

08-27-2003



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Atty Dkt No.: EMC2-056PUS

Form PTO-1595
(Rev. 03/01)
**RECORDATION FORM COVER SHEET
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OMB No. 0651-0027 (exp. 5/31/2002)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

David L. Black
Stephen D. MacArthur
Richard G. Wheeler
Robert A. Thibault
Michael Shulman

8-25-03

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

2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address: _____

Street Address: 176 South Street

City: Hopkinton State: MA Zip: 01748

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 7/21/03, 7/10/03, 7/14/03, 7/9/03, 7/10/03

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)

09/606,734

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Richard M. Sharkansky
Daly, Crowley & Mofford, LLP

Internal Address: _____

Street Address: 275 Turnpike Street, Suite 101

City: Canton State: MA Zip: 02021-2354

6. Total number of applications and patents involved: 1

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

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

50-0845

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard M. Sharkansky Reg. No. 25,800

Name of Person Signing

Signature

Date

8-21-03

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

08/26/2003 ECOOPER 00000096 09606734

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PATENT
REEL: 014418 FRAME: 0553

PATENT

ASSIGNMENT

Whereas we, the undersigned, David L. Black, Stephen D. MacArthur, Richard G. Wheeler, Robert A. Thibault, and Michael Shulman, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled DATA STORAGE SYSTEM HAVING SEPARATE TRANSFER SECTION AND MESSAGE NETWORK, identified as Attorney Docket No. 07072-113001 (now EMC2-056PUS) which application was filed on June 29, 2000 and assigned Application No. 09/606,734.

Whereas, EMC Corporation, a Massachusetts Corporation having a place of business at 176 South Street, Hopkinton, MA 01748-9103, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

PATENT

REEL 014418 FRAME: 0554

PATENT
Serial No. 09/606,734
Filed On: June 29, 2000
Attorney Docket No.: 07072-113001 (now EMC2-056PUS)

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

State or Commonwealth of Massachusetts

County Middlesex

Dated July 21, 2003

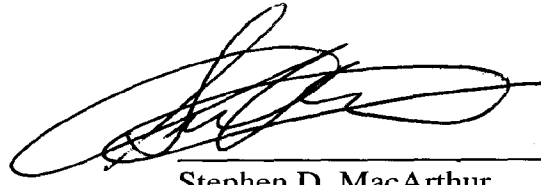
David L. Black
David L. Black

On this 21st day of July, 2003, before me appeared David L. Black to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

Ellen Lucy Healy
Notary Public
My Commission Expires
May 14, 2010

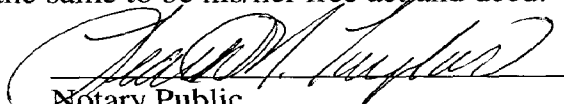
PATENT
Serial No. 09/606,734
Filed On: June 29, 2000
Attorney Docket No.: 07072-113001 (now EMC2-056PUS)

State or Commonwealth of MASSACHUSETTS
County MIDDLESEX
Dated 7/10/03


Stephen D. MacArthur

On this 10TH day of JULY, 2003, before me appeared Stephen D. MacArthur to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.


MY COMMISSION EXPIRES
MAY 30, 2008


Notary Public

State or Commonwealth of Massachusetts
County Middlesex
Dated July 17, 2003


Richard G. Wheeler

On this 17th day of July, 2003, before me appeared Richard G. Wheeler to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.


Notary Public
my Commission Expires
May 14, 2010

PATENT
Serial No. 09/606,734
Filed On: June 29, 2000
Attorney Docket No.: 07072-113001 (now EMC2-056PUS)

State or Commonwealth of Massachusetts

County Middlesex

Dated 7-9-03

Robert A. Thibault
Robert A. Thibault

On this 9th day of July, 2003, before me appeared Robert A. Thibault to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

Maryann O'Brien Blake
Notary Public

PATENT
Serial No. 09/606,734
Filed On: June 29, 2000
Attorney Docket No.: 07072-113001 (now EMC2-056PUS)

State or Commonwealth of MASSACHUSETTS
County MIDDLESEX
Dated 7/10/03

Michael Shulman
Michael Shulman

On this 10TH day of JULY, 2003, before me appeared Michael Shulman, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

[Signature]
Notary Public

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MY COMMISSION EXPIRES
MAY 30, 2008