

04-05-1999



SHEET

Assistant Commissioner for Patents

101004167

cument.

1. Name of conveying party(ies):
Mark Zani, Scott Romano and
Alfred Dellicicchi

2. Name and address of receiving party(ies):
EMC Corporation
171 South Street
Hopkinton, MA 01748-9103

Additional name(s) attached? Yes No

Additional names/addresses attached?
 Yes No

3. Nature of conveyance:
 Assignment
 Merger
 Security Agreement
 Change of Name
 Other:

Execution Date: March 9, 1999

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

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

A. Patent Application No.(s):
09/224,194 filed 12/30/98

B. Patent No.(s):

Additional numbers attached? Yes No

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

Richard M. Sharkansky
Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): **\$40**
 Enclosed
 Authorized to charge deposit account

8. Deposit account number: **06-1050**
If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

Richard M. Sharkansky
Name of Person Signing

Signature

Date

3/25/99

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

Date of Deposit March 25, 1999
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Cheryl L. McGrath

3.29.99

ASSIGNMENT

Romano SSR

For valuable consideration, we, Mark Zani, of Derry, NH; Scott Romano of Newton, MA; and Alfred Dellicicchi of Acton, MA hereby assign to EMC Corporation, a Massachusetts corporation having a place of business at 171 South Street, Hopkinton, MA 01748-9103, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest, including, without limitation, the right to sue for past infringement, throughout the world in the inventions and improvements, which are subject of an application for United States Patent signed by us, entitled DATA STORAGE SYSTEM, filed December 30, 1998, and assigned U.S. Serial Number 09/224,194, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Hopkinton, this 9th day of March, 199
Mark Zani L.S.

STATE OF Massachusetts :
:ss.
COUNTY OF Middlesex :

Before me this 9th day of March, 199, personally appeared Mark Zani known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Mark Zani
Notary Public
My Commission Expires: 9-2-2005

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Hopkinton,

this 9th day of March, 1999

Scott Romano Romano SS02 L.S.

STATE OF Massachusetts:

COUNTY OF Middlesex: :ss.

Before me this 9th day of March, 1999, personally appeared

Scott Romano known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

William J. Dinnari
Notary Public

My Commission Expires: 9-2-2005

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Hopkinton,

this 9th day of March, 1999

Alfred Dellicicchi L.S.

STATE OF Massachusetts:

COUNTY OF Middlesex: :ss.

Before me this 9th day of March, 1999, personally appeared

Alfred Dellicicchi known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

William J. Dinnari
Notary Public

My Commission Expires: 9-2-2005

[Notary's Seal Here]