

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5484875

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NAIFENG LI	03/22/2019
JIAJIE SUN	03/22/2019
JUN WU	03/22/2019
ZIHAO JIANG	03/22/2019
MINGGANG LU	03/22/2019
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:	16362914
CORRESPONDENCE DATA	
Fax Number:	(508)366-4688
<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>	
Phone:	508-616-2900
Email:	Docket@BainwoodHuang.com
Correspondent Name:	BAINWOOD, HUANG & ASSOCIATES, LLC
Address Line 1:	2 CONNECTOR ROAD
Address Line 4:	WESTBOROUGH, MASSACHUSETTS 01581
ATTORNEY DOCKET NUMBER:	1003-664
NAME OF SUBMITTER:	DAVID E. HUANG, ESQ.
SIGNATURE:	/David E. Huang, Reg. No. 39,229/
DATE SIGNED:	04/22/2019
Total Attachments: 15	
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ASSIGNMENT

WHEREAS, I, Naifeng Li, as the original inventor or an original joint inventor 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, DEVICE AND COMPUTER PROGRAM PRODUCT FOR MANAGING LOG

which is further identified by Attorney Docket Number 1003-664;

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the state of Delaware and having a usual place of business at 176 South Street, Hopkinton, MA, 01748, USA, desires to acquire an interest therein in accordance with agreements duly entered into with me;

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, I 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 me had this assignment and sale not been made; I 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. I 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, I hereby further agree for myself and my 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

PATENT ASSIGNMENT
Attorney Docket No.: 1003-664
Client Docket No.: 111434.02

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, I 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 I hereby authorize the attorneys at Bainwood Huang & Associates LLC to insert here in parentheses

(16/362,914 , filed 3/25/2019)

the application number and filing date of said application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

Date: 3/22/2019

Naifeng Li.
Inventor's Signature

Legal name of inventor:

Naifeng Li

Residence:

Room 402, No. 4, Lane 1421, Shuidian Road
Shanghai, 200434
China (People's Republic)

Mailing Address:

Same as Above

Citizenship:

CN

I Li, Zuyu (name) whose residential address is
Building 2, No 252, Songhu Rd. Shanghai, China

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

Li, Zuyu (signature of first witness)

Signed at Building 2, No 252, Songhu Rd. Shanghai, China (location of witness signature)

on this day 3/22 of 2019. (date of signature)

I Xu, Junxian (name) whose residential address is
Building 2, No 252, Songhu Rd, Shanghai, China

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

Xu, Junxian (signature of second witness)

Signed at Building 2, No 252, Songhu Rd, Shanghai, China (location of witness signature)

on this day 3/22 of 2019. (date of signature)

ASSIGNMENT

WHEREAS, I, Jiajie Sun, as the original inventor or an original joint inventor 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, DEVICE AND COMPUTER PROGRAM PRODUCT FOR MANAGING LOG

which is further identified by Attorney Docket Number 1003-664;

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the state of Delaware and having a usual place of business at 176 South Street, Hopkinton, MA, 01748, USA, desires to acquire an interest therein in accordance with agreements duly entered into with me;

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, I 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 me had this assignment and sale not been made; I 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. I 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, I hereby further agree for myself and my 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, I 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 I hereby authorize the attorneys at Bainwood Huang & Associates LLC to insert here in parentheses

(16/362,914 , filed 3/25/2019)

the application number and filing date of said application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

Date: 3/22/2019

Jiajie Sun

Inventor's Signature

Legal name of inventor:

Jiajie Sun

Residence:

Room 1001, No. 3, Lane 133, Gao Yue Road
Baoshan District
Shanghai, China 200439
China (People's Republic)

Mailing Address:

Same as Above

Citizenship:

CN

I Zhang Hongzhi (name) whose residential address is
Building 2 No. 252 Songhu Road Shanghai China

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

Zhang Hongzhi (signature of first witness)

Signed at Building 2 No. 252 Songhu Road Shanghai China (location of witness signature)

on this day 3/22 of 20 19. (date of signature)

I Yi Wang (name) whose residential address is
Building 2 No. 252 Songhu Road Shanghai China

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

Yi Wang (signature of second witness)

Signed at Building 2 No. 252 Songhu Road Shanghai China (location of witness signature)

on this day 3/22 of 20 19. (date of signature)

ASSIGNMENT

WHEREAS, I, Jun Wu, as the original inventor or an original joint inventor 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, DEVICE AND COMPUTER PROGRAM PRODUCT FOR MANAGING LOG

which is further identified by Attorney Docket Number 1003-664;

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the state of Delaware and having a usual place of business at 176 South Street, Hopkinton, MA, 01748, USA, desires to acquire an interest therein in accordance with agreements duly entered into with me;

