

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Changbin GONG</td><td>11/21/2008</td></tr><tr><td>Rulian W. FISKE</td><td>11/21/2008</td></tr><tr><td>Fernando OLIVEIRA</td><td>12/26/2008</td></tr><tr><td>Yu TENG</td><td>11/24/2008</td></tr><tr><td>Rui TANG</td><td>11/24/2008</td></tr></tbody></table>	Name	Execution Date	Changbin GONG	11/21/2008	Rulian W. FISKE	11/21/2008	Fernando OLIVEIRA	12/26/2008	Yu TENG	11/24/2008	Rui TANG	11/24/2008	
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>EMC Corporation</td></tr><tr><td>Street Address:</td><td>176 South Street</td></tr><tr><td>City:</td><td>Hopkinton</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>01748</td></tr></table>	Name:	EMC Corporation	Street Address:	176 South Street	City:	Hopkinton	State/Country:	MASSACHUSETTS	Postal Code:	01748			
Name:	EMC Corporation												
Street Address:	176 South Street												
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Postal Code:	01748												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12286296</td></tr></tbody></table>	Property Type	Number	Application Number:	12286296									
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Application Number:	12286296												
CORRESPONDENCE DATA													
Fax Number: (508)898-8602 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 5088988601													
Email: docketing@westboro-ip.com													
Correspondent Name: Muirhead and Saturnelli, LLC													
Address Line 1: 200 Friberg Parkway													
Address Line 2: Suite 1001													
Address Line 4: Westborough, MASSACHUSETTS 01581													
ATTORNEY DOCKET NUMBER:	EMS-246US												
NAME OF SUBMITTER:	Donald W. Muirhead												

OP \$40.00 12286296

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PATENT
REEL: 022031 FRAME: 0242

Total Attachments: 30

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ASSIGNMENT

WHEREAS, we, Changbin GONG, Rulian W. FISKE, Fernando OLIVEIRA, Yu TENG, and Rui TANG, 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 **MESSAGE LOGGING SYSTEM**, 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 September 29, 2008 as U.S. Application No. 12/286,296;
- ☐ 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.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below

Date: November 21, 2008



Inventor's Signature

Print full name of first inventor:

Changbin GONG

Residence:

6 Chartwell Circle

Shrewsbury, MA 01545

Citizenship:

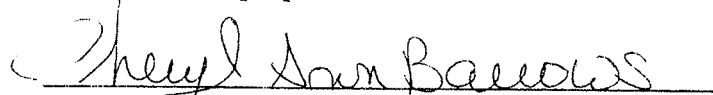
P.R. CHINA

Mailing Address:

Same

STATE OF Massachusetts
COUNTY OF Worcester

On this 21st day of November, 2008, then personally appeared before me the above-named **Changbin GONG** known to me through satisfactory evidence of identification ☒ employee identification card; ☐ driver's license; ☐ (other) W. Said to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.



Notary Public

Print Name: Cheryl Ann Barrows

My Commission expires: Nov. 2, 2012.

Date: _____

Inventor's Signature

Print full name of second inventor:

Rulian W. FISKE

Residence:

16 Steel Road

Hopedale, MA 01747

Citizenship:

USA

Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____

On this ____ day of _____, 2008, then personally appeared before me the above-named **Rulian W. FISKE** known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires:

Date: _____

Inventor's Signature

Print full name of third inventor:

Fernando OLIVEIRA

Residence:

72 River Ridge

Sudbury, MA 01776

Citizenship:

USA

Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____

On this ____ day of _____, 2008, then personally appeared before me the above-named **Fernando OLIVEIRA** known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____
_____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires:

Date: _____

Inventor's Signature

Print full name of fourth inventor:

Yu TENG

Residence:

Road Yindu No. 3151-58 Room 403

Shanghai, 201 108, CHINA

Citizenship:

P.R. CHINA

Mailing Address:

Same

I, _____ (name) whose residential address is

was personally present and did see **Yu TENG** (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 _____ of 20 _____. (date of signature)

