

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6664014

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MALAK ALSHAWABKEH	04/13/2021
SUNIL GUMASTE	04/15/2021
ABHILASH SANAP	04/15/2021
RAVISH SACHDEVA	04/15/2021
PANKAJ SONI	04/16/2021
RONG YU	04/19/2021
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:	17234293
CORRESPONDENCE DATA	
Fax Number:	
<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:	774-350-0373
Email:	Kevin_Henry2@Dell.com
Correspondent Name:	EMC IP HOLDING COMPANY LLC
Address Line 1:	176 SOUTH STREET
Address Line 4:	HOPKINTON, MASSACHUSETTS 01748
ATTORNEY DOCKET NUMBER:	123672.01
NAME OF SUBMITTER:	KEVIN HENRY
SIGNATURE:	/Kevin Henry/
DATE SIGNED:	04/19/2021
Total Attachments: 8	

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ASSIGNMENT

WHEREAS, we, Malak Alshawabkeh, Sunil Gumaste, Abhilash Sanap, Ravish Sachdeva, Pankaj Soni, and Rong Yu 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 **STORAGE ARRAY ERROR MITIGATION**, 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 corporation 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,

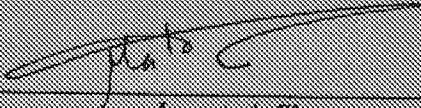
reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

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;

AND, we hereby authorize our attorneys, EMC IP Holding Company LLC, to insert here in parenthesis (_____) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

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

Date: 04/13/2021



Inventor's Signature

Print full name of inventor:

Malak Alhawabkeh

Residence:

2 Union Meadows Road, Franklin, Massachusetts
02038

Citizenship:

United States of America

Mailing Address:

Same as above

Date: _____

Inventor's Signature

Print full name of inventor:

Sunil Gumaste

Residence:

#23, KKR AMR Ruby Apartments, B Block 3,
Bengaluru, Karnataka, India 560013

Citizenship:

India

Mailing Address:

Same as above

Date: _____

Inventor's Signature

Print full name of inventor:

Abhilash Sanap

Residence:

Teachers colony, Shetu road, Near Water,
Maharashtra, India 444503

Citizenship:

India

Mailing Address:

Same as above

Date: _____

Inventor's Signature

Print full name of inventor:

Malak Alshawahkeh

Residence:

2 Union Meadows Road, Franklin, Massachusetts
02038

Citizenship:

United States of America

Mailing Address:

Same as above

Date: 15 APRIL 2021



Inventor's Signature

Print full name of inventor:

Sunil Gumaste

Residence:


#23, KKR AMR Ruby Apartments, Bengaluru, Karnataka, India 560013

Citizenship:

India

Mailing Address:

Same as above

 15 APRIL 2021
B BLOCK 304, HMT LD,
~~B Block 3~~ HMT MN RD,
JALAHALLI,

Date: _____

Inventor's Signature

Print full name of inventor:

Abhilash Sanap

Residence:

Teachers colony, Shelu road, Near Water,
Maharashtra, India 444503

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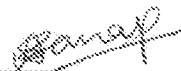
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Teachers colony, Shelu road, Near Water,
Maharashtra, India 444503

Citizenship:

India

Mailing Address:

Same as above

Date: 15th APRIL, 2021

Ravish Sachdeva

Inventor's Signature

Print full name of inventor:

Ravish Sachdeva

Residence:

~~Maheshwari Residency (Colive orchid), 12th~~

~~Gross, Bengaluru, India-560037~~

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Mailing Address:

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TRIKUTA NAGAR
Same as above JAMMU, J&K, INDIA 180020

Ravish Sachdeva
15th APRIL, 2021

Date: _____

Inventor's Signature

Print full name of inventor:

Pankaj Soni

Residence:

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India 332001

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India

Mailing Address:

Same as above

Date: _____

Inventor's Signature

Print full name of inventor:

Rong Yu

Residence:

440 W Roxbury Pkwy, West Roxbury,

Massachusetts 02132

Citizenship:

United States of America

Mailing Address:

Same as above

Date: _____

Inventor's Signature

Print full name of inventor:

Ravish Sachdeva

Residence:

Maheshwari Residency(Colive orchid), 12th
Cross, Bengaluru, India 560037

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Mailing Address:

Same as above

Date: 16 April 2011



Inventor's Signature

Print full name of inventor:

Pankaj Soni

Residence:

Old Ajmer Bus Stand Near Shitala Chowk, Sikar,
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Citizenship:

India

Mailing Address:

Same as above

Date: _____

Inventor's Signature

Print full name of inventor:

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Pankaj Soni

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Date: _____

6/19/2021

Inventor's Signature

Print full name of inventor:

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