

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HAIFANG ZHAI	01/05/2018
ALICE AIQIN LIU	01/04/2018
JACKY JIANGUO PANG	01/04/2018
MICHAEL HAO ZHOU	01/04/2018
QINGQIANG GUO	01/04/2018
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:	15846404
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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-16-0739.02
NAME OF SUBMITTER:	HOLLY VIGLIATURA
SIGNATURE:	/Holly Vigliatura/
DATE SIGNED:	01/11/2018
Total Attachments: 7	
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ASSIGNMENT

WHEREAS, we, Alice Aiqin Liu, Quinqiang Guo, Haifang Zhai, Jacky Jianquo Pang and Michael Hao Zhou 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 GUIDERAIL FOR A CABINET, CHASSIS AND CABINET (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. 15/846,404;

☐ 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 (15/846,404 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: 2018.1.5

Zhai haifang
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
No.189, Beixi Rd Yangpu 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 3, No. 252, Songhu Rd, Shanghai (location of witness signature)
on this day, 2018.01.05, 2018 (date of signature).

I, Handy W. (name of second witness), whose residential address is
Floor 3, No. 252, Songhu Rd Shanghai
was personally present and did see **Haifang Zhai** (name of person signing the assignment), who
is personally known to me, execute the above assignment.

Handy W. (signature of second witness)
Signed at Floor 3, No. 252, Songhu Rd Shanghai (location of witness signature)
on this day, 2018.01.05, 2018 (date of signature).

Date: Jan 04, 2018

Alice Liu
Inventor's Signature

Print full name of inventor

Alice Aiqin Liu

Residence

Rm 2002, No.500 Chifeng Rd, Hongkou

Shanghai, China 200083

Citizenship

China

Mailing Address

Same as above

I, Ray Yin (name of first witness), whose residential address is
EMC Corporation 2F, Building #2, KIC Plaza, No. 252 Songhu Rd. SH 200433 P.R.C
was personally present and did see **Alice Aiqin Liu** (name of person signing the assignment),
who is personally known to me, execute the above assignment.

Ray Yin (signature of first witness)
Signed at EMC SH (location of witness signature)
on this day, Jan 04, 2018 (date of signature).

I, Chambers Yin (name of second witness), whose residential address is
EMC Corporation 2F, Building #2, KIC Plaza, No. 252 Songhu Rd. 200433. PRC
was personally present and did see **Alice Aiqin Liu** (name of person signing the assignment),
who is personally known to me, execute the above assignment.

Chambers (signature of second witness)
Signed at EMC COE SH (location of witness signature)
on this day, Jan 04, 2018 (date of signature).

Date: Jan 04, 2018

Jacky Jianguo Pang

Inventor's Signature

Print full name of inventor

Jacky Jianguo Pang

Residence

Pudong District

Lane 667, Jufeng Road No.128, Room 301

Shanghai, China 200129

Citizenship

China

Mailing Address

Same as above

I, Xu, jiu ling (name of first witness), whose residential address is

No. 152 Songhu Road, Yangpu District, Shanghai

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

Xu, jiu ling

(signature of first witness)

Signed at No. 152, Songhu Road, Yangpu District, Shanghai (location of witness signature)

on this day, Jan 04, 2018 (date of signature).

I, Zhai hai feng (name of second witness), whose residential address is

PRC, Shanghai

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

Zhai hai feng

(signature of second witness)

Signed at Shanghai (location of witness signature)

on this day, 1/6, 2018 (date of signature).

Date: Jan 04, 2018

Michael Hao Zhou

Inventor's Signature

Print full name of inventor

Michael Hao Zhou

Residence

No. 828, Guoquan Road

Shanghai, China 200433

Citizenship

China

Mailing Address

Same as above

I, Zheng Tao Terry (name of first witness), whose residential address is

No. 252, Songhu Road, Yangpu District, Shanghai

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

Terryzhong (signature of first witness)

Signed at No. 252, Songhu Road, Yangpu District, Shanghai (location of witness signature)

on this day, Jan 04, 2018 (date of signature).

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

No. 252, Songhu Road, Yangpu District, Shanghai

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

Eric Mao (signature of second witness)

Signed at No. 252, Songhu Road, Yangpu District, Shanghai (location of witness signature)

on this day, Jan 04, 2018 (date of signature).

Date: Jan 04, 2018

Qingqiang Guo

Inventor's Signature

Print full name of inventor

Qingqiang Guo

Residence

Shanghai Minhang District

20-502 Room, DongFangYuHuaYuanII

513-13 Longming Road

Shanghai, China 201102

Citizenship

China

Mailing Address

Same as above

I, Sandhu Hu (name of first witness), whose residential address is
#252 Songhu Rd, Building #2, Shanghai, P.R.C
was personally present and did see **Qingqiang Guo** (name of person signing the assignment),
who is personally known to me, execute the above assignment.

Sandhu Hu (signature of first witness)
Signed at #252 Songhu Rd, Building #2, Shanghai, P.R.C (location of witness signature)
on this day, Jan. 4, 2018 (date of signature).

I, Hu Li (name of second witness), whose residential address is
No. 252, Songhu Rd, Yangpu, Shanghai, P.R.C
was personally present and did see **Qingqiang Guo** (name of person signing the assignment),
who is personally known to me, execute the above assignment.

Hu Li (signature of second witness)
Signed at No. 252, Songhu Rd, Yangpu, Shanghai (location of witness signature)
on this day, Jan. 4th, 2018 (date of signature).