

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HAIFANG ZHAI	02/26/2018
YUJIE ZHOU	02/26/2018
QINGQIANG GUO	02/26/2018
WEIDONG ZHOU	04/10/2018
WENJIN SERAPH XU	02/26/2018
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:	15846311
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>	
Email:	Holly_Vigliatura@dell.com
Correspondent Name:	EMC IP HOLDING COMPANY LLC
Address Line 1:	176 SOUTH STREET
Address Line 4:	HOPKINTON, MASSACHUSETTS 01748
ATTORNEY DOCKET NUMBER:	EMC-16-0790.02
NAME OF SUBMITTER:	HOLLY VIGLIATURA
SIGNATURE:	/Holly Vigliatura/
DATE SIGNED:	04/10/2018
Total Attachments: 7	
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ASSIGNMENT

WHEREAS, we, Haifang Zhai, Yujie Zhou, Quingqiang Guo, Weidong Zuo and Wenjin Seraph Xu 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 **A TOP COVER ARRANGEMENT FOR A STORAGE AND THE CORRESPONDING STORAGE** (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 December 19, 2017 as U.S. Application No. 15/846,311;
- ☐ 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 (15/846,311 filed December 19, 2017) 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: 2018.2.20

Haifang Zhai

Inventor's Signature

Print full name of inventor

Haifang Zhai

Residence

2F Building #2, KIC plaza No 252 Songhu

No 252 Songhu Rd

Shanghai, China 200433

Citizenship

China

Mailing Address

Same as above

I, David Dong (name of first witness), whose residential address is
Floor 2, K2C2, Songhu Rd, Shanghai PRC.
was personally present and did see **Haifang Zhai** (name of person signing the assignment), who
is personally known to me, execute the above assignment.

David Dong (signature of first witness)
Signed at Floor 2 K2C2 Songhu Rd, Shanghai PRC (location of witness signature)
on this day, Feb. 26, 2018 (date of signature).

I, Xujie Zhou (name of second witness), whose residential address is
Floor 2, K2C2, Songhu Rd, Shanghai PRC.
was personally present and did see **Haifang Zhai** (name of person signing the assignment), who
is personally known to me, execute the above assignment.

Xujie Zhou (signature of second witness)
Signed at Floor 2, K2C2, Songhu Rd, Shanghai PRC (location of witness signature)
on this day, Feb. 26, 2018 (date of signature).

Date: 2018.2.26

Yujie Zhou
Inventor's Signature

Print full name of inventor

Yujie Zhou

Residence

Shanghai Yangpu District, 402 Room, 6 building

No 318, Xiangyin

Shanghai, China 200433

Citizenship

China

Mailing Address

Same as above

I, David Dong (name of first witness), whose residential address is
Floor 2 K202 Songhu Rd Yangpu Shanghai PRC
was personally present and did see **Yujie Zhou** (name of person signing the assignment), who is
personally known to me, execute the above assignment.

David Dong (signature of first witness)
Signed at Floor 2 K202 Songhu Rd Yangpu Shanghai PRC (location of witness signature)
on this day, Feb. 26, 2018 (date of signature).

I, Zhihui Feng (name of second witness), whose residential address is
PRC. Shanghai
was personally present and did see **Yujie Zhou** (name of person signing the assignment), who is
personally known to me, execute the above assignment.

Zhihui Feng (signature of second witness)
Signed at PRC. Shanghai (location of witness signature)
on this day, 2.26, 2018 (date of signature).

Date: 2018/02/26

Qingqiang Guo

Inventor's Signature

Print full name of inventor

Qingqiang Guo

Residence

Shanghai Minhang District

20-502Room, DongFangYuHuaYuan II 513-13 L

513-13 Longming Road

Shanghai, China 201102

Citizenship

China

Mailing Address

Same as above

I, Sophia Shu (name of first witness), whose residential address is
2F, Building #2, No 252 Songhu Road, Shanghai PRC

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

Sophia Shu (signature of first witness)
Signed at No 252 Songhu Road, Shanghai, PRC (location of witness signature)
on this day, 2/26, 2018 (date of signature).

I, LZD Zhang (name of second witness), whose residential address is
2F, Building #2, No 252 Songhu Road, Shanghai PRC
was personally present and did see **Qingqiang Guo** (name of person signing the assignment),
who is personally known to me, execute the above assignment.

LZD Zhang (signature of second witness)
Signed at No 252 Songhu Road, Shanghai PRC (location of witness signature)
on this day, 2/26, 2018 (date of signature).

Date:

4/10/18

Inventor's Signature

Print full name of inventor

Weidong Zuo

Residence

2A Whitehall Circle

Shrewsbury, MA 01545

Citizenship

United States

Mailing Address

Same as above

I, Jeffrey Avelair (name of first witness), whose residential address is

14 Luke Street, Nashua, NH, 03063

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

(signature of first witness)

Signed at 121 South Street, Haverhill, MA, 01830 (location of witness signature)

on this day, 4/10, 2018 (date of signature).

I, Robert Proolz (name of second witness), whose residential address is

46 Surren Lane, Holden, MA

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

(signature of second witness)

Signed at 121 South St, Haverhill, MA (location of witness signature)

on this day, April 10th, 2018 (date of signature).

Date: 2/26/2018

Wenjin Xu
Inventor's Signature

Print full name of inventor

Wenjin Seraph Xu

Residence

Shanghai Zhabei District

401 Room, NO.53, Lane 319 Liuying Road

Shanghai, China 200433

Citizenship

China

Mailing Address

Same as above

I, Hu Li (name of first witness), whose residential address is
No. 252#, Songhu Rd., Yangpu, Shanghai
was personally present and did see **Wenjin Seraph** (name of person signing the assignment),
who is personally known to me, execute the above assignment.

Hu Li (signature of first witness)
Signed at No. 252#, Songhu Rd., Yangpu, Shanghai (location of witness signature)
on this day, Feb. 26, 2018, 2018 (date of signature).

I, Huihong Xiang (name of second witness), whose residential address is
No. 252#, Songhu Road, Yangpu, Shanghai
was personally present and did see **Wenjin Seraph** (name of person signing the assignment),
who is personally known to me, execute the above assignment.

Huihong Xiang (signature of second witness)
Signed at No. 252#, Songhu Rd., Yangpu, Shanghai (location of witness signature)
on this day, Feb. 26, 2018, 2018 (date of signature).