

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6426237

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PARAMASIVAM KUMARASAMY	05/18/2015
RAHUL S. PAWAR	05/14/2015
HENRY WALLACE DORNEMANN	05/14/2015
JUN H. AHN	05/12/2015
BRAHMAIAH VALLABHANENI	05/12/2015
GIRISH RAMOHALLI GOPALA RAO	05/07/2015
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:	16234996
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:	HUNTINGTON BEACH, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	COMMV.235C1
NAME OF SUBMITTER:	VIKAS BHARGAVA
SIGNATURE:	/Vikas Bhargava/
DATE SIGNED:	12/01/2020

Total Attachments: 30

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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;
- **Rahul S. PAWAR**, a citizen of India, and having a mailing address of 19 Barn Swallow Blvd., Marlboro, New Jersey 07746, United States;
- **Henry Wallace DORNEMANN**, a citizen of the United States, and having a mailing address of 19 Russell Terrace, Eatontown, New Jersey 07724, United States;
- **Jun H. AHN**, a citizen of South Korea, and having a mailing address of 7 Waterville Rd., Manalapan, New Jersey 07726, United States;
- **Brahmaiah VALLABHANENI**, a citizen of India, and having a mailing address of 28 Warbler Rd., Marlboro, New Jersey 07746, United States; and
- **Girish RAMOHALLI GOPALA RAO**, a citizen of India, and having a mailing address of #689, 1st Floor, 19th Main 22nd Cross, Sector 2 HSR Layout, Karnataka Bengaluru – 560102, 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 **OBJECT-LEVEL DATABASE RESTORE** and naming Assignor as the sole inventor(s), and filed on May 20, 2015 as U.S. Application No. 14/717,816 (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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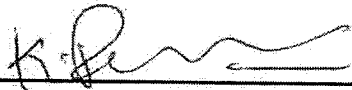
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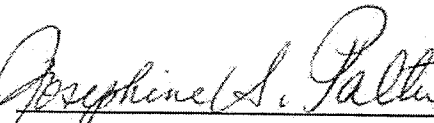
This Assignment is effective: April 30, 2015

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: _____

Rahul S. PAWAR

Attorney's Signature: _____ Date: _____

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Assignor's Signature: _____

Henry Wallace DORNEMANN

Attorney's Signature: _____ Date: _____

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Jun H. AHN

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Brahmaiah VALLABHANENI

Attorney's Signature: _____ Date: _____

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Assignor's Signature:

Girish RAMOHALLI GOPALA RAO

Attorney's Signature: _____ Date: _____

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19274803

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Rahul S. PAWAR

Attorney's Signature: Josephine A. Paltin Date: May 14, 2015

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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:

Girish RAMOHALLI GOPALA RAO

Attorney's Signature: _____ Date: _____

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19274803

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;
- **Rahul S. PAWAR**, a citizen of India, and having a mailing address of 19 Barn Swallow Blvd., Marlboro, New Jersey 07746, United States;
- **Henry Wallace DORNEMANN**, a citizen of the United States, and having a mailing address of 19 Russell Terrace, Eatontown, New Jersey 07724, United States;
- **Jun H. AHN**, a citizen of South Korea, and having a mailing address of 7 Waterville Rd., Manalapan, New Jersey 07726, United States;
- **Brahmaiah VALLABHANENI**, a citizen of India, and having a mailing address of 28 Warbler Rd., Marlboro, New Jersey 07746, United States; and
- **Girish RAMOHALLI GOPALA RAO**, a citizen of India, and having a mailing address of #689, 1st Floor, 19th Main 22nd Cross, Sector 2 HSR Layout, Karnataka Bengaluru – 560102, 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 **OBJECT-LEVEL DATABASE RESTORE** and naming Assignor as the sole inventor(s), and filed on May 20, 2015 as U.S. Application No. 14/717,816 (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.

Assignor 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.

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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.

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Rahul S. PAWAR

Attorney's Signature: _____ Date: _____

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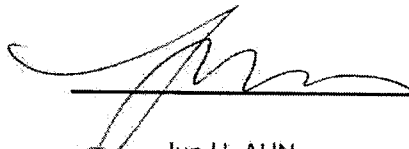
Assignor's Signature: _____

Henry Wallace DORNEMANN

Attorney's Signature: _____ Date: _____

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Assignor's Signature: _____



Jun H. AHN

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

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Brahmaiah VALLABHANENI

Attorney's Signature: _____ Date: _____

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Paramasivam KUMARASAMY

Attorney's Signature: _____ Date: _____

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Brahmaiah Vallabhaneni

Brahmaiah VALLABHANENI

Attorney's Signature: _____

Date: *May 12, 2015*

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Girish RAMOHALLI GOPALA RAO

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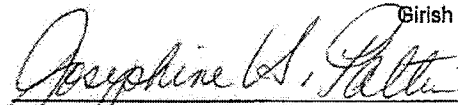
Assignee Docket No.: 100.414.US1.135
Attorney Docket No.: COMMV.235A

Assignor's Signature:



Girish RAMOHALLI GOPALA RAO

Attorney's Signature:



Date:

May 7, 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.

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