

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4706873

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NICKOLAY DALMATOV	11/10/2017
MICHAEL P WAHL	11/12/2017
JIAN GAO	11/14/2017
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<b>City:</b>	HOPKINTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01748
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15799156
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<b>SIGNATURE:</b>	/Timothy Peng/
<b>DATE SIGNED:</b>	11/28/2017
<b>Total Attachments: 5</b>	
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## ASSIGNMENT

**WHEREAS**, we, Nickolay Dalmatov, Michael P. Wahl and Jian Gao, 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 SYSTEM AND METHOD (Application), 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 October 31, 2017 as U.S. Application No. 15/799,156;

☐ 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 Corporation, 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: 10-Nov-2017

  
Inventor's Signature

Print full name of inventor

Nickolay Dalmatov

Residence

St. Petersburg, Russia

Citizenship

Russia

Mailing Address

Slavy, 13, 108

192239 St. Petersburg, Russia

I, Leonid Eremov (name of first witness), whose residential address is  
Russia, St. Petersburg, Mebelnaya 25k1 / 435

was personally present and did see Nickolay Dalmatov (name of person signing the assignment),  
who is personally known to me, execute the above assignment.

  
(signature of first witness)

Signed at St. Petersburg, Russia (location of witness signature)

on this day, 10 Nov., 2017 (date of signature).

I, Petr Chernikov (name of second witness), whose residential address is  
Russia, St. Petersburg, Shuvabovskiy prospekt 90k1, 302

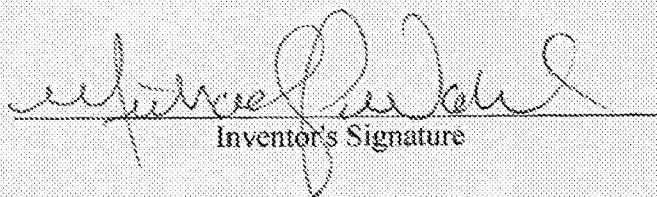
was personally present and did see Nickolay Dalmatov (name of person signing the assignment),  
who is personally known to me, execute the above assignment.

  
(signature of second witness)

Signed at St. Petersburg, Russia (location of witness signature)

on this day, 10 Nov., 2017 (date of signature)

Date: Nov 12, 2017

  
Inventor's Signature

Print full name of inventor:

Michael P. Wahl

Residence:

Bulverde, TX

Citizenship:

United States

Mailing Address:

1257 Glenwood Loop  
Bulverde, TX 78163

I, Phyllis DiSabato (name of first witness), whose residential address is

1 Towers Park Ln #1103 SAT 78209

was personally present and did see Michael P. Wahl (name of person signing the assignment),  
who is personally known to me, execute the above assignment.

 (signature of first witness)

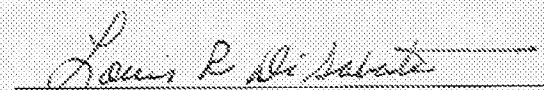
Signed at SAN ANTONIO, TX 78209 (location of witness signature)

on this day, November 12, 2017 (date of signature).

I, Louis R. DiSabato (name of second witness), whose residential address is

1 TOWERS PARK LN SATX 78209

was personally present and did see Michael P. Wahl (name of person signing the assignment),  
who is personally known to me, execute the above assignment.

 (signature of second witness)

Signed at San Antonio, TX (location of witness signature)

on this day, November 12, 2017 (date of signature).

Date:

2017. 11. 14



Inventor's Signature

Print full name of inventor:

Jian Gao

Residence:

Beijing, China

Citizenship:

China

Mailing Address:

601# Building 16, Rongfeng 2008  
Guanganmen Wai Street, Xicheng District  
Beijing, China

I, Feng Changyu (name of first witness), whose residential address is

7/F, Building D, Tsinghua Science Park, Haidian District, Beijing

was personally present and did see Jian Gao (name of person signing the assignment), who is personally known to me, execute the above assignment.

Feng Changyu (signature of first witness)

Signed at Tsinghua Science Park (location of witness signature)

on this day, 11.14, 2017 (date of signature).

I, Ge Ping (name of second witness), whose residential address is

Apt. 1401, Bld. 47, Huayanbeili, Chaoyang District, Beijing

was personally present and did see Jian Gao (name of person signing the assignment), who is personally known to me, execute the above assignment.

Ge Ping (signature of second witness)

Signed at Tsinghua Science Park (location of witness signature)

on this day, 11.14, 2017 (date of signature).