

07-19-2001

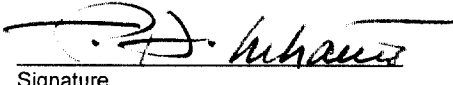
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| Commissioner for Patents: Please record the attached original document(s) or copy(ies). | |
| 1. Name of conveying parties: Robert S. Mason, Jr.; Yuval Ofek and Dan Arnon Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party: EMC CORPORATION 171 South Street Hopkinton, MA 01748-9103 JUL 12 2001 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: "12/15/1999; 12/15/1999 and 12/16/1999" | |
| 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.: 09/468,270 B. Patent No(s): 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: FAUSTINO A. LICHAUCO 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 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050. |
| DO NOT USE THIS SPACE | |
| 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 Reg. No. 41,942 Name of Person Signing  Signature 7/10/01 Date Total number of pages including coversheet, attachments and document: 3 | |

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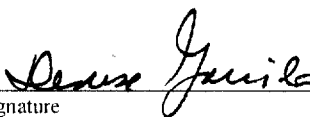
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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

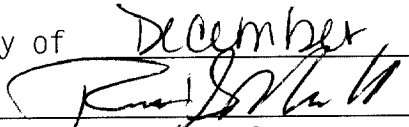
I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

July 10, 2001  DENISE GARRIDO
Date of Deposit Signature Typed Name of Person Signing Certificate

PATENT
REEL: 011980 FRAME: 0146

ASSIGNMENT

For valuable consideration, we, Robert S. Mason, Jr., of Mendon, MA; Yuval Ofek, of Framingham, MA; Dan Arnon, of Boston, MA; hereby assign to EMC Corporation, a Massachusetts corporation having a place of business at 171 South Street, Hopkinton, Massachusetts 01748-9103, and its successors and assigns (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 this day, entitled REMOTE DATA FACILITY PRETECH, filed _____, and assigned U.S. Serial Number _____, executed on even date herewith; 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 171 South St. Hopkinton, MA.
this 15th day of December, 1999.


Robert S. Mason, Jr. L.S.

COMMONWEALTH OF MASSACHUSETTS:

COUNTY OF Middlesex: ss.

Before me this 15th day of December, 1999, personally appeared Robert Mason, Jr. 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.


Nancy E. Buck
Notary Public

My Commission Expires: 9-4-2003

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at 171 South St Hopkinton, MA,
this 15th day of December, 1999

Yuval Ofek L.S.

COMMONWEALTH OF MASSACHUSETTS:

COUNTY OF Middlesex: : ss.

Before me this 15th day of December, 1999, personally
appeared Yuval Ofek 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.

Nancy E. Buck
Notary Public

My Commission Expires: 9/4/2003

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at 171 South St. Hopkinton, MA,
this 16th day of December, 1999

Dan Arnon L.S.
Dan Arnon

COMMONWEALTH OF MASSACHUSETTS:

COUNTY OF Middlesex: : ss.

Before me this 16th day of December, 1999, personally
appeared Dan Arnon 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.

Heather Lynn LaPointe
Notary Public

My Commission Expires:

[Notary's Seal Here]

4-21-2000

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