Top. PTO-1595 REC (Rev. State M P P P P P P P P P		U.S. DEPARTMENT OF COM U.S. Patent and Tradem
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	400	1041247 V
To the Honorable Commissioner of Pat	−	2241347 Hease record the attached original documents or copy thereo
Name of conveying party(ies):		2. Name and address of receiving party(ies)
Natan Vishlitzky		Name: EMC Corporation
9-	30-02	Internal Address:
Additional name(s) of conveying party(ies) attach	ned? 🗆 Yes 🛣 No	
3. Nature of conveyance:		
Assignment □ N	/lerger	
☐ Security Agreement ☐ C	Change of Name	Street Address: 35 Parkwood Drive
☐ Other	•	
L Other		
		City: Hopkinton State: MA Zip: 01
Execution Date: September 1, 2002		Additional name(s) & address(es) attached?
4. Application number(s) or patent num	ber(s):	
If this document is being filed together	er with a new appl	ication, the execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
10/180,749		2. 1 dient (10.(0)
		1
	Additional numbers at	tached? Yes No
5. Name and address of party to whom concerning document should be maile	•	6. Total number of applications and patents involv
Name: Daly, Crowley & Moffo		7. Total fee (37 CFR 3.41)\$_40.00
Name. 23., Crowney & Mone		■ Enclosed
Internal Address:		
		☐ Authorized to be charged to deposit accou
		0. Danish
Street Address: 275 Turnpike Street	Suite 101	8. Deposit account number:
Street Address. 275 Tumpike Street.	, Juite 101	500845
City: Canton State: MA	Zip: 02021-2310	(Attach duplicate copy of this page if paying by deposit act
	DO NOT USE	THIS SPACE
9. Statement and signature.		
To the best of my knowledge and beling a true copy of the original documen		information is true and correct and any attached cop
	ıt.	September 23, 2
/ Richard M. Sharkansky 25 800		
Richard M. Sharkansky 25,800 Name of Person Signing		Signature Date

ASSIGNMENT

For valuable consideration, I, KENDELL A. CHILTON of Southborough, MA and NATAN VISHLITZKY of Brookline MA hereby assign to EMC CORPORATION, a MASSACHUSETTS corporation having a place of business at 35 Parkwood Drive, 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 CABINET, filed on June 26, 2002, and assigned U.S. Serial Number 10/180,749, identified as Attorney Case No. EMC2-118PUS, Client No. EMC-02-008 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 Attorney Case No. EMC2-118PUS EMC Case No. EMC-02-008

In V	VITNESS WHERE	OF, I hereto set my hand a	nd seal at	
this	day of	, 20_		
				L.S.
	KEN	DELL A. CHILTON		
State of		:		
		: ss.		
County of _		:		
Befo	ore me this	day of	, 20	, personally
appeared K	ENDELL A. CH	IILTON known to me to b	be the person whose name	e is subscribed to
the foregoin	ng Assignment a	nd acknowledged that he	executed the same as his	free act and deed
for the purp	oses therein con	tained.		
		Notary Pub	olic	
		My Comm	ission Expires:	
[Notary's S	eal Here]			

2

IN WITNESS WHEREOF, I hereto set my hand and seal at 171 South St. Hopkinton, Mi
this 17 day of September, 2002 L.S. NATAN WSHLITZKY
NATAN WSHLITZKY
State of Malachusill: : ss. County of MaleseX:
; ss.
County of Middlesex:
Before me this, day of <u>Suptember</u> , 20 <u>02</u> , personally
appeared NATAN VISHLITZKY 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: 9-4-3003
My Commission Euripase (1/ 000)2
wy Commission Expires. 9-9-5005

[Notary's Seal Here]

