

05-09-2001



Substitute Form PTO-1595  
Attorney Docket No.: 07072-136001  
Client's Ref. No.: EMC 00-193

RECO. 101709558  
**PATENTS ONLY**

4-30-01

|   |   |
|---|---|
| Commissioner for Patents: Please record the attached original document(s) or copy(ies).   |   |
| 1. Name of conveying party(ies):<br>Derek Keith Richardson and James P. Rowland<br>Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   | 2. Name and address of receiving party(ies):<br>EMC CORPORATION<br>171 South Street<br>Hopkinton, MA 01748-9103<br>APR 30 2001  |
| 3. Nature of conveyance:<br><input checked="" type="checkbox"/> Assignment<br><input type="checkbox"/> Merger<br><input type="checkbox"/> Security Agreement<br><input type="checkbox"/> Change of Name<br><input type="checkbox"/> Other:<br>Execution Date: "03/07/01"  | Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |
| 4. Application number(s) or patent number(s):<br>If this document is being filed with a new application, the execution date of the application is:<br>A. Patent Application No(s):<br>09/800,091<br>B. Patent No(s):<br>APR 30 2001<br>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |   |
| 5. Name/address of party to whom correspondence concerning document should be mailed:<br>FAUSTINO A. LICHAUCO<br>Fish & Richardson P.C.<br>225 Franklin Street<br>Boston, MA 02110-2804   | 6. Total number of applications/patents involved: 1<br>7. Total fee (37 CFR §3.41): \$40<br><input checked="" type="checkbox"/> Enclosed<br><input type="checkbox"/> Authorized to charge Deposit Account.<br>8. Deposit Account No.: 06-1050<br>Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050. |
| <b>DO NOT USE THIS SPACE</b>  |   |
| 9. Statement and Signature: <i>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.</i>   |   |
| Faustino A. Lichauco<br>Reg. No. 41,942<br>Name of Person Signing   | <br>Signature<br>APR 26, 2001<br>Date   |
| Total number of pages including coversheet, attachments and document: 4   |   |

20222478.doc

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

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 below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

April 26, 2001  
Date of Deposit

Signature

Denise E. Garrido  
Typed Name of Person Signing Certificate

**PATENT**  
**REEL: 011823 FRAME: 0293**

### ASSIGNMENT

For valuable consideration, we, Derek Keith Richardson of Shrewsbury, Massachusetts, and James P. Rowland of Holliston, Massachusetts, 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 us, entitled CONFIGURATION OF A DATA STORAGE SYSTEM, filed <sup>AGE</sup> 3/5/01, and assigned U.S. Serial Number 09/800,091, 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, 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, MA,  
this 7<sup>th</sup> day of MARCH, 2001  
[Signature] L.S.  
Derek Keith Richardson

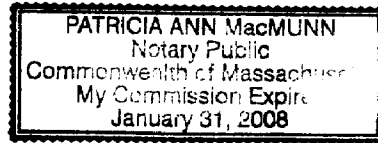
Commonwealth  
State of Massachusetts :  
: ss.  
County of Middlesex :

Before me this 7<sup>th</sup> day of MARCH, 2001, personally  
appeared Derek Keith Richardson known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
the purposes therein contained.

[Signature]  
Notary Public

My Commission Expires:

[Notary's Seal Here]



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

this 7<sup>th</sup> day of MARCH, 2001

James P. Rowland

L.S.

James P. Rowland

Commonwealth  
State of Massachusetts :

: ss.

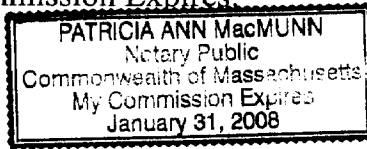
County of Middlesex :

Before me this 7<sup>th</sup> day of March, 2001, personally appeared James P. Rowland known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Patricia Ann MacMunn

Notary Public

My Commission Expires:



[Notary's Seal Here]