

EMC-99-190CON1

RECORDATION FORM COVER SHEET PATENTS ONLY

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

1. Name of conveying party(ies)

- 1. Madhav Mutalik
- 2. John Deshayes
- 3. Allan L. Scherr
- 4. Jeff Donovan

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

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

Execution Date: 1. 10/01/2001 2. 10/01/2001
3. 06/21/2001 4. 10/01/2001

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- 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) and address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s) 11/409,304

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Theodore A. Chen, Esq.

Internal Address: EMC Corporation

Street Address: 6801 Koll Center Parkway

City: Pleasanton State: CA Zip: 94566

Phone Number: 925-600-5681

Fax Number: 925-600-5682

Email Address: chen_theodore@emc.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 charge by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

B. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit account number 05-0889

Authorized User Name _____

9. Signature: /Theodore A. Chen/

August 26, 2008

Signature

Date

Theodore A. Chen

Total number of pages including cover sheet, attachments, and documents: [7]

Name of Person Signing

CH 640.00 050889 11409304

PATENT/Joint Assignment
Attorney Docket No.: EMC-99-190
WG&S Docket No. E0295/7144

ASSIGNMENT

WHEREAS, we, Madhav Mutalik, John Deshayes, Allan L. Scherr, and Jeff Donovan 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 APPARATUS AND METHOD FOR MIRRORING AND RESTORING DATA, 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 June 7, 2001 as U.S. Application No. 09/876,492;
- 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 35 Parkwood Drive, 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,

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Attorney Docket No.: EMC-99-190

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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:

10/01/01

Date:

M. Mutalik

Inventor's Signature

Print full name of first inventor:

Madhav Mutalik

Residence:

Southboro, Massachusetts

Citizenship:

US

Mailing Address:

8 Graystone Way
Southboro, MA 01772

STATE/Commonwealth of
COUNTY OF

Massachusetts
Middlesex

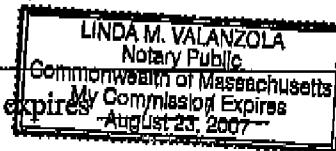
Then personally appeared before me the above-named Madhav Mutalik and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 1 day of October, 2001.

Linda M. Valanzola

Notary Public

Print Name:

My Commission expires



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Attorney Docket No.: EMC-99-190

Date: 10/1/01

John Deshayes
Inventor's Signature

Print full name of second inventor:

John Deshayes

Residence:

Hopkinton, Massachusetts

Citizenship:

US

Mailing Address:

7 Castle Hill Road
Hopkinton, MA 01748

STATE/Commonwealth of
COUNTY OF

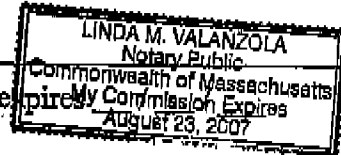
Massachusetts
Middlesex

Then personally appeared before me the above-named John Deshayes and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 1 day of October, 2001.

Linda M. Valanzola
Notary Public

Print Name:

My Commission expires



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Attorney Docket No.: EMC-99-190

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Date: 21 JUNE 2001




Inventor's Signature

Print full name of third inventor: **Allan L. Scherr**
Residence: Framingham, Massachusetts
Citizenship: US
Mailing Address: 12 Doeskin Drive
Framingham, MA 01701

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

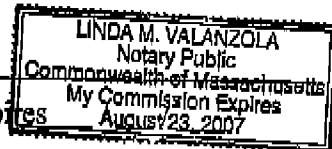
Then personally appeared before me the above-named **Allan L. Scherr** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 21 day of June, 2001.



Notary Public

Print Name: _____

My Commission expires _____



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Attorney Docket No.: EMC-99-190

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Date: 1-OCT-2001

Jeff Donovan
Inventor's Signature

Print full name of third inventor:

Jeff Donovan

Residence:

Holden, Massachusetts

Citizenship:

US

Mailing Address:

~~34 Colorado Drive~~ JLD
80 MIXTER ROAD
Holden, MA 01520

STATE/Commonwealth of
COUNTY OF

Massachusetts
Middlesex

Then personally appeared before me the above-named Jeff Donovan and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 1 day of October, 2001.

Linda M. Valanzola
Notary Public

Print Name:

My Commission expires

