Substitute Form PTO-1595 Attorney Docket No.: 07072-117001 Client's Ref. No.: EMC-00-050

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|   | e record the attached original   | document(s) or copy(ies).   | S <sub>C</sub>                               |  |
|---|--|---|--|--|
| Name of conveying party(ies):   |  | 2. Name and address of receiving party(ies):  | 5 <u>7</u>                                   |  |
| Nicholas Paluzzi  |  | EMC CORPORATION   |  |  |
| Additional name(s) at   | ttached? □ Yes ເ No  | 171 South Street  | jes  |  |
| B. Nature of conveyance:  |  | Hopkinton, MA 01748-9103  |  |  |
| <ul><li>☑ Assignment</li><li>☑ Merger</li><li>☑ Security Agreement</li><li>☑ Change of Name</li><li>☑ Other:</li></ul>  |  |   |  |  |
| Execution Date: Septembe  | er 26, 2000  | Additional names/addresses attached? ☐ Yes  | s <b>⊠</b> No                                |  |
| . Application number(s) or patent   | t number(s):   |   |  |  |
| If this document is being filed   | with a new application, the ex   | xecution date of the application is: September 27, 2000   |  |  |
| A. Patent Application No(s).:   |  | B: Patent No(s).:   |  |  |
|   |  | 09670709  |  |  |
|   | Additional num   | nbers attached? ☐ Yes ☑ No  |  |  |
| . Name/address of party to whon document should be mailed:  |  |   |  |  |
| RICHARD M. SHARKAI  | NSKY   | 7. Total fee (37 CFR §3.41): \$40   |  |  |
| Fish & Richardson P.C.  |  | ☑ Enclosed  |  |  |
| 225 Franklin Street   | 4  | ☐ Authorized to charge Deposit Account.   | ☐ Authorized to charge Deposit Account.      |  |
| Boston, MA 02110-2804   | <del>†</del>   | 8. Deposit Account No.: 06-1050   |  |  |
|   |  | Please apply any additional charges, or any credits Deposit Account No. 06-1050.  | s, to our                                    |  |
|   | DO NO  | OT USE THIS SPACE   |  |  |
|   |  |   |  |  |
| P. Statement and Signature: To any attached copy is a true Richard M. Sharkansky Reg. No. 25,800 Name of Person Signing |  | 7/27/00   | correct and                                  |  |
| any attached copy is a true<br>Richard M. Sharkansky<br>Reg. No. 25,800   | copy of the original doc   | 2)/22/cc  |  |  |
| any attached copy is a true<br>Richard M. Sharkansky<br>Reg. No. 25,800   | copy of the original doc   |   |  |  |
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| Richard M. Sharkansky Reg. No. 25,800 Name of Person Signing  20128904.doc  | Signature  Signature  RTIFICATE OF MAILING Bereby certify under 37 CFR §1.10                         | Total number of pages including coversheet, attachments and EXPERSS MAIL  Express Mail Label No. EL2  Of that this correspondence is being deposited with the United States Places with sofficient postage on the date indicated below and is address | nd document: 3 45417361US ostal Service as   |  |
| Richard M. Sharkansky Reg. No. 25,800 Name of Person Signing  | Signature  RTIFICATE OF MAILING Bereby certify under 37 CFR §1.10 press Mail Post Office to Address. | Total number of pages including coversheet, attachments and EXPERSS MAIL  Express Mail Label No. EL2  Of that this correspondence is being deposited with the United States Places with sofficient postage on the date indicated below and is address | nd document: 3  45417361US  ostal Service as |  |

**PATENT** 

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## **ASSIGNMENT**

For valuable consideration, I, NICHOLAS PALUZZI of Hopkinton, MA, hereby assign to EMC CORPORATION, a MASSACHUSETTS corporation having a place of business at 171 South Street Hopkinton, MA 01748-9103 and assign (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK HAVING BUS ARBITER, filed \_, and assigned U.S. Serial Number , and I 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 I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my 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.

> PATENT REEL: 011168 FRAME: 0475

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**RECORDED: 09/27/2000** 

PATENT REEL: 011168 FRAME: 0476