

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	
Name	Execution Date
PARAMASIVAM KUMARASAMY	05/18/2015
BRAHMAIAH VALLABHANENI	05/12/2015
RAHUL S. PAWAR	05/14/2015
HENRY WALLACE DORNEMANN	05/14/2015
JUN H. AHN	05/12/2015
AMEY VIJAYKUMAR KARANDIKAR	05/06/2015
AMIT MITKAR	05/14/2015
MUTHUSAMY SENTHILNATHAN	05/15/2015
SATISH CHANDRA KILARU	05/04/2015
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:	17239406
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>	
Phone:	9497600404
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.233C2
NAME OF SUBMITTER:	VIKAS BHARGAVA

PATENT

SIGNATURE:	/Vikas Bhargava/
DATE SIGNED:	04/26/2021
Total Attachments: 18 source=COMMV-233C2_ASSIGN#page1.tif source=COMMV-233C2_ASSIGN#page2.tif source=COMMV-233C2_ASSIGN#page3.tif source=COMMV-233C2_ASSIGN#page4.tif source=COMMV-233C2_ASSIGN#page5.tif source=COMMV-233C2_ASSIGN#page6.tif source=COMMV-233C2_ASSIGN#page7.tif source=COMMV-233C2_ASSIGN#page8.tif source=COMMV-233C2_ASSIGN#page9.tif source=COMMV-233C2_ASSIGN#page10.tif source=COMMV-233C2_ASSIGN#page11.tif source=COMMV-233C2_ASSIGN#page12.tif source=COMMV-233C2_ASSIGN#page13.tif source=COMMV-233C2_ASSIGN#page14.tif source=COMMV-233C2_ASSIGN#page15.tif source=COMMV-233C2_ASSIGN#page16.tif source=COMMV-233C2_ASSIGN#page17.tif source=COMMV-233C2_ASSIGN#page18.tif	

ASSIGNMENT BY INVENTORS

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

- **Paramasivam KUMARASAMY**, a citizen of the United States, and having a mailing address of 327 Devon Place, Morganville, New Jersey 07751, United States;
- **Brahmaiah VALLABHANENI**, a citizen of India, and having a mailing address of 28 Warbler Rd., Marlboro, New Jersey 07746, United States;
- **Rahul S. PAWAR**, a citizen of India, and having a mailing address of 19 Barn Swallow Blvd., Marlboro, New Jersey 07746, United States;
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- **Amey Vijaykumar KARANDIKAR**, a citizen of the United States, and having a mailing address of Apt. #91, 364 Westwood Avenue, Long Branch, New Jersey 07740, United States;
- **Amit MITKAR**, a citizen of India, and having a mailing address of 77 Symmes Drive, Manalapan, New Jersey 07726, United States;
- **Muthusamy SENTHILNATHAN**, a citizen of the United States, and having a mailing address of 105 Richmond Court North, Holmdel, New Jersey 07733, United States; and
- **Satish Chandra KILARU**, a citizen of India, and having a mailing address of 61 Inwood Drive, Manalapan, New Jersey 07726, United States.

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 **RESTORING ARCHIVED OBJECT-LEVEL DATABASE DATA** and naming Assignor as the sole inventor(s), and filed on May 20, 2015 as U.S. Application No. 14/717,950 (the "Application"). The Assignor authorizes the Assignee, identified below, or its representatives 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 CommVault Way, Tinton 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. Application No. 62/106109, filed on 01/21/2015, and entitled **BLOCK LEVEL MANAGEMENT OF STRUCTURED DATA IN AN INFORMATION MANAGEMENT SYSTEM**;

(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.

Assignor 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.

Assignor 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 immunities or rights under the Assigned Patent Rights to anyone other than Assignee.

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that is adverse to the Assigned Patent Rights. Assignor acknowledges that there may be no adequate remedy at law for Assignor's breach of the terms set forth herein, and accordingly, Assignor 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 alternative relief as may be appropriate without the necessity of Assignee posting any bond or proving any damages.

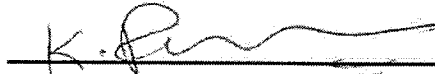
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This Assignment is effective: April 30, 2015

Assignor's Signature: _____



Paramasivam KUMARASAMY

Attorney's Signature: _____

 Date: May 18, 2015

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.

Assignor's Signature: _____

Brahmaiah VALLABHANENI

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.

Assignor's Signature: _____

Rahul S. PAWAR

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.

Assignor's Signature: _____

Henry Wallace DORNEMANN

Attorney's Signature: _____

Date: _____

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Assignor's Signature: _____

Jun H. AHN

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.

Assignor's Signature: _____

Amey Vijaykumar Karandikar

Amey Vijaykumar KARANDIKAR

Attorney's Signature: _____

Josephine A. Paltin

Date: _____

May 6, 2015

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.

Assignor's Signature: _____

Amit MITKAR

Attorney's Signature: _____

Date: _____

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Muthusamy SENTHILNATHAN

Attorney's Signature: _____

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Assignor's Signature:

K. Satish Chandra

Satish Chandra KILARU

Attorney's Signature:

Josephine A. Paltin

Date:

May 4, 2015

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.

19280459

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Attorney's Signature: _____ Date: _____

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Assignor's Signature: _____

Brahmaiah VALLABHANENI

Attorney's Signature: Josephine A. Paltin Date: May 12, 2015

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Rahul S. PAWAR

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Ameey Vijaykumar KARANDIKAR

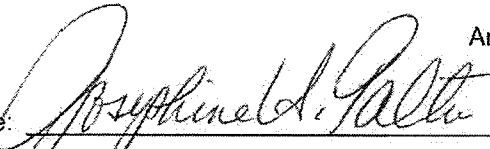
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Amit MITKAR

Attorney's Signature:  Date: 14 May 2015

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(a) assisting in the preparation of and authorizing the filing of any other applications relating to the Assigned Patent Rights and any improvements made thereto by Assignor;

(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, derivation, *inter partes* review, post-grant review, covered business method patent review, supplemental examination, *ex parte* reexamination, and any other pre-issuance or post-issuance proceedings in any jurisdiction relating to the Assigned Patent Rights.

Assignor 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. Assignor acknowledges that there may be no adequate remedy at law for Assignor's breach of the terms set forth herein, and accordingly, Assignor 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 alternative relief as may be appropriate without the necessity of Assignee posting any bond or proving any damages.

Assignor's obligation to assist Assignee in obtaining, defending, and enforcing the Assigned Patent Rights shall continue beyond the termination of employment by Assignee for whatever reason, but Assignee shall compensate Assignor at a reasonable rate after the termination of employment for time actually spent at Assignee's request providing such assistance. Assignor hereby irrevocably designates and appoints Assignee as its duly authorized agent and attorney-in-fact to act for and in Assignor'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 Assignor.

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.

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 30, 2015

Assignor's Signature: _____

Paramasivam KUMARASAMY

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.

Assignor's Signature: _____

Brahmaiah VALLABHANENI

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.

Assignor's Signature: _____

Rahul S. PAWAR

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.

Assignor's Signature: _____

Henry Wallace DORNEMANN

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.

Assignor's Signature: _____

Jun H. AHN

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.

Assignor's Signature: _____

Arney Vijaykumar KARANDIKAR

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.

Assignor's Signature: _____

Amit MITKAR

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.

Assignor's Signature: _____

Muthusamy SENTHILNATHAN

Attorney's Signature: Josephine A. Paltin Date: 15 May 2015

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.

Assignor's Signature:

Satish Chandra KILARU

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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