

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4968811

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| SUNIL KUMAR GUTTA | 05/08/2018 |
| VIJAY H. AGRAWAL | 05/07/2018 |
| RECEIVING PARTY DATA | |
| Name: | COMMVault SYSTEMS, INC. |
| Street Address: | 1 COMMVault WAY |
| City: | TINTON FALLS |
| State/Country: | NEW JERSEY |
| Postal Code: | 07724 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15981712 |
| CORRESPONDENCE DATA | |
| Fax Number: | (949)760-9502 |
| <i>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.</i> | |
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| Email: | EFILING@knobbe.com |
| 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.387A2 |
| NAME OF SUBMITTER: | SEAN AMBROSIUS |
| SIGNATURE: | /Sean Ambrosius/ |
| DATE SIGNED: | 05/18/2018 |
| Total Attachments: 3 | |
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ASSIGNMENT BY INVENTORS

This Assignment is by the following individuals (individually and together, the "Assignor"):

- **Sunil Kumar GUTTA**, a citizen of India, and having a mailing address of Flat No: 308, Road No:18, Himayath Nagar, Hyderabad, 500228, INDIA;
- **Vijay H. AGRAWAL**, a citizen of India, and having a mailing address of D-8D1, Lincoln 1, Mahindra Royale, Pimpri Chinchwad Road, Nr Ajmera, Pimpri, Pune, 411018, INDIA.

The Assignor invented and/or co-invented one or more inventions, contributions, concepts, ideas, developments, discoveries, processes, formulas, methods, compositions, techniques, technology, articles, machines, improvements, and all related know-how (collectively "invention(s)") described or claimed in an application for Patent of the United States, which is currently entitled **BLOCK-LEVEL LIVE BROWSE AND PRIVATE WRITABLE BACKUP COPIES USING AN ISCSI SERVER** and naming Assignor as the sole inventor(s), and filed on May 16, 2018 as U.S. Application No. 15/981712 (the "Application"). The Assignor authorizes the Assignee, identified below, or its representative to insert the application number and filing date of the Application after they are known.

Assignor desires to assign the entire right, title and interest in and to the invention(s), the Application, and all related rights to Commvault Systems, Inc., a Delaware corporation having its principal place of business at 1 Commonwealth Way, Union Falls, New Jersey 07724, USA (the "Assignee") pursuant to this Assignment.

For good and valuable consideration, the receipt and sufficiency of which Assignor acknowledges, Assignor hereby presently and irrevocably assigns to Assignee the entire right, title, and interest throughout the world in and to the following (collectively, the "Assigned Patent Rights"):

- (a) the invention(s) and Application;
- (b) all provisional patent applications relating to the invention(s) and Application, including:
 - U.S. Provisional Patent Application Serial No. 62690,688 and filed on 2/14/2018 with the title of "BLOCK-LEVEL LIVE BROWSE USING ISCSI WITHOUT A PSEUDO-DISK DRIVER";
- (c) all patent applications claiming direct or indirect priority to the Application and/or any patents issuing from the Application that have been or may be filed or issued in the future, including divisions, continuations, and continuations-in-part;
- (d) all patents that may be granted on any of the foregoing in clauses (a) through (c);
- (e) all rights of priority under United States law and International Conventions relating to any of the foregoing in clauses (a) through (d);
- (f) all reissues, reexaminations, *inter partes* reviews, post-grant reviews, covered business method patent reviews, supplemental examinations, renewals, substitutes, and extensions of any of the foregoing in clauses (a) through (e);
- (g) the right to file foreign and United States applications on the invention(s), including filing directly in the name of Assignee; and
- (h) all past, present, and future: claims, causes of action, and enforcement rights for infringement or violation of any of the foregoing in clauses (a) through (f), including the right to sue and collect damages, royalties, and other remedies.

Assignee Docket No.: 100.684.132.140
Attorney Docket No.: COMNAV.887A2

Assigner hereby authorizes and requests the Commissioner of Patents of the United States, and any official of any country, whose duty it is to issue patents on applications, to issue all patents subject to this Assignment to the Assignee.

