

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

James T. Compton
Uday K. Gupta

2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 3/28/2006, 3/30/2006 & 6/29/2006

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

Street Address: 176 South Street

City: Hopkinton

State: MA

Country: USA Zip: 01748

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)
11/394,768

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Gregory A. Hunt, Jenkins, Wilson, Taylor & Hunt, P.A.

Internal Address: _____

Street Address: Suite 1200 University Tower

3100 Tower Boulevard

City: Durham

State: NC Zip: 27707

Phone Number: 001-919 493-8000

Fax Number: 001-919 419-0383

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

☐ Authorized to be charged by credit card

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

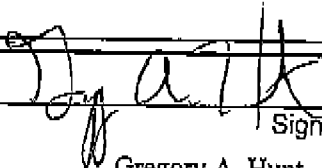
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-0426

Authorized User Name _____

9. Signature:



Signature

Gregory A. Hunt

Name of Person Signing

7-10-06
Date

Total number of pages including cover sheet, attachments, and documents:

13

Documents to be recorded (including cover sheet) should be faxed to (571) 273-01407, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 500426 11394768

ATTACHMENT FOR RECORDATION FORM COVER SHEET
PATENTS ONLY (Form PTO-1595)

1. Name of conveying party(ies):

Sorin Faibish

Roy E. Clark

Stephen Fridella

Xiaoye Jiang

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____

State: _____

ZIP: _____

Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____

State: _____

ZIP: _____

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No

PATENT/Assignment
Attorney Docket No.: 1512/10
Express Mail Mailing Label No. ER530238061US

ASSIGNMENT

WHEREAS, we, James T. Compton, Uday K. Gupta, Sorin Faibish, Roy E. Clark, Stephen Fridella, and Xiaoye Jiang 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 METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING ACCESS TO SHARED STORAGE BY COMPUTING GRIDS AND CLUSTERS WITH LARGE NUMBERS OF NODES, 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 March 31, 2006 as U.S. Application No. 11/394,768_____;

☐ 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

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Attorney Docket No.: 1512/10

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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: 6/29/2006


Inventor's Signature

Print full name of first inventor:

James T. Compton

Residence:

USA

Citizenship:

USA

Mailing Address:

2215 West Club Boulevard
Durham, North Carolina 27705

STATE/COMMONWEALTH OF
COUNTY OF

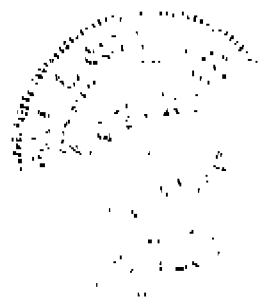
NORTH CAROLINA
DURHAM

Then personally appeared before me the above-named James T. Compton and acknowledged that he executed the foregoing instrument as his free act and deed this 29TH day of JUNE, 2006.


Notary Public

Print Name: JULIE L. OSTERMEYER

My Commission expires 02/09/2008



PATENT/Joint Assignment
Attorney Docket No.: 1512/10

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Date: 3/30/2006



Inventor's Signature

Print full name of second inventor:

Uday K. Gupta

Residence:

USA

Citizenship:


India

Mailing Address:

5 Indigo Lane
Westford, Massachusetts 01886

STATE/Commonwealth of Massachusetts
COUNTY OF Worcester

Then personally appeared before me the above-named Uday K. Gupta and acknowledged that he executed the foregoing instrument as his free act and deed this 30th day of March, 2006.



Notary Public

Print Name: Linette S. Kelley
My Commission expires 03/30/2006

PATENT/Joint Assignment
Attorney Docket No.: 1512/10

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Date: 03/30/2006

Faibish

Inventor's Signature

Print full name of second inventor:

Sorin Faibish

Residence:

USA

Citizenship:

Israel

Mailing Address:

**11 Selwyn Road
Newton, Massachusetts 02461**

STATE/COMMONWEALTH OF
COUNTY OF

Massachusetts
Worcester

Then personally appeared before me the above-named Sorin Faibish and acknowledged that he executed the foregoing instrument as his free act and deed this 30th day of March, 2006.

Linette S. Kelley
Notary Public

Print Name: Linette S. Kelley

My Commission expires 05/05/2011




LINETTE S. KELLEY
Notary Public
Commonwealth of Massachusetts
My Commission Expires
May 5, 2011

PATENT/Joint Assignment
Attorney Docket No.: 1512/10

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Date: 3/28/06



Inventor's Signature

Print full name of second inventor:

Roy E. Clark

Residence:

USA

Citizenship:

USA

Mailing Address:

46 Wedgewood Drive
Hopkinton, Massachusetts 01748

STATE/COMMONWEALTH OF

COUNTY OF

Massachusetts
Worcester

Then personally appeared before me the above-named Roy E. Clark and acknowledged that he executed the foregoing instrument as his free act and deed this 28th day of March, 2006.




Notary Public

Print Name: Nancy J. Forrester

My Commission expires 03/07/2008

PATENT/Joint Assignment
Attorney Docket No.: 1512/10

6.

Date: 3/30/2006

Inventor's Signature

Print full name of second inventor:

Stephen Fridella

Residence:

USA

Citizenship:

USA

Mailing Address:

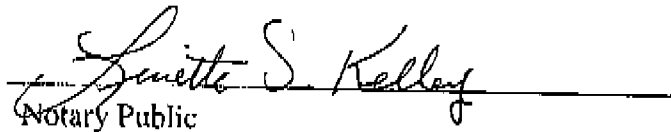
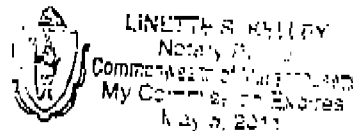
50 Slade Street
Belmont, Massachusetts 02478

STATE/Commonwealth of

COUNTY OF

Massachusetts
Worcester

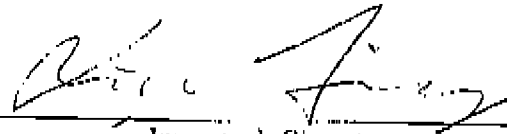
Then personally appeared before me the above-named Stephen Fridella and acknowledged that he executed the foregoing instrument as his free act and deed this 3rd day of March, 2006.


Notary PublicPrint Name: Linette S. KelleyMy Commission expires 05/05/2011

PATENT/Joint Assignment
Attorney Docket No.: 1512/10

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Date: 3/30/06

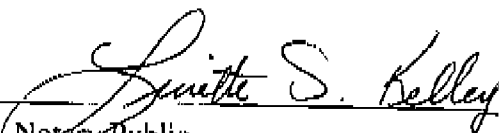


Inventor's Signature

Print full name of second inventor: **Xiaoye Jiang**
Residence: **USA**
Citizenship: **Peoples Republic of China**
Mailing Address: **4 King Arthur Road
Shrewsbury, Massachusetts 01545**

STATE/Commonwealth of Massachusetts
COUNTY OF Worcester

Then personally appeared before me the above-named Xiaoye Jiang and acknowledged that he executed the foregoing instrument as his free act and deed this 30th day of March, 2006.



Notary Public

Print Name: Linette S. Kelley
My Commission expires 03/30/2006

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PATENTS ONLY (Form PTO-1595)

1. Name of conveying party(ies):Sorin FaibishRoy E. ClarkStephen FridellaXiaoye Jiang

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No**2. Name and address of receiving party(ies)**

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached?

☐ Yes ☒ No**4. Application number(s) or patent number(s):**

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No