

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	YONG ZOU	01/12/2018
	PENG WU	01/15/2018
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:	15627598
CORRESPONDENCE DATA		
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<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>		
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ATTORNEY DOCKET NUMBER:	EMC-16-0292.02	
NAME OF SUBMITTER:	HOLLY VIGLIATURA	
SIGNATURE:	/Holly Vigliatura/	
DATE SIGNED:	04/05/2018	
Total Attachments: 5		
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source=Assignment_Signed_Wu_Zou#page2.tif		
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source=Assignment_Signed_Wu_Zou#page5.tif		

ASSIGNMENT

WHEREAS, we, Peter Hailin Peng, Yong Zou and Peng Wu, 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 **METHOD AND APPARATUS FOR FAILOVER PROCESSING** (Application), the specification of which:

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

[X] was filed on June 20, 2017 as U.S. Application No. 15/627,598;

[] 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 (15/627,598 filed June 20, 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: _____
Inventor's Signature _____

Print full name of inventor **Peter Hailin Peng**
No. 844, Unit 8, Building 13, Huajiadina
Residence Beijing, China 100102
Citizenship China (People's Republic)
Mailing Address Same as above

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

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

_____ (signature of first witness)

Signed at _____ (location of witness signature)
on this day, _____, 2017 (date of signature).

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

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

_____ (signature of second witness)

Signed at _____ (location of witness signature)
on this day, _____, 2017 (date of signature).

Date: Jan 12, 2018

Yong Zou

Inventor's Signature

Print full name of inventor

Yong Zou

Residence

4038, Lick Mill Boulevard

Santa Clara, CA 95054

Citizenship

China (People's Republic)

Mailing Address

Same as above

I, RAJEEV TIWARI (name of first witness), whose residential address is
1738 Silverwood Drive, San Jose CA 95124

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

Rajeev Tiwari

(signature of first witness)

Signed at 5450 Great American Parkway, Santa Clara CA 95054 (location of witness signature)

on this day, Jan 12, 2018, 2017 (date of signature).

I, Shibin Zhang (name of second witness), whose residential address is
3266 Alessandro Dr., San Jose, CA 95135

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

Shibin Zhang

(signature of second witness)

Signed at 5450 Great American Parkway, Santa Clara, CA 95054 (location of witness signature)

on this day, Jan 12, 2018, 2017 (date of signature).

Date: 01/15/2018

Peng Wu

Inventor's Signature

Print full name of inventor

Peng Wu

Residence

33-3-303, East Block, long Xinyuan

Huilongguan, Changping District

Beijing, China, China 102208

Citizenship

China (People's Republic)

Mailing Address

Same as above

I, Kun Yang (name of first witness), whose residential address is
3086 Jiahong Road, Jiading District, Shanghai, China

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

Kun Yang (signature of first witness)
Signed at 1198 Qinzhou North Road, Xu hui District Shanghai, China (location of witness signature)
on this day, Jan. 15, 2018 (date of signature).

I, Guohui Li (name of second witness), whose residential address is
439 Xinnan Road, Songjiang District, Shanghai, China
was personally present and did see **Peng Wu** (name of person signing the assignment), who is
personally known to me, execute the above assignment.

Guohui Li (signature of second witness)
Signed at 1198 Qinzhou North Road, Xu hui District, Shanghai, China (location of witness signature)
on this day, Jan. 15, 2018 (date of signature).