# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
MARK KAUFMAN	05/22/2002
PERCY TZELNIC	05/24/2002
URESH K. VAHALIA	05/24/2002
STEVEN M. BLUMENAU	05/23/2002
JOHN T. FITZGERALD	05/23/2002
EREZ OFER	05/24/2002
MARK C. LIPPITT	05/23/2002
NATAN VISHLITZKY	05/23/2002

### **RECEIVING PARTY DATA**

Name:	EMC CORPORATION
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10113307

## **CORRESPONDENCE DATA**

Fax Number: (781)515-5450

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 508-435-1000

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Correspondent Name: EMC CORPORATION OFFICE OF THE GENERAL CO

Address Line 1: 176 SOUTH STREET

Address Line 4: HOPKINTON, MASSACHUSETTS 01748

ATTORNEY DOCKET NUMBER: EMC-09-014CIP2 PATENT

501272060 REEL: 024885 FRAME: 0743

10113307

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NAME OF SUBMITTER:	Joseph D'Angelo			
Total Attachments: 14				
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<u> </u>				Application No.:	(	10/113,307	
TRANSMITTAL		Filing Date:		March 29, 2002			
FORM		First Named Inventor:		Kaufman et al			
			Group Art Unit		2153		
			Examiner:		Not yet assigned		
Total	Number of Pages in this Subr	nission	: 13	Docket No.		EMC-01-219CIP	
	K	NCL	OSURES	(check all that app	dy)		
$\boxtimes$	Authorization for the Commissioner to charge Deposit Account No. 05-0889		Response to Notice to File Missing Parts of Nonprovisional Application  Declaration/Power of			Petition for Revival of an Unintentionally Abandoned Application [37 CRF 1.137(b)] Continued Prosecution	
	Amendment/Response After Final Affidavits/Decl.		Missing	Notice to File		Application (CPA) Express Abandonment Request	
	Extension of Time Request for 3 Months			on of Power of		Terminal Disclaimer	
	Information Disclosure Statement		Issue Fee Payment on USPTO Form PTOL-85B, "Part B—Issue Fee Transmittal"			Certificate of First Class Mailing	
	Assignment Recordation Cover Sheet (In Duplicate)		Official Draftsperson Copy of PTO 948, "Notice of Draftsperson's Patent			Certificate of Express Mail Mailing	
	Certified Copy of Priority Document(s)		Review Status Inquiry			Postcard	
						Additional Enclosures:	
	SIGNATUI	RE OF	APPLIC	ANT, ATTORNEY	OR A	GENT	
	Ine 12,2002		R	but Ken	[]		
Date	1			rt Kevin Perkins, E	sq. (R	.eg. No. 36,634)	
				Corporation	,		
Tal	(508) 435-1000, ext. 76985			e of the General Co arkwood Drive	ounsei		
	(508) 293-7189			cinton, MA 01748-9	9103		
		E OF M		OR TRANSMISSI		7 CFR 1.8]	
I here	by certify that this correspond	ence ar	nd above-r	eferenced enclosures	are be	ing:	
Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Box Assignment, Washington, DC 20231.  Transmitted by facsimile on the date shown below to the Patent and Trademark Office at (703) 308-6916.							
Date	Date Signature Och Dalanz of G						
	Linda Valanzola						
	Typed or printed name of person signing certificate						

