

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT6007753

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL ANTHONY	03/06/2020
ANURAG BHATNAGAR	03/03/2020
SHANMUGA ANAND GUNASEKARAN	03/02/2020
MARK ALDRED	03/06/2020
DAVID KING	03/09/2020
RECEIVING PARTY DATA	
Name:	EMC IP HOLDING COMPANY LLC
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16814471
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ATTORNEY DOCKET NUMBER:	118275.01
NAME OF SUBMITTER:	JOSEPH B. RYAN
SIGNATURE:	/Joseph B. Ryan/
DATE SIGNED:	03/11/2020
Total Attachments: 7	

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ASSIGNMENT

WHEREAS, we, Michael Anthony, Anurag Bhatnagar, Shanmuga Anand Gunasekaran, Mark Aldred and David King, have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled **RECOVERING A STORAGE VOLUME ASSOCIATED WITH A SNAPSHOT LINEAGE FROM CLOUD STORAGE**, the specification of which:

is being executed on even date herewith and is about to be filed in the United States Patent Office;

was filed on _____ as U.S. Application No. _____;

was patented under U.S. Patent No. _____ on _____.

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State of Delaware and having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the

giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date: 03/06/2020

Michael Anthony
Inventor's Signature

Full name of first inventor: Michael Anthony
Residence: Wilmington, Massachusetts
Citizenship: United States of America
Mailing Address: 9 Elm Street
Wilmington, Massachusetts 01887

Date: _____

Inventor's Signature

Full name of second inventor: Anurag Bhatnagar
Residence: Bangalore, Karnataka, India
Citizenship: India
Mailing Address: PR501, Golden Blossom Apartment
Belthur, Kadugodi
Bangalore, Karnataka, India 560067

Date: _____

Inventor's Signature

Full name of third inventor: Shanmuga Anand Gunasekaran
Residence: Bangalore, Karnataka, India
Citizenship: India
Mailing Address: #27 GR Sun Villas
Behind Prestige Tranquility Apt.
Huskur Road, Nimbekaipura
Bangalore, Karnataka, India 560049

Date: _____

Inventor's Signature

Full name of first inventor:

Michael Anthony

Residence:

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Citizenship:

United States of America

Mailing Address:

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Wilmington, Massachusetts 01887

Date: 03-Mar'20



Inventor's Signature

Full name of second inventor:

Anurag Bhatnagar

Residence:

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Citizenship:

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Belthur, Kadugodi
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Date: _____

Inventor's Signature

Full name of third inventor:

Shanmuga Anand Gunasekaran

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Citizenship:

India

Mailing Address:

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Date:

Inventor's Signature

Full name of first inventor:

Michael Anthony

Residence:

Wilmington, Massachusetts

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Date:

Inventor's Signature

Full name of second inventor:

Anurag Bhatnagar

Residence:

Bangalore, Karnataka, India

Citizenship:

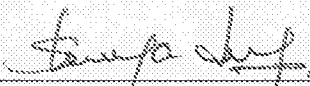
India

Mailing Address:

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Belthur, Kadugodi
Bangalore, Karnataka, India 560067

Date:

03/02/2020



Inventor's Signature

Full name of third inventor:

Shanmuga Anand Gunasekaran

Residence:

Bangalore, Karnataka, India

Citizenship:

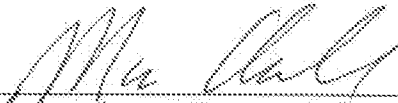
India

Mailing Address:

#27 GR Sun Villas
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Huskur Road, Nimbekaipura
Bangalore, Karnataka, India 560049

Date:

March 6, 2020



Inventor's Signature

Full name of fourth inventor:

Mark Aldred

Residence:

Franklin, Massachusetts

Citizenship:

United States of America

Mailing Address:

49 Acorn Place

Franklin, Massachusetts 02038

Date:

Inventor's Signature

Full name of fifth inventor:

David King

Residence:

Sudbury, Massachusetts

Citizenship:

United States of America

Mailing Address:

281 Goodman's Hill Road

Sudbury, Massachusetts 01776

Date:

Inventor's Signature

Full name of fourth inventor:

Mark Aldred

Residence:

Franklin, Massachusetts

Citizenship:

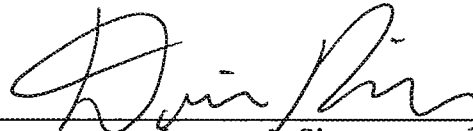
United States of America

Mailing Address:

49 Acorn Place
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Date:

3/9/2020



Inventor's Signature

Full name of fifth inventor:

David King

Residence:

Sudbury, Massachusetts

Citizenship:

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Mailing Address:

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Sudbury, Massachusetts 01776