Assigner represents that he or she has not previously assigned or licensed, or promised to assign or license, the Assigned Patent Rights to anyone other than Assignee, or taken any other action that conflicts with this Assignment or grants any immunity or rights under the Assigned Patent Rights to anyone other than Assignee.

Assigner acknowledges that he or she has been fully compensated for this Assignment and is not entitled to any future compensation or other remuneration for the Assigned Patent Rights.

Assigner agrees to communicate any facts known about the invention(s) and promptly provide to Assignee any tangible property embodying or describing the invention(s), which, if not presently in Assigner's possession, will be delivered to Assignee immediately upon creation thereof.

Assigner agrees to sign all documents and do such additional acts as Assignee deems reasonably necessary or desirable to file, prosecute, perfect, defend, and enforce the Assigned Patent Rights, including:

- (a) assisting in the preparation of and authorizing the filing of any other applications relating to the Assigned Patent Rights and any improvements made therein by Assigner;
- (b) executing and making all rightful oaths, declarations, and affirmations relating to the Assigned Patent Rights; and
- (c) assisting (including by giving of testimony) in any litigation, interference, distribution, inter partes review, post-grant review, covered business method patent review, supplemental examination, or post examination, and any other pre-litigation or post-litigation proceedings in any jurisdiction relating to the Assigned Patent Rights.

Assigner will not in the future make any commitments or do any act conflicting with or impairing the Assigned Patent Rights, including, without limitation, raising any controversy, contesting, or challenging, either directly or indirectly, the validity, enforceability, or alleged infringement of any Assigned Patent Rights or assisting any third party in doing so, serving as an expert, a witness, or as a consultant in any cause of action or for any third party that is adverse to the Assigned Patent Rights, or providing a written opinion, or any other written work product, in any cause of action or for any third party that is adverse to the Assigned Patent Rights. Assigner acknowledges that there may be no adequate remedy at law for Assigner's breach of the terms set forth herein, and accordingly, Assigner grants to Assignee in addition to the right to seek monetary damages, the right to have any such breach remedied by equitable relief including, but not limited to, a temporary restraining order, preliminary injunction, permanent injunction, and such other equitable relief as may be appropriate without the necessity of Assignee proving any harm or proving any damages.

Assigner's obligation to assist Assignee in obtaining, defending, and enforcing the Assigned Patent Rights shall continue beyond the termination of employment by Assigner for whatever reason, but Assignee shall compensate Assigner at a reasonable rate after the termination of employment for time actually spent at Assigner's request providing such assistance. Assigner hereby irrevocably designates and appoints Assignee as its duly authorized agent and attorney-in-fact to act for and in Assigner's behalf to execute and file any document and to do all other lawfully permitted acts to further the prosecution, defense, and enforcement of the Assigned Patent Rights with the same legal force and effect as if executed by Assigner.

No amendment to this Assignment shall be valid unless signed in writing by the party to be bound. No course of conduct or dealing by Assignee will act as an amendment, modification, or waiver of any provision of this Assignment.

Assignment Document No.: 100.894.102.140
Attorney Document No.: CONSPV.387A2

This Assignment may be executed in counterparts. This Assignment is enforceable by and inures to the benefit of Assignee and its successors and assigns.

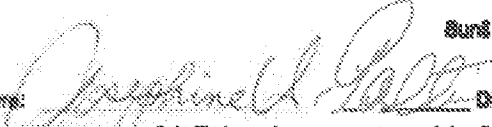
This Assignment is effective: April 25, 2018.

Assignor's Signature: _____



Suresh Kumar SUTTA

Attorney's Signature: _____



Date: _____

May 08, 2018

Attorney's Name: JOSEPHINE A. PALTIN, an Attorney-at-Law of the State of New Jersey, authorized pursuant to N.J.S.A. 17:2-1, having identified the person(s) who executed the foregoing document and who affirmed execution of same.

Assignor's Signature: _____



Vijay H. AGRAWAL

Attorney's Signature: _____



Date: _____

May 07, 2018

Attorney's Name: JOSEPHINE A. PALTIN, an Attorney-at-Law of the State of New Jersey, authorized pursuant to N.J.S.A. 17:2-1, having identified the person(s) who executed the foregoing document and who affirmed execution of same.