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Form PTO-1595 RECORDATION FORM	COVER SHEET U.S. DEPARTMENT OF COMMERCE
(Rev. 03/01)	U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 5/31/2002)	
Tab settings	V V V
To the Honorable Commissioner of Patents and Trademarks: F	
Name of conveying party(ies):	Name and address of receiving party(ies)
Mark Kaufman, Uresh K. Vahalia,	Name: <u>EMC Corporation</u>
Percy Tzelnic, Steven M. Blumenau, John T. Fitzgerald, Erez Ofer,	Internal Address:
James M. McGillis, Mark C. Lippitt,	
Natan Vishlitzky Additional name(s) of conveying party(ies) attached? 📮 Yes 🔃 No	
Nature of conveyance:	
prom	Street Address: 35 Parkwood Dr
🔁 Security Agreement 🖳 Change of Name	
<b>Q</b> Other	
	City: Hopkinton State: MA Zip: 01748
Execution Date: 5/22/02, 5/23/02, 5/24/02	Additional name(s) & address(es) attached? 📮 Yes 🔼 No
4. Application number(s) or patent number(s):	
• •	cation, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers att	│ tached? 🖵 Yes 🖾 No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed:	
Name: <u>EMC Corporation</u>	7. Total fee (37 CFR 3.41)\$\(\frac{40.00}{}\)
·	☐ Enclosed
Internal Address: <u>Office Of the General</u>	FIL Authorized to be observed to denotif consumt
_Counsel	Authorized to be charged to deposit account
_Attn: Robert Kevin Perkins	8. Deposit account number:
Street Address: 35 Parkwood Dr	
	05-0889
City: <u>Hopkinton</u> State: MA Zip: 01748	(Attach duplicate copy of this page if paying by deposit account)
	THIS SPACE
<ol><li>Statement and signature.</li><li>To the best of my knowledge and belief, the foregoing in</li></ol>	information is true and correct and anv attached copy
is a true copy of the original document.	1 1 21
Robert Kevin Perkins	Signature Date
Name of Person Signing	
Total number of pages including cove	er sheet, attachments, and documents:

### ASSIGNMENT

WHEREAS, we, Mark Kaufman, Uresh K. Vahalia, Percy Tzelnic, Steven M. Blumenau, John T. Fitzgerald, Erez Ofer, James M. McGillis, Mark C. Lippitt and Natan Vishlitzky, have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled METHOD AND SYSTEM FOR SECURING NETWORK ACCESS TO DYNAMICALLY UPDATEABLE DATA STORED IN A DATA STORAGE SYSTEM, the specification of which:

[]	is being executed on even date herewith and is about to be filed in the United States Patent Office;
[X]	was filed on March 29, 2002 as U.S. Application No. 10/113,307;
[]	was patented under U.S. Patent Noon

WHEREAS, EMC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 35 Parkwood Drive, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein:

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution,

reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Sot Torus 6416 W	1
Date: 5/22/02	That France
	Mark Kaufman
Print full name of first inventor:	Mark Kaufman
Residence:	94 Berkshire Road, Newton, MA 02460
Citizenship:	USA
Mailing Address:	94 Berkshire Road, Newton, MA 02460

STATE/COMMONWEALTH OF MUSSY COUNTY OF MICHES OF

Then personally appeared before me the above-named Mark Kaufman and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 2002.

Notary Public

Print Name:

Notary Public
Commonwealth of Massachusetts
My Commission Expires
res /August 23, 2007

LINDA M. VALANZOLA

My Commission expires /August 23, 2007

Date: 24 May 2002

Percy Tzelnic

Print full name of third inventor:

**Percy Tzelnic** 

Residence:

156 Upland Road, Concord, MA 01742

Citizenship:

**USA** 

Mailing Address:

156 Upland Road, Concord, MA 01742

STATE/COMMONWEALTH OF Massachuse Middles **COUNTY OF** 

Then personally appeared before me the above-named Percy Tzelnic and acknowledged that he executed the foregoing instrument as his free act and deed this \( \text{\text{\text{\text{day}}} day of } \)

Notary Public

LINDA M. VALANZOLA Notary Public
Commonwealth of Massachusetts
My Commission Expires
August 23, 2007

Print Name:

My Commission expres

**PATENT** 

-3-

Date: 5/24/02

Cresh Vahelia
Uresh K. Vahalia

Print full name of second inventor:

Uresh K. Vahalia

Residence: Citizenship: 53 Sheffield Road, Newton 02467

**USA** 

Mailing Address:

53 Sheffield Road, Newton 02467

STATE/COMMONWEALTH OF Massachusetts

COUNTY OF

Middlesex

Then personally appeared before me the above-named Uresh K. Vahalia and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_\_, 2002.