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P 3 0 2002 W	sign (+) inside this box \longrightarrow $+$.			DTO(50/24 (AP 00)
REDERANDI	_	_	U.S. Patent and Trespond to a collection of info	Approved rademark formation	PTO/SB/21 (08-00) for use through 10/31/2002. OMB 0651-0031 Office: U.S. DEPARTMENT OF COMMERCE unless it displays a valid OMB control number.
			Application Number		10/180,749
TRANSMITTAL		Filed On		June 26, 2002	
FORM		First Named Inven	tor	Kendell A. Chilton	
(to be used for all correspondence after initial filing)		Group Art Unit		2186	
			Examiner Name		Not Yet Assigned
Total Number of	Pages in This Submission	8	Attorney Docket Nu	ımber	EMC2-118PUS
		ENCL	OSURES (ch	eck al	l that apply)
Fee Transmittal Form Fee Attached Amendment / Reply After Final Affidavits/dec Extension of Time Re Express Abandonme Information Disclosu Certified Copy of Pri Document(s) Response to Missing Incomplete Applicati Response to under 37 CFF	claration(s) equest ent Request ire Statement ority Re g Parts/ on Missing Parts R 1.52 or 1.53	(for an Drawing Licensin Petition Petition Provisic Power Change Addres Termin Reque CD, Ne marks	ng-related Papers n to Convert to a conal Application of Attorney, Revocation of Correspondence s al Disclaimer st for Refund umber of CD(s) a petition for extensio ovided, such petition i	on of tim	Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below): ecordation Form Cover Sheet and etum-receipted postcard e is required by this paper and not by made and authorization is provided 0-0845 for the cost of such extension.
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT					
Firm or	Richard M. Sha		_	25,8	00
Individual name	Daly, Crowley & N	1offord	, LLP		
Signature					
Date September 23, 2002					
CERTIFICATE OF MAILING					
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: September 23, 2002					
Typed or printed name	, Tanya	Blour	nt		
Signature	Janua ?	20 MEL	11	Date	September 23, 2002

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PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

40

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known			
Application Number	10/180,749		
Filing Date	June 26, 2002		
First Named Inventor	Kendell A. Chilton		
Examiner Name	Not Yet Assigned		
Group Art Unit	2186		
Attorney Docket No.	EMC2-118PUS		

METHOD OF PAYMENT	FEE CALCULATION (continued)	FEE CALCULATION (continued)			
1. The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES				
indicated fees and credit any overpayments to: Deposit	Large Small				
Account Number 50-0845	Entity Entity Fee	Fee Paid			
Deposit	Code (\$) Code (\$)	7			
Account Name Daly, Crowley & Mofford, LLP	105 130 205 65 Surcharge - late filing fee or oath				
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet				
Applicant claims small entity status.	139 130 139 130 Non-English specification				
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination				
2. ✓ Payment Enclosed: ✓ Check Credit card Money Order Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action				
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month				
Large Entity Small Entity	116 400 216 200 Extension for reply within second month				
Fee Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	117 920 217 460 Extension for reply within third month				
101 740 201 370 Utility filing fee	118 1,440 218 720 Extension for reply within fourth month				
106 330 206 165 Design filing fee	128 1,960 228 980 Extension for reply within fifth month				
107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal				
108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal				
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing				
CUDTOTAL (4) (C) O	138 1,510 138 1,510 Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 0	140 110 240 55 Petition to revive - unavoidable				
2. EXTRA CLAIM FEES Fee from	141 1,280 241 640 Petition to revive - unintentional				
Extra Claims below Fee Paid					
Total Claims	143 460 243 230 Design issue fee				
Claims L	144 620 244 310 Plant issue fee				
Multiple Dependent	122 130 122 130 Petitions to the Commissioner				
Laure Enths Co. II Enths	123 50 123 50 Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt				
Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)	40			
103 18 203 9 Claims in excess of 20	146 740 246 370 Filing a submission after final rejection				
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid	(37 CFR § 1.129(a))				
109 84 209 42 ** Reissue independent claims over original patent	149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))				
110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)				
and over original patent	169 900 169 900 Request for expedited examination of a design application				
SUBTOTAL (2) (\$) 0	Other fee (specify)				
**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40					

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Richard M. Sharkansky	Registration No. 25,800 (Attorney/Agent)	Telephone	781.401.9988 ext. 23	
Signature			Date	9/23/02	

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PATENT REEL: 013342 FRAME: 0703

RECORDED: 09/30/2002