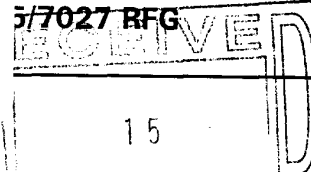


05-29-1998

MRD 0405-98



5/7027 RFG

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PATENTS ONLYFORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)U.S. DEPARTMENT OF COMMERCE
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To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Steven M. Blumenau

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

3. Nature of conveyance:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other _____

Execution Date: August 27, 1997

2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address:

Street Address: 171 South Street

Hopkinton, MA 01745

Additional name(s) & addresses(es) attached? [] Yes [X] 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 1

A. Patent Application No.(s)

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Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence
Concerning document should be mailed:Name: Richard F. Giunta
Address: WOLF, GREENFIELD & SACKS, P.C.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210

6. Total number of applications and patents involved: [1]

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

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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 F. Giunta

Name of Person Signing

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Date

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Attorney's Docket No. E0295/7027 RFG

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12-01-1997



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FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

U.S. DEPARTMENT OF COMMERCE
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To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Steven M. Blumenau

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

3. Nature of conveyance:

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

Execution Date: August 27, 1997

2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address:

Street Address: 170 Holly Lane

Holliston, MA 01746

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

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

08 922,227

If this document is being filed together with a new application, the execution date of the application is 1

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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04 FT:581
5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard F. Giunta
Address: WOLF, GREENFIELD & SACKS, P.C.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210

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Jason M. Honeyman
Name of Person Signing

Signature

9/2/97
Date

Total number of pages including cover sheet, attachments, and document: [3]

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Washington, D.C. 20231

E0295/7027

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Steven M. Blumenau, 170 Holly Lane, Holliston, MA 01746 do hereby

Sell, assign and transfer to EMC Corporation, a Massachusetts corporation having a place of business at 171 South Street, Hopkinton, MA 01745, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent executed of even date herewith and entitled **METHOD AND APPARATUS FOR INCREASING PERFORMANCE OF A STORAGE SUBSYSTEM**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to

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others by us, and that full right to convey the same as herein expressed is possessed by us.

Dated: Aug 27, 1997 Steven M. Blumenau
STEVEN M. BLUMENAU

STATE OF MA :
COUNTY OF MIDDLESEX :

Subscribed and sworn to before me this 27 day of August 1997.

SEAL Julianne M. Redulla
Notary Public

My Commission Expires

My Commission Expires December 23, 1999