Notary Public

Print Name:

LINDA M. VALANZOLA
Notary Public
Commonwealth of Massachusetts
My Commission Expires
August 23, 2007 My Commission expires

**PATENT** 

-5-

Date: 5/23/02

Print full name of fourth inventor:

Steven M. Blumenau

Residence:

170 Holly Lane, Holliston, MA 01746

Citizenship:

**USA** 

Mailing Address:

170 Holly Lane, Holliston, MA 01746

Massackia ette

**COUNTY OF** 

foregoing instrument as his free act and deed this \_2 day of \_

Notary Public

Print Name:

My Commission exp

LINDA M. VALANZÖLA Notary Public <del>Commonwealth of Magsac</del>husetts My Commission Expires
August 23, 2007

-6-

Date: 5/23/02

Print full name of fifth inventor:

John T. Fitzgerald

Residence: Citizenship: 3 Mayflower Drive, Mansfield, MA 02048

Mailing Address:

3 Mayflower Drive, Mansfield, MA 02048

STATE/COMMONWEALTH OF Massachusett

Notary Public

Print Name:

My Commission expire:

LINDA M. VALANZOLA Notary Public Commonwealth of Massachusetts My Commission Expires Augu≰t 28 00 07

Print full name of sixth inventor:

Residence:

Citizenship:

Mailing Address:

-7-

Erez Ofer

Erez Ofer

71 LaGrange Street, Chestnut Hill, MA 02167

71 LaGrange Street, Chestnut Hill, MA 02167

STATE/COMMONWEALTH OF Massachusetts

**COUNTY OF** 

Then personally appeared before me the above-named Erez Ofer and acknowledged that he executed the foregoing instrument as his free act and deed this \_\text{24} day of \_\text{MU}\_, 2002.

Notary Public

Print Name:

LINDA M. VALANZOLA Notary Public
Commonwealth of Massachusetts My Commission exteres My Commission Expires August 23, 2007

-9-

Date:

5/23/02

Print full name of eighth inventor:

Mark C. Lippitt

Residence:

6 Edward Dunn Way, Westborough, MA 01581

Citizenship:

USA

Mailing Address:

6 Edward Dunn Way, Westborough, MA 01581

STATE/COMMONWEALTH OF

**COUNTY OF** 

Then personally appeared before me the above-named Mark C. Lippitt and acknowledged that he executed the

foregoing instrument as his free act and deed this 3 day of 1000, 2002

**Notary Public** 

Print Name:

My Commission exp

Commonwealth of Massachusetts

My Commission Expires

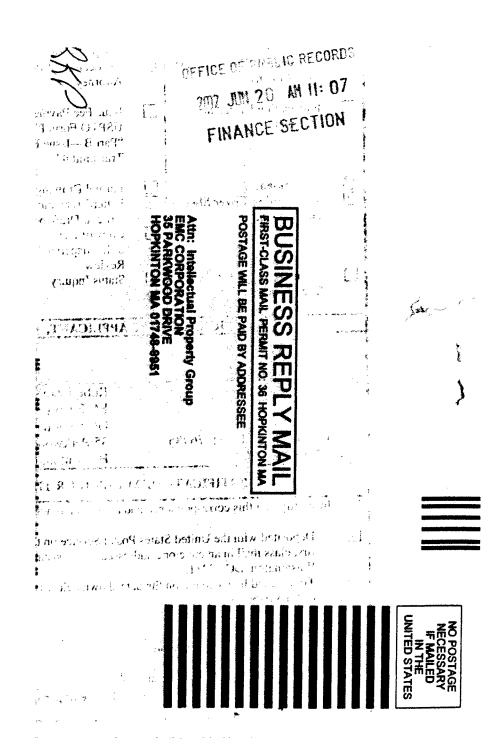
My Commission Expires

August 23, 2007

Date: $5   23   2002$	-10-
	Natan Vishlitzky
Print full name of ninth inventor:	Natan Vishlitzky
Residence:	87 Clinton Road, Brookline, MA 02445
Citizenship:	USA
Mailing Address:	87 Clinton Road, Brookline, MA 02445
	d lesex
Then personally appeared before me the above-named foregoing instrument as his free act and deed this _\omega	Natan Vishlitzky and acknowledged that he executed the 3 day of May, 2002.  May M. Valanzalg
	1 uda 11. Valanzary
	Notary Public LINDA M, VALANZOLA
	Print Name: Commenwealth of Massachusetts
	My Commission Expires  My Commission Expires  August 23 237

