

Form PTO-1595 (Rev. 03/05)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

# 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)

David Haase  
Somnath Gulve  
Saurabh Pathak

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

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

Execution Date(s) June 29, 2007

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

### 2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address: \_\_\_\_\_

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) 11/823,986

☐ 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: 919-493-8000

Fax Number: 919-419-0383

Email Address: ghunt@jwth.com

### 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)

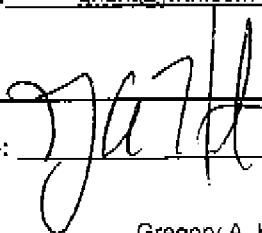
### 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-0426

Authorized User Name JENKINS, WILSON, TAYLOR & HUNT, P.A.

### 9. Signature:



Signature

November 19, 2009

Date

Gregory A. Hunt

Name of Person Signing

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

5

CH \$40.00 500426 11823986

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PATENT  
REEL: 023560 FRAME: 0467

PATENT/Assignment  
Attorney Docket No.: 1512/22  
Express Mail Mailing Label No. EV944037445US

### ASSIGNMENT

WHEREAS, we, David Haase, Somnath A. Gulve, and Saurabh M. Pathak 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 PROCESSING READ REQUESTS RECEIVED DURING A PROTECTED RESTORE OPERATION, 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

PATENT/Joint Assignment  
Attorney Docket No.: 1512/22

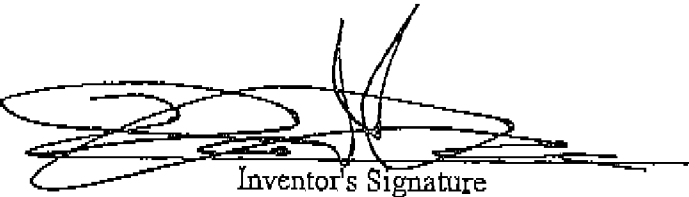
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successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and 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: 6/29/07

  
Inventor's Signature

Print full name of first inventor:

David Haase

Residence:

USA

Citizenship:

USA

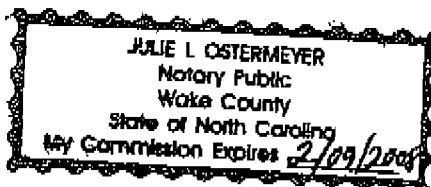
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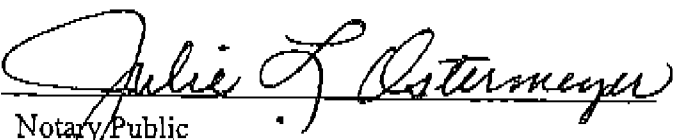
904 Cedar Point Court  
Fuquay Varina, North Carolina 27526

STATE/COMMONWEALTH OF  
COUNTY OF

NORTH CAROLINA  
DURHAM

Then personally appeared before me the above-named David Haase and acknowledged that he executed the foregoing instrument as his free act and deed this 29th day of JUNE, 2007.



  
Notary Public

Print Name: JULIE L. OSTERMEYER


My Commission expires 2/09/2008

PATENT  
REEL: 023560 FRAME: 0469

PATENT/Joint Assignment  
Attorney Docket No.: 1512/22

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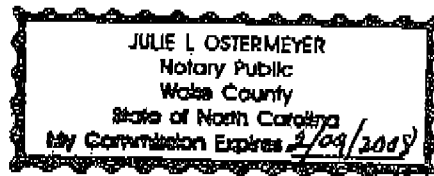
Date: 6/29/2007

  
\_\_\_\_\_  
Inventor's Signature

Print full name of second inventor: Somnath A. Gulve  
Residence: USA  
Citizenship: India  
Mailing Address: 2224 Glengate Circle  
Morrisville, North Carolina 27560

STATE/Commonwealth of  
COUNTY OFNORTH CAROLINA  
DURHAM

Then personally appeared before me the above-named Somnath A. Gulve and acknowledged  
that he executed the foregoing instrument as his free act and deed this 29<sup>TH</sup> day of  
JUNE, 2007.

  
\_\_\_\_\_  
Notary PublicPrint Name: JULIE L. OSTERMEYERMy Commission expires 2/09/2008

PATENT/Joint Assignment  
Attorney Docket No.: 1512/22

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Date: 6/29/2007



Inventor's Signature

Print full name of second inventor:

Saurabh M. Pathak

Residence:

USA


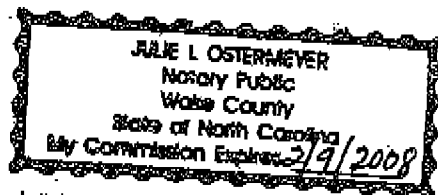
Citizenship:

India

Mailing Address:

1501 Mason Farm Road, Apt. 115  
Chapel Hill, North Carolina 27514STATE/COMMONWEALTH OF  
COUNTY OFNORTH CAROLINA  
FAYETTE DURHAM (Jo)

Then personally appeared before me the above-named Saurabh M. Pathak and acknowledged that he executed the foregoing instrument as his free act and deed this 29 day of JUNE, 2007.



Notary Public

Print Name:

JULIE L. OSTERMEYERMy Commission expires 2/09/2008