Form PTO-1595 RI U9 - U6	-2001
(Rev. 6/93)	U.S.DEPARTMENT OF COMMERC
To the Honorable Commissioner of Patents and Tradema. 10183 1. Name of conveying party(ies): John Kemeny	2. Name and address of receiving party(ies): Name: EMC Corporation/// Internal Address: AUG 3
Additional name(s) of conveying party(ies) attached? Yes No	- 7 13 30 2001
3. Nature of conveyance:	Street Address: 35 Parkwood Drive
Assignment	City: Hopkinton State: MA Zip 01748
Execution Date: August 7, 2001	Additional name(s) & addresses attached? Yes No
 Application number(s) or patent number(s): If this document is being filed together with a new application, the filing 	g date of the application is:
A. Patent Application No.(s) 09/924,923	B. Patent No.(s):
Additional numbers attached. Name and address of party to whom correspondence concerning document should be mailed: Name: Foley Hoag & Eliot, LLP Internal Address: Patent Group - Robert A. Greenberg	ed? Yes No 6. Total number of applications and patents involved (1)
	7. Total Fee (37 CFR 3.14)
Street Address: One Post Office Square	 ☑ Enclosed ☐ Authorized to be charged to deposit account
City: Boston State: MA ZIP 02109	8. Deposit account number: 06-1448, Ref. (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE TH	HIS SPACE
 Statement and signature. To the best of my knowledge and belief, the foregoing information is true document. 	e and correct and any attached copy is a true copy of the original
Robert A. Greenberg and Reg. No. 44,133	August 28, 2001
Name of Person Signing and Reg. No.	Signature Date
Total number of pages including cover sh	neet, attachments, and document: (3)
5/2001 LINELIER 00000165 09924923 Mail documents to be recorded with recommissioner of Patents & Tracks and the Commissioner of Patents and	ademarks, Box Assignments

20/470119.1

PATENT REEL: 012127 FRAME: 0453

PATENT/Joint Assignment Attorney Docket No.: EMC-01-114

ASSIGNMENT

WHEREAS, I, John Kemeny 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 *ADDRESS TRANSLATION*, the specification of which:

[X]	is being executed on even date herewith and is about to be filed in the United States Patent Office;	
[]	was filed on as U.S. Application No;	
[]	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

PATENT REEL: 012127 FRAME: 0454 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:

Date:	John Cemery John Kemeny
Print full name of first inventor:	John Kemeny
Residence:	36 Robinson Rd., Westford, MA 01886
Citizenship:	USA
Mailing Address:	36 Robinson Rd., Westford, MA 01886
STATE/COMMONWEALTH OF COUNTY OF	MAWORCESTER

Then personally appeared before me the above-named John Kemeny and acknowledged that AU6UST___, 2001.

Notary Public JUSTICE OF THE PEACE.

Print Name: NAWLY J. YEWBRIGH

My Commission expires 6 / 14/02

PATENT RECORDED: 08/30/2001 REEL: 012127 FRAME: 0455