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, I 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 me had this assignment and sale not been made; I 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. I 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, I hereby further agree for myself and my 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, I 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 I hereby authorize the attorneys at Bainwood Huang & Associates LLC to insert here in parentheses

(16/362,914 , filed 3/25/2019)

the application number and filing date of said application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

Date: 3/22/2019

Jun Wu

Inventor's Signature

Legal name of inventor:

Jun Wu

Residence:

Room 102, Building 18,
Zhengli Road
Shanghai, 200433
China (People's Republic)

Mailing Address:

Same as Above

Citizenship:

CN

I Li. zu yu (name) whose residential address is

Building 2, No 252, Songhu Rd, Shanghai, China

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

Li. zu yu

(signature of first witness)

Signed at Building 2, No 252, Songhu Rd, Shanghai, China (location of witness signature)

on this day 3/22 of 2019. (date of signature)

I Xu. Junxian (name) whose residential address is

Building 2, No 252, Songhu Rd, Shanghai, China

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

Xu. Junxian

(signature of second witness)

Signed at Building 2, No 252, Songhu Rd, Shanghai, China (location of witness signature)

on this day 3/22 of 2019. (date of signature)

ASSIGNMENT

WHEREAS, I, Zihao Jiang, as the original inventor or an original joint inventor 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, DEVICE AND COMPUTER PROGRAM PRODUCT FOR MANAGING LOG

which is further identified by Attorney Docket Number 1003-664;

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the state of Delaware and having a usual place of business at 176 South Street, Hopkinton, MA, 01748, USA, desires to acquire an interest therein in accordance with agreements duly entered into with me;

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, I 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 me had this assignment and sale not been made; I 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. I 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, I hereby further agree for myself and my 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

PATENT ASSIGNMENT
Attorney Docket No.: 1003-664
Client Docket No.: 111434.02

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, I 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 I hereby authorize the attorneys at Bainwood Huang & Associates LLC to insert here in parentheses

(16/362,914 , filed 3/25/2019)

the application number and filing date of said application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

Date: 3/22/2019

Zihao Jiang
Inventor's Signature

Legal name of inventor:

Zihao Jiang

Residence:

Room 803, No. 38, Lane 1321, Shuidian Road
Shanghai,
China (People's Republic)

Mailing Address:

Same as Above

Citizenship:

CN

I Zhang Hongzhi (name) whose residential address is
Building 2 No.252 Songhu Road Shanghai China

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

Zhang Hongzhi (signature of first witness)

Signed at Building 2 No.252 Songhu Road Shanghai China (location of witness signature)

on this day 3/22 of 2019. (date of signature)

I Yi Wang (name) whose residential address is
Building 2 No.252 Songhu Road Shanghai China

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

Yi Wang (signature of second witness)

Signed at Building 2 No.252 Songhu Road Shanghai China (location of witness signature)

on this day 3/22 of 2019. (date of signature)

ASSIGNMENT

WHEREAS, I, Minggang Lu, as the original inventor or an original joint inventor 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, DEVICE AND COMPUTER PROGRAM PRODUCT FOR MANAGING LOG

which is further identified by Attorney Docket Number 1003-664;

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the state of Delaware and having a usual place of business at 176 South Street, Hopkinton, MA, 01748, USA, desires to acquire an interest therein in accordance with agreements duly entered into with me;

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, I 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 me had this assignment and sale not been made; I 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. I 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, I hereby further agree for myself and my 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, I 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 I hereby authorize the attorneys at Bainwood Huang & Associates LLC to insert here in parentheses

(16/362,914 , filed 3/25/2019)

the application number and filing date of said application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

Date: 2019.3.22

Minggang Lu (明 gang lu)
Inventor's Signature

Legal name of inventor:

Minggang Lu

Residence:

Room 203, No. 26, Lane 580
Zhengli Road
Yangpu District
Shanghai, China 200433
China (People's Republic)

Mailing Address:

Same as Above

Citizenship:

CN

I Dashi Dong (name) whose residential address is
3F, Building #1, KIC Plaza, No. 230, Songhu Rd, Shanghai, P.R. China

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

Dashi Dong (signature of first witness)
Signed at 3F, Building #1, KIC Plaza, No. 230, Songhu Rd, Shanghai, P.R. China (location of witness signature)

on this day 22th March of 2019. (date of signature)

I Jun Liu (name) whose residential address is
188th Hualiang Rd, Tiading District, Shanghai, P.R. China

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

Jun Liu (signature of second witness)
Signed at 3F, Building #1, KIC Plaza, No. 230, Songhu Rd, Shanghai, P.R. China (location of witness signature)

on this day 22th March of 2019. (date of signature)