#### 504549711 09/15/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4596419

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
SUNIL KUMAR GUTTA	07/02/2015
SRI KARTHIK BHAGI	07/06/2015
VIJAY H. AGRAWAL	07/10/2015
RAHUL S. PAWAR	06/24/2015

### **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:	15705629

### CORRESPONDENCE DATA

Fax Number: (206)359-7198

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.

Phone: 206-359-8000

Email: patentprocurement@perkinscoie.com

PERKINS COIE LLP - COMMVAULT SYSTEMS, INC. **Correspondent Name:** 

Address Line 1: P.O. BOX 1247

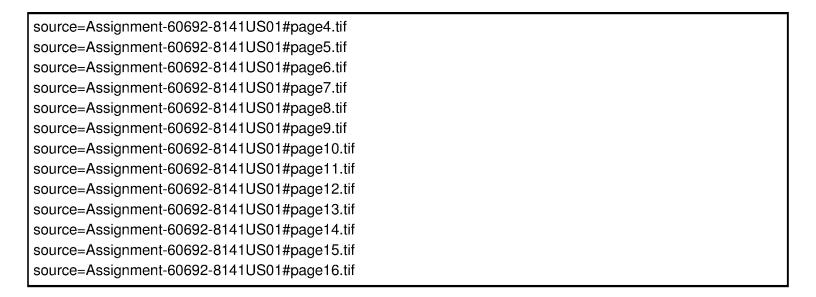
Address Line 4: SEATTLE, WASHINGTON 98111-1247

ATTORNEY DOCKET NUMBER:	060692-8141.US01
NAME OF SUBMITTER:	TARYN BOLLERS
SIGNATURE:	/Taryn Bollers/
DATE SIGNED:	09/15/2017

## **Total Attachments: 16**

source=Assignment-60692-8141US01#page1.tif source=Assignment-60692-8141US01#page2.tif source=Assignment-60692-8141US01#page3.tif

> **PATENT** REEL: 043602 FRAME: 0052 504549711



PATENT REEL: 043602 FRAME: 0053

#### **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. 305, Road No. 16, Himayath Nagar, Hyderabad, 500029, India;
- Sri Karthik Bhagi, a citizen of India, and having a mailing address of 8 Country Club Road, Apt. 26, Eatontown, New Jersey 07724, USA;
- Vijay H. Agrawal, a citizen of India, and having a mailing address of D-501, Lincoln 1, Mahindra Royale, Pimpri Bhosari Road, Nr Ajmera, Pimpri, Pune 411018, India;
- Rahul S. Pawar, a citizen of the United States of America, and having a mailing address of 19 Barn Swallow Boulevard, Mariboro, New Jersey 07746, USA.

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 BROWSE AND RESTORE FOR BLOCK-LEVEL BACKUPS and naming Assignor as inventor(s), and filed on as U.S. Application No. (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;
- (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 Assignce; and

Page 1 of 4

(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.

Assignor 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 Assignor's possession, will be delivered to Assignee immediately upon creation thereof.

Assignor 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 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, interpartes review, post-grant review, covered business method patent review, supplemental examination, exparte 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

Page 2 of 4

to execute and file any document and to do all oth- defense, and enforcement of the Assigned Patent executed by Assignor-	er lawfully permitted acts to further the prosecution, Rights with the same legal force and effect as if	
No amendment to this Assignment shall be bound. No course of conduct or dealing by Assignee any provision of this Assignment.	e valid unless signed in writing by the party to be will act as an amendment, modification, or waiver of	
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: June 17, 2015,		
Assignor's Signature:	- L.J	
Attorney's Signature Assignature A	SUNIL KUMAR GUTTA FACE 02 July 2015	
Attorney's Name: JOSEPHINE A PALTIN authorized pursuant to N.J.S.A. 41:2-1, having ide document and who affirmed execution of same.	, an Attomey-at-Law of the State of New Jersey, intified the person(s) who executed the foregoing	
Assignor's Signature		
	SRI KARTHIK BHAGI	

Page 3 of 4

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

60692-8141 US004\_EGAL (2653087) |

document and who affirmed execution of same.

Assignee Docket No.: 100,434,US1,120

060692-8141.US00

Attorney Docket No.:

Assignee Docket No.: Attorney Docket No.:	100,434,US1,120 060692-8141,US00	
	Assignor's Signature:	
		VIJAY H. AGRAWAL
Attorney's Signature:		Date:
Attorney's Nar authorized pursuant to	ne: JOSEPHINE A. PALTI	N, an Attorney-at-Law of the State of New Jersey, tentified the person(s) who executed the foregoing
	Assignor's Signature:	
		RAHUL S. PAWAR
Attorney's Signature:		Date:
Attorney's Na	me: JOSEPHINE A. PALTI	IN, an Attorney at-Law of the State of New Jersey dentified the person(s) who executed the foregoing

document and who affirmed execution of same.

### 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. 305, Road No. 16, Himayath Nagar, Hyderabad, 500029, India;
- Sri Karthik Bhagi, a citizen of India, and having a mailing address of 8 Country Club Road, Apt. 26, Eatontown, New Jersey 07724, USA;
- Vijay H. Agrawal, a citizen of India, and having a mailing address of D-501, Lincoln 1, Mahindra Royale, Pimpri Bhosari Road, Nr Ajmera, Pimpri, Pune 411018, India;
- Rahul S. Pawar, a citizen of the United States of America, and having a mailing address of 19 Barn Swallow Boulevard, Marlboro, New Jersey 07746, USA.

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 **BROWSE AND RESTORE FOR BLOCK-LEVEL BACKUPS** and naming Assignor as inventor(s), and filed on as U.S. Application No. \_\_\_\_\_\_\_ (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:
- (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.

