

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2656951

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>KAI CHEN</td> <td>12/19/2013</td> </tr> <tr> <td>PING CHEN</td> <td>12/19/2013</td> </tr> <tr> <td>MICHAEL JOHN DUTCH</td> <td>12/18/2013</td> </tr> <tr> <td>BO CHEN</td> <td>12/19/2013</td> </tr> <tr> <td>CHRISTOPHER HERCULES CLAUDATOS</td> <td>12/18/2013</td> </tr> <tr> <td>FENG SHAO</td> <td>12/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	KAI CHEN	12/19/2013	PING CHEN	12/19/2013	MICHAEL JOHN DUTCH	12/18/2013	BO CHEN	12/19/2013	CHRISTOPHER HERCULES CLAUDATOS	12/18/2013	FENG SHAO	12/19/2013
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<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				
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CORRESPONDENCE DATA															
Fax Number:	(408)973-2595														
Phone:	408-973-2585														
Email:	mgreen@ip-patent.com														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	VAN PELT, YI & JAMES LLP AND EMC CORPORA														
Address Line 1:	10050 N. FOOTHILL BLVD.														
Address Line 2:	SUITE 200														
Address Line 4:	CUPERTINO, CALIFORNIA 95014														
ATTORNEY DOCKET NUMBER:	EMCCP386														

CH \$40.00 14136288

NAME OF SUBMITTER:	LAURA ING
Signature:	/Laura Ing/
Date:	12/20/2013
<p>Total Attachments: 8</p> <p>source=EMCCP386 Executed Assignment#page1.tif</p> <p>source=EMCCP386 Executed Assignment#page2.tif</p> <p>source=EMCCP386 Executed Assignment#page3.tif</p> <p>source=EMCCP386 Executed Assignment#page4.tif</p> <p>source=EMCCP386 Executed Assignment#page5.tif</p> <p>source=EMCCP386 Executed Assignment#page6.tif</p> <p>source=EMCCP386 Executed Assignment#page7.tif</p> <p>source=EMCCP386 Executed Assignment#page8.tif</p>	

ASSIGNMENT

WHEREAS, we, Kai Chen, Ping Chen, Michael John Dutch, Bo Chen, Christopher Hercules Claudatos, and Feng Shao 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 TO INPUT CONTENT IN A STRUCTURED MANNER WITH REAL-TIME ASSISTANCE AND VALIDATION*** 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 _____ as U.S. Application No. _____;
- ☐ 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;

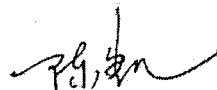
AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, 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: 12/19/2013



Inventor's Signature

Print full name of first inventor:

Kai Chen

Residence:

Shanghai, China

Citizenship:

People's Republic of China

Mailing Address:

176 South Street

Hopkinton, MA 01748

I Ziye Yang (name) whose residential address is
No. 252, Songhu Road
was personally present and did see Kai Chen (name of person signing
the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at Shanghai, PRC (location of witness signature)

on this day Dec. 19 of 2013. (date of signature)

I Xi Chen (name) whose residential address is
No. 252, Songhu Road
was personally present and did see Kai Chen (name of person signing
the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at Shanghai, PRC (location of witness signature)

on this day Dec 19 of 2013. (date of signature)

Date: 12/19/2013

Pg 3
Inventor's Signature

Print full name of second inventor:

Ping Chen

Residence:

Shanghai, China

Citizenship:

People's Republic of China

Mailing Address:

176 South Street
Hopkinton, MA 01748

I Ziyi Yang (name) whose residential address is
No. 1252 Songhu Road, Shanghai
was personally present and did see Pg 3 (name of person signing
the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at Shanghai, P.R.C (location of witness signature)

on this day Dec. 19 of 2013. (date of signature)

I Xi Chen (name) whose residential address is
No. 12 Songhu Road
was personally present and did see Pg 3 (name of person signing
the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at Shanghai PRC (location of witness signature)

on this day Dec 19 of 2013. (date of signature)

Date:

Dec 18, 2013



Inventor's Signature

Print full name of third inventor:

Michael John Dutch

Residence:

Saratoga, CA

Citizenship:

United States

Mailing Address:

176 South Street

Hopkinton, MA 01748

STATE OF
COUNTY OF

CA
Santa Clara

On this 18 day of December, 2013, before me appeared Michael John Dutch who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

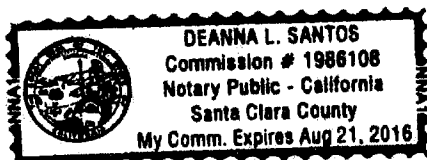
WITNESS my hand and official seal.

Deanna L. Santos

Notary Public

Print Name: Deanna L. Santos

My Commission expires 8 / 21 / 2016



Date:

12/19/2013

陈波

Inventor's Signature

Print full name of fourth inventor:

Bo Chen

Residence:

Shanghai, China

Citizenship:

People's Republic of China

Mailing Address:

176 South Street

Hopkinton, MA 01748

I Lintao Wan (name) whose residential address is

No. 252 Songhu Road Shanghai

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

万林涛

(signature of first witness)

Signed at Shanghai PRC (location of witness signature)

on this day Dec 19 of 20 13 (date of signature)

I Xi Chen (name) whose residential address is

No. 252 Songhu Road

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

陈波

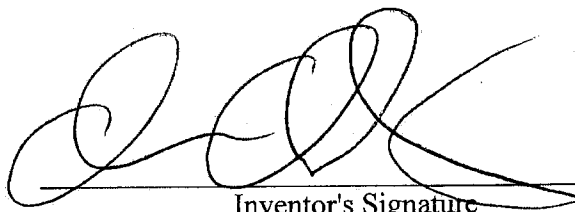
(signature of second witness)

Signed at Shanghai PRC (location of witness signature)

on this day Dec 19 of 20 13 (date of signature)

Date:

12/18/2013


Inventor's Signature

Print full name of fifth inventor:

Christopher Hercules Claudatos

Residence:

San Jose, CA

Citizenship:

United States

Mailing Address:

176 South Street

Hopkinton, MA 01748

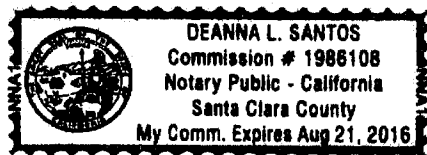
STATE OF
COUNTY OF

CA
Santa Clara

On this 18 day of December, 2013, before me appeared Chris Claudatos who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity(ies), and that by his/~~her~~/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Deanna L. Santos

Notary Public

Print Name: Deanna L. Santos

My Commission expires 8/21/2016

Date: 12/19/2013

邵鋒

Inventor's Signature

Print full name of sixth inventor:

Feng Shao

Residence:

Suzhou, China

Citizenship:

People's Republic of China

Mailing Address:

176 South Street

Hopkinton, MA 01748

I Xi Chen (name) whose residential address is
No. 252 Songhu Road Shanghai
was personally present and did see 邵鋒 (name of person signing
the assignment) who is personally known to me, execute the above assignment.

邵鋒 (signature of first witness)

Signed at Shanghai PRC (location of witness signature)

on this day Dec 19 of 2013. (date of signature)

I Lintao Wan (name) whose residential address is
No 252 Songhu Road
was personally present and did see 邵鋒 (name of person signing
the assignment) who is personally known to me, execute the above assignment.

邵鋒 (signature of second witness)

Signed at Shanghai RPC (location of witness signature)

on this day Dec 19 of 2013 (date of signature)