12/02/2013										
PRAKASH VARADHARAJAN	12/02/2013										
RECEIVING PARTY DATA											
Name:	COMMVault SYSTEMS, INC.										
Street Address:	2 CRESCENT PLACE										
Internal Address:	PO BOX 900										
City:	OCEANPORT										
State/Country:	NEW JERSEY										
Postal Code:	07757										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14083763</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14083763						
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Application Number:	14083763										
CORRESPONDENCE DATA											
Fax Number:	(949)760-9502										
Phone:	949-760-0404										
Email:	efiling@knobbe.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	KNOBBE, MARTENS, OLSON & BEAR, LLP										
Address Line 1:	2040 MAIN STREET										
Address Line 2:	14TH FLOOR										
Address Line 4:	IRVINE, CALIFORNIA 92614										
ATTORNEY DOCKET NUMBER:	COMMV.148A1										
NAME OF SUBMITTER:	KAREN J. LENKER										

Signature:	/Karen J. Lenker/
Date:	01/06/2014
<b>Total Attachments: 12</b> source=COMMV_148A1-Assignment#page1.tif source=COMMV_148A1-Assignment#page2.tif source=COMMV_148A1-Assignment#page3.tif source=COMMV_148A1-Assignment#page4.tif source=COMMV_148A1-Assignment#page5.tif source=COMMV_148A1-Assignment#page6.tif source=COMMV_148A1-Assignment#page7.tif source=COMMV_148A1-Assignment#page8.tif source=COMMV_148A1-Assignment#page9.tif source=COMMV_148A1-Assignment#page10.tif source=COMMV_148A1-Assignment#page11.tif source=COMMV_148A1-Assignment#page12.tif	

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**ASSIGNMENT**

WHEREAS, Rahul S. Pawar, residing at Marlboro, New Jersey, Rajiv Kottomtharayil, residing at Marlboro, New Jersey, Douglas Cary Swallow, residing at Long Branch, New Jersey, Prakash Varadharajan, residing at Manalapan, New Jersey, (individuals hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to SYSTEMS AND METHODS TO DETECT DELETED FILES (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, CommVault Systems, Inc., a Delaware Corporation, with its principal place of business at 2 Crescent Place, P.O. Box 900, Oceanport, NJ 07757 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:


NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No. 61/740875, filed December 21, 2012), and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

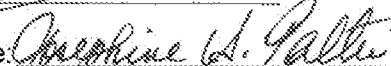
AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

---

Legal Name of inventor: Rahul S. Pawar

Signature:  Date: 12/2/13

Attorney's Signature:  Date: 12/2/2013

Attorney's Name: JOSEPHINE A. PALTIN, an Attorney-at-Law of the State of New Jersey, authorized pursuant to N.J.S.A. 41:2-1, having identified the person(s) who executed the foregoing document and who affirmed execution of same.

---

Legal Name of inventor: Rajiv Kottomtharayil

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Attorney's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Attorney's Name: JOSEPHINE A. PALTIN, an Attorney-at-Law of the State of New Jersey, authorized pursuant to N.J.S.A. 41:2-1, having identified the person(s) who executed the foregoing document and who affirmed execution of same.

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Legal Name of inventor: Douglas Cary Swallow

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Attorney's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Legal Name of inventor: Prakash Varadharajan

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Attorney's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Legal Name of inventor: Rahul S. Pawar

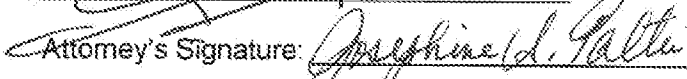
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Attorney's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Legal Name of inventor: Rajiv Kottomtharayil

Signature:  Date: 12/02/2013

Attorney's Signature:  Date: 12/2/2013

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Legal Name of inventor: Douglas Cary Swallow

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Attorney's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Legal Name of inventor: Prakash Varadharajan

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Attorney's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Legal Name of inventor: Rahul S. Pawar

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Attorney's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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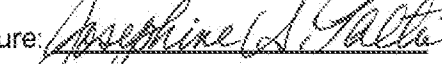
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Signature:  \_\_\_\_\_ Date: 12/2/2013

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Attorney's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Legal Name of inventor: **Rahul S. Pawar**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Attorney's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Legal Name of inventor: **Rajiv Kottomtharayil**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Attorney's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Legal Name of inventor: **Douglas Cary Swallow**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Attorney's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Legal Name of inventor: Prakash Varadharajan

Signature:  Date: 12/02/2013

Attorney's Signature:  Date: 12/2/2013

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