

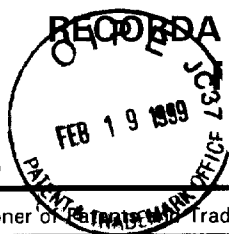
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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



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

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

MAE 2-19-99

1. Name of conveying party(ies):  
Matthew J. D'Errico  
  
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: 171 South Street  
  
Hopkinton, MA 01748  
  
Additional name(s) & addresses(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
  
Execution Date: February 11, 1999

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)  
09/223,092  
  
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 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

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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 \_\_\_\_\_ *Richard Giunta* \_\_\_\_\_  
Name of Person Signing Signature Date  
  
Total number of pages including cover sheet, attachments, and document: **[4]**

Mail documents to be recorded with required cover sheet information to:  
Box Assignment, Commissioner of Patents and Trademarks,  
Washington, D.C. 20231

02/24/1999 SLANE 00000088 9323092 40.00 OP 1/16/99

## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned Matthew J. D'Errico, 9 Banfill Lane, Southboro, MA 01772, Steven M. Blumenau, 170 Holly Lane, Holliston, MA 01746, and Erez Ofer, 1530 Beacon Street, Apt. 501, Brookline, MA 02146 hereby

Sell, assign and transfer to EMC Corporation, a Massachusetts corporation having a place of business at 171 South Street, Hopkinton MA 01748, 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 serial no. 09/223,092, filed December 30, 1998 and entitled **METHOD AND APPARATUS FOR MANAGING THE PLACEMENT OF DATA IN A STORAGE SYSTEM TO ACHIEVE INCREASED SYSTEM 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 me 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

Dated: \_\_\_\_\_

EREZ OFER

STATE OF \_\_\_\_\_ :

COUNTY OF \_\_\_\_\_ :

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_.

SEAL

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

Dated: 11 Feb 1999

*Matthew J. D'Errico*  
MATTHEW J. D'ERRICO

STATE OF Massachusetts :  
COUNTY OF Middlesex :

Subscribed and sworn to before me this 11<sup>th</sup> day of February.

SEAL *John J. ...*  
Notary Public

My Commission Expires: 9-2-2005

Dated: \_\_\_\_\_

\_\_\_\_\_  
STEVEN M. BLUMENAU

STATE OF \_\_\_\_\_ :  
COUNTY OF \_\_\_\_\_ :

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_.

SEAL \_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_