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Declaration/Power of Attorney (pages)  Executed Power of Attorney  Priority Document(s) & cover sheet  Assignment & cover sheet (in dup) ((a.t.b.) 12 ράβες  Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)  Request to Approve Drawing Change  withSheets of Red-Line Drawings	Amendment Extension of Time for month(s) Information Disclosure Statement Other	3. *Patent Application including: Pages Specification Pages Claims (Claims 1 through)	Provisional Application under 37 CFR 1.53(c) Utility Application under 37 CFR 1.53(b) RCE Application under 37 CFR 1.114 Continuation Application under 37 CFR 1.53(b) Divisional Application under 37 CFR 1.53(b) CIP Application under 37 CFR 1.53(b) Other	PCT Request PCT Demand Transmittal Form for Application* 2 (in duplicate if charging deposit amount)	1. PCT New Application Transmittal (in duplicate if charging deposit amount)	Filed: March 24, 201 Attorn Applicant: Harry Con et al. Docket No.: EMC-0-2190P Date Title: March 25 College Applicant & Trademark Office Mail Room on the date stamped hereon:
	22. Notice of Appeal or Appeal Brief 23. Response to Notice to File Missing Parts 24. Petition 25. Letter 26. Status Inquiry 27. Issue Fee Transmittal		16. Petition for Mo. Extension of Time (in duplicate if charging deposit amount) 17. Amendment (Response) 18. Preliminary Amendment (Response) 19. Response to Restriction Requirement or Requirement for Election of Species Information Disclosure Statement, with	Request for Confidence of Foundation of Foundation of Foundation (Completion of Foundation)	11. Sheets Formal Drawings w/Cover Sheet 12. Request for Refund	Filed: March 24, 202 Attorney: KFT  Docket No.: EMC-01-2190P  Date Mailed: (9/13/02  FXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX



Filed: March 39,300 A Attorney: RKP Docket No.: EMC-の-3/90P Date Mailed: (9/13/03 A Trademark Office Mail Room on the date stamped hereon:	11. Sheets Formal Drawings w/Cover Sheet 12. Request for Refund 13. Request for Corrected Filing Receipt 14. Completion of Filing Requirements or Response to Notice of Incomplete Application 15. X Transmittal for Annehment/Response) 16. (in duplicate if charging deposit amount) 17. Annehment (Response) 18. Preliminary Annehment (Response) 19. Response to Restriction Requirement or	22. 23. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25	(B)(i) 33.
Serial No.: 10/113, 307 Applicant: Kass from et al Docket No.: EMC-0-3/9012 Date Title: Consistent of the Section of the Section on the date stamped hereon:	1. PCT New Application Transmittal (in duplicate if charging deposit amount) PCT Request PCT Demand Transmittal Form for Application* (in duplicate if charging deposit amount) Provisional Application under 37 CFR 1.53(c) Utility Application under 37 CFR 1.53(b) RCE Application under 37 CFR 1.114 Continuation Application under 37 CFR 1.53(b) Divisional Application under 37 CFR 1.53(b) CIP Application under 37 CFR 1.53(b) Other	*Patent Application including: Pages Specification Pages Abstract Sheets of Drawings (Fig. 1 through Amendment Extension of Time for month(s) Information Disclosure Statement Other	<ul> <li>Declaration/Power of Attorney (pages)</li> <li>Executed Power of Attorney</li> <li>Priority Document(s) &amp; cover sheet</li> <li>Assignment &amp; cover sheet (n dμη) (αtc) 12 ρθη</li> <li>Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)</li> <li>Request to Approve Drawing Change with Sheets of Red-Line Drawings</li> </ul>

RECORDED: 08/25/2010