

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3928987

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHAO WU	04/28/2016
LI ZHAI	04/29/2016
BRYAN XIAOGUANG FU	04/29/2016
HONGTAO ZHANG	04/29/2016
ANDREW ANZHOU HOU	04/29/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EMC CORPORATION
<b>Street Address:</b>	176 SOUTH STREET
<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>
<b>Application Number:</b>	15097589
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	508-435-1000
<b>Email:</b>	Docketing@emc.com
<b>Correspondent Name:</b>	EMC CORPORATION OFFICE OF THE GENERAL CO
<b>Address Line 1:</b>	176 SOUTH STREET
<b>Address Line 4:</b>	HOPKINTON, MASSACHUSETTS 01748
<b>ATTORNEY DOCKET NUMBER:</b>	EMC-14-1199(CN)US1
<b>NAME OF SUBMITTER:</b>	KONRAD R. LEE
<b>SIGNATURE:</b>	/Konrad R. Lee/
<b>DATE SIGNED:</b>	06/21/2016
<b>Total Attachments: 7</b>	
source=EMC-14-1199CNUS1ExecutedAssignment#page1.tif	

source=EMC-14-1199CNUS1ExecutedAssignment#page2.tif  
source=EMC-14-1199CNUS1ExecutedAssignment#page3.tif  
source=EMC-14-1199CNUS1ExecutedAssignment#page4.tif  
source=EMC-14-1199CNUS1ExecutedAssignment#page5.tif  
source=EMC-14-1199CNUS1ExecutedAssignment#page6.tif  
source=EMC-14-1199CNUS1ExecutedAssignment#page7.tif

## ASSIGNMENT

WHEREAS, we, Chao Wu, Li Zhai, Bryan Xiaoguang Fu, Hongtao Zhang and Andrew Anzhou Hou 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 TESTING A STORAGE NETWORK (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 April 13, 2016 as U.S. Application No. 15097589;
- ☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

WHEREAS, EMC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts 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: 4.29.2016

Wu Chao

Inventor's Signature

Print full name of inventor

Chao Wu

Residence

Yongye Road 252 42 Nong 17#303

Shanghai, China

Citizenship

China

Mailing Address

Same as above

I, Robert Xia (name of first witness), whose residential address is  
24-807, North Guofu Road Yangpu District Shanghai, China  
was personally present and did see Chao Wu (name of person signing the assignment), who is  
personally known to me, execute the above assignment.

Robert Xia (signature of first witness)

Signed at China CDE (location of witness signature)

on this day, 4.29, 20 16 (date of signature).

I, Xunki, Wu (name of second witness), whose residential address is  
Building #10, Middle Xunji Road #370, Yangpu District, Shanghai, China  
was personally present and did see Chao Wu (name of person signing the assignment), who is  
personally known to me, execute the above assignment.

Xunki, Wu (signature of second witness)

Signed at China WE (location of witness signature)

on this day, 4.29, 20 16 (date of signature).

Date: 2016. 4. 29

Li Zhai  
Inventor's Signature

Print full name of inventor

Li Zhai

Residence

No. 303, Building 19, Yongye Road, 4  
Shanghai, China

Citizenship

China

Mailing Address

Same as above

I, Robert Xie (name of first witness), whose residential address is  
24003, North Guofuan Road, Yangpu District Shanghai, China  
was personally present and did see Li Zhai (name of person signing the assignment), who is  
personally known to me, execute the above assignment.

Robert Xie (signature of first witness)  
Signed at China COE (location of witness signature)  
on this day, 6. 29, 20 16 (date of signature).

I, Yuki, Wu (name of second witness), whose residential address is  
Building #10, Middle Yanji Road, #370, Yangpu District, Shanghai, China  
was personally present and did see Li Zhai (name of person signing the assignment), who is  
personally known to me, execute the above assignment.

Yuki, Wu (signature of second witness)  
Signed at China COE (location of witness signature)  
on this day, 4. 29, 20 16 (date of signature).

Date:

4.29. 2016

Bryan Fu

Inventor's Signature

Print full name of inventor

Bryan Xiaoguang Fu

Residence

Room 6-502, Run Di Hua Ting, #68  
Sui Zhong Road, Yang Pu District  
Shanghai, China

Citizenship

China

Mailing Address

Same as above

I, Robert Xia (name of first witness), whose residential address is  
24-803, North Guang Road, Yangpu district, Shanghai, China  
was personally present and did see Bryan Xiaoguang Fu (name of person signing the  
assignment), who is personally known to me, execute the above assignment.

Robert Xia (signature of first witness)  
Signed at China COE (location of witness signature)  
on this day, 16.09, 2016 (date of signature).

I, Xinlei Wu (name of second witness), whose residential address is  
Building #10, Nable Yanji Road #320, Yangpu District, Shanghai, China  
was personally present and did see Bryan Xiaoguang Fu (name of person signing the  
assignment), who is personally known to me, execute the above assignment.

Xinlei Wu (signature of second witness)  
Signed at China COE (location of witness signature)  
on this day, 4.29, 2016 (date of signature).

Date: 2016. 4. 29.

Hongtao Zhang  
Inventor's Signature

Print full name of inventor

Hongtao Zhang

Residence

Shanghai, China

Citizenship

China

Mailing Address

Same as above

I, Xutai Wu (name of first witness), whose residential address is  
Building #10, Middle Yanji Road #320 Yangpu District, Shanghai, China  
was personally present and did see **Hongtao Zhang** (name of person signing the assignment),  
who is personally known to me, execute the above assignment.

Xutai Wu (signature of first witness)

Signed at China CTE (location of witness signature)

on this day, 4. 29, 20 16 (date of signature).

I, Peter Wang (name of second witness), whose residential address is  
Room 301, No. 1381, No. 118, Temple Road, Shanghai, China  
was personally present and did see **Hongtao Zhang** (name of person signing the assignment),  
who is personally known to me, execute the above assignment.

Peter Wang (signature of second witness)

Signed at China CTE (location of witness signature)

on this day, 4. 29, 20 16 (date of signature).



Date: 2016. 4. 29

Andrew Hou  
Inventor's Signature

Print full name of inventor

Andrew Anzhou Hou

Residence

Room 201, No. 178, Lane 998

Baoxiang

Shanghai, China

Citizenship

China

Mailing Address

Same as above

I, Wu, Yuki (name of first witness), whose residential address is  
#10 Building, Middle YanTi Road Yangpu district, Shanghai, China  
was personally present and did see Andrew Anzhou Hou (name of person signing the  
assignment), who is personally known to me, execute the above assignment.

Wu, Yuki (signature of first witness)  
Signed at China CDE (location of witness signature)  
on this day, 4.29, 20 16 (date of signature).

I, Peter Hui (name of second witness), whose residential address is  
Room 301, Zhongyuan No. 114, Zaoqi Road, Shanghai, China  
was personally present and did see Andrew Anzhou Hou (name of person signing the  
assignment), who is personally known to me, execute the above assignment.

Peter Hui (signature of second witness)  
Signed at China CB (location of witness signature)  
on this day, 4.29, 20 16 (date of signature).