I, _____ (name) whose residential address is

Was personally present and did see **Yu TENG** (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 _____ of 20 _____. (date of signature)

Date: _____

Inventor's Signature

Print full name of fifth inventor:

Rui TANG

Residence:

Room 605, 250#, Caoyang 3 Cun

Lanxi Road, Putuo District

Shanghai, PRC

Citizenship:

CHINA

Mailing Address:

Same

I, _____ (name) whose residential address is _____
was personally present and did see **Rui TANG** (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 _____ of 20 _____. (date of signature)

I, _____ (name) whose residential address is _____

Was personally present and did see **Rui TANG** (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 _____ of 20 _____. (date of signature)

ASSIGNMENT

WHEREAS, we, Changbin GONG, Rulian W. FISKE, Fernando OLIVEIRA, Yu TENG, and Rui TANG, 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 **MESSAGE LOGGING SYSTEM**, 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 September 29, 2008 as U.S. Application No. 12/286,296;

☐ 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

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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.

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 first inventor:

Changbin GONG

Residence:

6 Chartwell Circle

Shrewsbury, MA 01545

Citizenship:

P.R. CHINA

Mailing Address:

Same

STATE OF _____

COUNTY OF _____

On this ____ day of _____, 2008, then personally appeared before me the above-named **Changbin GONG** known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires:

Date: Nov. 21, 2008

Rulian W Fiske
Inventor's Signature

Print full name of second inventor:

Rulian W. FISKE

Residence:

16 Steel Road

Hopedale, MA 01747

Citizenship:

USA

Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF Worcester

On this 21st day of November, 2008, then personally appeared before me the above-named **Rulian W. FISKE** known to me through satisfactory evidence of identification ☒ employee identification card; ☐ driver's license; ☐ (other) W. Said to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Cheryl Ann Barrows
Notary Public

Print Name: Cheryl Barrows

My Commission expires: Nov. 2, 2012

Date: _____

Inventor's Signature

Print full name of third inventor:

Fernando OLIVEIRA

Residence:

72 River Ridge

Sudbury, MA 01776

Citizenship:

USA

Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____

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Notary Public

Print Name:

My Commission expires:

Date: _____

Inventor's Signature

Print full name of fourth inventor:

Yu TENG

Residence:

Road Yindu No. 3151-58 Room 403

Shanghai, 201 108, CHINA

Citizenship:

P.R. CHINA

Mailing Address:

Same

I, _____ (name) whose residential address is

was personally present and did see **Yu TENG** (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 _____ of 20 _____. (date of signature)

I, _____ (name) whose residential address is

Was personally present and did see **Yu TENG** (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 _____ of 20 _____. (date of signature)

Date: _____

Inventor's Signature

Print full name of fifth inventor:

Rui TANG

Residence:

Room 605, 250#, Caoyang 3 Cun
Lanxi Road, Putuo District
Shanghai, PRC

Citizenship:

CHINA

Mailing Address:

Same

I, _____ (name) whose residential address is

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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

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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.

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 first inventor:

Changbin GONG

Residence:

6 Chartwell Circle

Shrewsbury, MA 01545

Citizenship:

P.R. CHINA

Mailing Address:

Same

STATE OF _____

COUNTY OF _____

On this ____ day of _____, 2008, then personally appeared before me the above-named **Changbin GONG** known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires:

Date: _____

Inventor's Signature

Print full name of second inventor:

Rulian W. FISKE

Residence:

16 Steel Road
Hopedale, MA 01747

Citizenship:

USA

Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____

On this ____ day of _____, 2008, then personally appeared before me the above-named **Rulian W. FISKE** known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires:

Date: 12/26/08


Inventor's Signature

Print full name of third inventor:

Fernando OLIVEIRA

Residence:

72 River Ridge

Sudbury, MA 01776

Citizenship:

USA

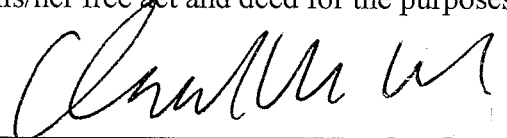
Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF Middlesex

On this 26th day of December, 2008, then personally appeared before me the above-named **Fernando OLIVEIRA** known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☒ (other) personally known to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.



