

05-15-2001



Substitute Form PTO-1595
 Attorney Docket No.: 07072-129001
 Client's Ref. No.: EMC 00-188

101716384
 RECOMMENDATION FORM COVER SHEET
 PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Dan Arnon Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): EMC CORPORATION 171 South Street Hopkinton, MA 01748-9103 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: 5-9-01 <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: 04/18/01	
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): 09/767,773 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: CATHY L. PETERSON 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> Cathy L. Peterson Reg. No. 41,249 Name of Person Signing Signature <u>Cathy L. Peterson</u> Date <u>May 7, 2001</u>	
Total number of pages including coversheet, attachments and document: 4	

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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.

May 7, 2001
 Date of Deposit

Marie A. Colokathis
 Signature

Marie A. Colokathis
 Typed Name of Person Signing Certificate

PATENT
 REEL: 011788 FRAME: 0508

ASSIGNMENT

For valuable consideration, we, David Meiri of Boston, Massachusetts, Dan Arnon of Boston, Massachusetts, Mark J. Halstead of Waltham, Massachusetts, and Peter Kamvysselis of Boston, Massachusetts, hereby assign to EMC Corporation, a Massachusetts corporation having a place of business at 171 South Street, Hopkinton, Massachusetts, 01748 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 application entitled REMOTE MIRRORING IN A SWITCHED ENVIRONMENT, filed 1/23/01, and assigned U.S. Serial Number 09/767,773; 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 _____,
this _____ day of _____, 2001.

David Meiri L.S.

State of _____ :
: ss.

County of _____ :

Before me this _____ day of _____, 2001, personally appeared David Meiri 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.

Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Hopkinton, MASSACHUSETTS,
this 18th day of April, 2001.
Dan Arnon L.S.
Dan Arnon

State of MASSACHUSETTS :
: SS.
County of Middlesex :

Before me this 18th day of April, 2001, 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.

Angela F. Muise
Notary Public **ANGELA F. MUISE**
My Commission Expires: **Notary Public**
My Commission Expires February 12, 2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2001.

Mark J. Halstead L.S.

State of _____ :
: SS.
County of _____ :

Before me this _____ day of _____, 2001, personally appeared Mark J. Halstead
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.

Notary Public
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2001.

Peter Kamvysselis L.S.

State of _____ :
: ss.

County of _____ :

Before me this _____ day of _____, 2001, personally appeared Peter Kamvysselis
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.

Notary Public

My Commission Expires:

[Notary's Seal Here]

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