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FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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: June 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 ☒ No

jc551 U.S. PTO  
09/289290  
04/09/99

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 June 27, 1997

A. Patent Application No.(s)

B. Patent No.(s)

09/289290

Additional numbers attached? ☐ Yes ☒ 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

☒ Enclosed

☐ Authorized to be charged to deposit account

The Commissioner is authorized to charge:

8. Deposit Account No: 23/2825

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 F. Giunta

Name of Person Signing

*Richard F. Giunta*

Signature

40.00 00

9/99

Date

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

Assistant Commissioner for Patents,  
Washington, D.C. 20231

09/289290  
04/22/1999  
FC:581

PATENT

REEL: 9892 FRAME: 0670

**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 DISC DRIVE PERFORMANCE**, 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

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

Dated: June 27, 1997

Steve M. Blumenau

STEVE M. BLUMENAU

STEVEN

*Commonwealth*

STATE OF

Massachusetts

COUNTY OF

Widdowes

Subscribed and sworn to before me this

27<sup>th</sup>

day of

June, 1997

SEAL

Marsha R. Ballantyne

Notary Public

My Commission Expires

MARSHA R. BALLANTYNE

Notary Public

My Commission Expires October 2, 2003