Notary Public

Print Name: Donald W. Mirreant

My Commission expires: Feb 6, 2013

Date: _____

Inventor's Signature

Print full name of fourth inventor:

Yu TENG

Residence:

Road Yindu No. 3151-58 Room 403
Shanghai, 201 108, CHINA

Citizenship:

P.R. CHINA

Mailing Address:

Same

I, _____ (name) whose residential address is

was personally present and did see **Yu TENG** (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 _____ of 20___. (date of signature)

I, _____ (name) whose residential address is

Was personally present and did see **Yu TENG** (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 _____ of 20___. (date of signature)

Date: _____

Inventor's Signature

Print full name of fifth inventor:

Rui TANG

Residence:

Room 605, 250#, Caoyang 3 Cun

Lanxi Road, Putuo District

Shanghai, PRC

Citizenship:

CHINA

Mailing Address:

Same

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personally known to me, execute the above assignment.

(signature of second witness)

Signed at _____ (location of witness signature)

On this day _____ of 20___. (date of signature)

Attorney Docket No.: EMS-246US

EMC Docket No.: EMC-07-429

ASSIGNMENT

WHEREAS, we, Changbin GONG, Rubian W. FISKE, Fernando OLIVEIRA, Yu TENG, and Rui TANG, 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 **MESSAGE LOGGING SYSTEM**, the specification of which:

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[X] was filed on September 29, 2008 as U.S. Application No. 12/286,296;

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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

PATENT

REEL: 022031 FRAME: 0262

Attorney Docket No.: EMS-246US
EMC Docket No.: EMC-07-429

giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

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Date: _____

Inventor's Signature

Print full name of first inventor:

Changbin GONG

Residence:

6 Chartwell Circle

Shrewsbury, MA 01545

Citizenship:

P.R. CHINA

Mailing Address:

Same

STATE OF _____

COUNTY OF _____

On this ____ day of _____, 2008, then personally appeared before me the above-named **Changbin GONG** known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires:

Attorney Docket No.: EMS-246US
EMC Docket No.: EMC-07-429

Date: _____

Inventor's Signature

Print full name of second inventor:

Rulian W. FISKE

Residence:

16 Steel Road
Hopedale, MA 01747

Citizenship:

USA

Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____

On this ____ day of _____, 2008, then personally appeared before me the above-named **Rulian W. FISKE** known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires:

Attorney Docket No.: EMS-246US
EMC Docket No.: EMC-07-429

Date: _____

Inventor's Signature

Print full name of third inventor:

Fernando OLIVEIRA

Residence:

72 River Ridge
Sudbury, MA 01776

Citizenship:

USA

Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____

On this ____ day of _____, 2008, then personally appeared before me the above-named **Fernando OLIVEIRA** known to me through satisfactory evidence of identification [] employee identification card; [] driver's license; [] (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires:

Attorney Docket No.: EMS-246US
EMC Docket No.: EMC-07-429

Date: Nov. 24, 2008

Yu Teng
Inventor's Signature

Print full name of fourth inventor:

Yu TENG

Residence:

Road Yindu No. 3151-58 Room 403

Shanghai, 201 108, CHINA

Citizenship:

P.R. CHINA

Mailing Address:

Same

I, Liu Xiangfeng (name) whose residential address is
Maituan Road, Pudong, No. 50 Building 3 Room 1002, Shanghai, China
was personally present and did see Yu TENG (name of person signing the assignment)
who is personally known to me, execute the above assignment.

Liu Xiangfeng (signature of first witness)

Signed at Shanghai (location of witness signature)
On this day Nov. 24 of 2008 (date of signature)

I, Long Li (name) whose residential address is
Room 302, No. 123 Fuguan Rd. Changling District, Shanghai, 200335
Was personally present and did see Yu TENG (name of person signing the assignment) who is
personally known to me, execute the above assignment.