Assignor 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 Assignor's possession, will be delivered to Assignee immediately upon creation thereof.

Assignor 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 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, interpartes review, post-grant review, covered business method patent review, supplemental examination, exparte 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: June 17, 2015.

Assignor's Signature:	······································
	SUNIL KUMAR GUTTA
Attorney's Signature:	Date:
Attorney's Name: JOSEPHINE A. PALTIN, authorized pursuant to N.J.S.A. 41:2-1, having ider document and who affirmed execution of same.	an Attorney-at-Law of the State of New Jersey, ntified the person(s) who executed the foregoing
Assignor's Signature:	BAU.
Attorney's Signature: Mysephine (A.	SRI KARTHIK BHAGI  Alla: Date: 06 July 20/3
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 iden document and who affirmed execution of same.	ntitled the person(s) who executed the foregoing

Assignee Docket No.: Attorney Docket No.:		
	Assignor's Signature:	
		VIJAY H. AGRAWAL
Attorney's Signature: _		Date:
authorized pursuant to	ne: JOSEPHINE A. PALTIN O N.J.S.A. 41:2-1, having identified in the medical execution of same.	I, an Attorney-at-Law of the State of New Jersey, entified the person(s) who executed the foregoing
	Assignor's Signature:	
		RAHUL S. PAWAR
Attorney's Signature: _		Date:
Attorney's Nan	ne: JOSEPHINE A PALTIN	, an Attorney-at-Law of the State of New Jersey, intified the person(s) who executed the foregoing

Page 4 of 4

document and who affirmed execution of same.

### 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. 305, Road No. 16, Himayath Nagar, Hyderabad, 500029, India;
- Sri Karthik Bhagi, a critzen of India, and having a mailing address of 8 Country Club Road.
   Apt. 26, Eatontown, New Jersey 07724, USA.
- Vijay H. Agrawal, a citizen of India, and having a mailing address of D-501, Lincoln 1, Mahindra Royale, Pimpri Bhosari Road, Nr Ajmera, Pimpri, Pune 411018, India;
- Rahul S. Pawar, a citizen of the United States of America, and having a mailing address of 19 Barn Swallow Boulevard, Marlboro, New Jersey 07746, USA

The Assignor invented and/or co-invented one or more inventions contributions, concepts, ideas, developments, discoveries, processes, formulas, methods compositions, techniques, techniques, 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 BROWSE AND RESTORE FOR BLOCK-LEVEL BACKUPS and naming Assignor as inventor(s), and filled on as U.S. Application No. (the "Application"). The Assignor authorizes the Assignee, identified below, or its representatives to insert the application number and filling 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;
- (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 toregoing 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

Page 1 of 4

(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 end 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.

Assignor 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, it not presently in Assignor's possession, will be delivered to Assignee immediately upon creation thereof.

Assignor 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 filling 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, interpretation, interpretation, parties review, post-grant review, covered business method patent review, supplemental examination, exparte 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 Assigner'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

Page 2 of 4

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: June 17, 2015.

Assignor's Signature:

SUNIL KUMAR GUTTA

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:

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.

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

Page 3 of 4

SRI KARTHIK BHAGI

Assume a Camanas	
	Clate  Date  Altorney at Law of the State of New Jersey I the person(s) who executed the foregoing
Assignor's Signature	
Market & Nordona	RAHULS PAWAR Date
Asserby's Name: JOSEPHINE A PALTIN on authorized president to NUSA 412-1, having identifie	Altomoyas Law of the State of New Jersey

Page 4 of 4

discussed and who offirmed execution of same.

REEL: 043602 FRAME: 0065

### **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. 305, Road No. 16, Himayath Nagar, Hyderabad, 500029, India;
- Sri Karthik Bhagi, a citizen of India, and having a mailing address of 8 Country Club Road, Apt. 26, Eatontown, New Jersey 07724, USA;
- Vijay H. Agrawal, a citizen of India, and having a mailing address of D-501, Lincoln 1, Mahindra Royale, Pimpri Bhosari Road, Nr Ajmera, Pimpri, Pune 411018, India;
- Rahul S. Pawar, a citizen of the United States of America, and having a mailing address of 19 Barn Swallow Boulevard, Mariboro, New Jersey 07746, USA.

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 **BROWSE AND RESTORE FOR BLOCK-LEVEL BACKUPS** and naming Assignor as inventor(s), and filled on as U.S. Application No. \_\_\_\_\_\_\_ (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:
- (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.

Assignor 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 Assignor's possession, will be delivered to Assignee immediately upon creation thereof.

Assignor 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 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, interpartes review, post-grant review, covered business method patent review, supplemental examination, exparte 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: June 17, 2015.

Assignor's Signature:	
	SUNIL KUMAR GUTTA
Attorney's Signature:	Date:
Attorney's Name: JOSEPHINE A. PALTIN, authorized pursuant to N.J.S.A. 41:2-1, having iden document and who affirmed execution of same.	an Attorney-at-Law of the State of New Jersey, tified the person(s) who executed the foregoing
Assignor's Signature:	
	SRI KARTHIK BHAGI
Attorney's Signature:	Date:
Attorney's Name: JOSEPHINE A. PALTIN, authorized pursuant to N.J.S.A. 41:2-1, having identification and who affirmed execution of same.	an Attorney-at-Law of the State of New Jersey, tified the person(s) who executed the foregoing

Assignor's Signature:

VIJAY H. AGRAWAL

Attorney's Signature:

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.

RAHUL S. PAWAR

Attorney's Signature:

Attorney's Signature:

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

Page 4 of 4

RECORDED: 09/15/2017

document and who affirmed execution of same.

Assignee Docket No.:

100.434.US1.120