Long Li (signature of second witness)

Signed at Shanghai (location of witness signature)
On this day Nov 24 of 2008 (date of signature)

Attorney Docket No.: EMS-246US
EMC Docket No.: EMC-07-429

Date: _____

Inventor's Signature

Print full name of fifth inventor:

Rui TANG

Residence:

Room 605, 250#, Caoyang 3 Cun
Lanxi Road, Putuo District
Shanghai, PRC

Citizenship:

CHINA

Mailing Address:

Same

I, _____ (name) whose residential address is
_____ was personally present and did see **Rui TANG** (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 _____ of 20____. (date of signature)

I, _____ (name) whose residential address is

_____ Was personally present and did see **Rui TANG** (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 _____ of 20____. (date of signature)

Attorney Docket No.: EMS-246US
EMC Docket No.: EMC-07-429

ASSIGNMENT

WHEREAS, we, Changbin GONG, Rulian W. FISKE, Fernando OLIVEIRA, Yu TENG, and Rui TANG, 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 **MESSAGE LOGGING SYSTEM**, 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 September 29, 2008 as U.S. Application No. 12/286,296;
- ☐ 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

Attorney Docket No.: EMS-246US
EMC Docket No.: EMC-07-429

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.

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 first inventor:

Changbin GONG

Residence:

6 Chartwell Circle

Shrewsbury, MA 01545

Citizenship:

P.R. CHINA

Mailing Address:

Same

STATE OF _____

COUNTY OF _____

On this ____ day of _____, 2008, then personally appeared before me the above-named **Changbin GONG** known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires:

Attorney Docket No.: EMS-246US
EMC Docket No.: EMC-07-429

Date: _____

Inventor's Signature

Print full name of second inventor:

Rulian W. FISKE

Residence: *

16 Steel Road

Hopedale, MA 01747

Citizenship:

USA

Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____

On this ____ day of _____, 2008, then personally appeared before me the above-named **Rulian W. FISKE** known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires:

Attorney Docket No.: EMS-246US
EMC Docket No.: EMC-07-429

Date: _____

Inventor's Signature

Print full name of third inventor:

Fernando OLIVEIRA

Residence:

72 River Ridge

Sudbury, MA 01776

Citizenship:

USA

Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____

On this ____ day of _____, 2008, then personally appeared before me the above-named **Fernando OLIVEIRA** known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires:

Attorney Docket No.: EMS-246US
EMC Docket No.: EMC-07-429

Date: _____

Inventor's Signature

Print full name of fourth inventor:

Yu TENG

Residence:

Road Yindu No. 3151-58 Room 403

Shanghai, 201 108, CHINA

Citizenship:

P.R. CHINA

Mailing Address:

Same

I, _____ (name) whose residential address is

_____ was personally present and did see Yu TENG (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 _____ of 20__ (date of signature)

I, _____ (name) whose residential address is

_____ Was personally present and did see Yu TENG (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 _____ of 20__ (date of signature)

Attorney Docket No.: EMS-246US
EMC Docket No.: EMC-07-429

Date: November 24, 2008

Rui TANG

Inventor's Signature

Print full name of fifth inventor:

Rui TANG

Residence:

Room 605, 250#, Caoyang 3 Cun

Lanxi Road, Putuo District

Shanghai, PRC

Citizenship:

CHINA

Mailing Address:

Same

I, Lin Xiangfang (name) whose residential address is West Hua Road, Pudong; No. 50 Building 3 Room 1002, Shanghai, China
was personally present and did see Rui TANG (name of person signing the assignment)
who is personally known to me, execute the above assignment.

Lin Xiangfang (signature of first witness)

Signed at Shanghai (location of witness signature)
On this day Nov. 24 of 2008 (date of signature)

I, Long Li (name) whose residential address is Room 302, No. 123 Fuguan Rd. Chang Ning District Shanghai 200335
Was personally present and did see Rui TANG (name of person signing the assignment) who is
personally known to me, execute the above assignment.

Long Li (signature of second witness)

Signed at Shanghai (location of witness signature)
On this day Nov. 24 of 2008 (date of signature)