Form PTO-1 595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/20 Tab settings ⇒ ⇒ ▼ 102238,346	SHEET U.S. DEPARTMENT OF COMMERC U.S. Patent and Trademark Offi
	s: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): 9-24-02 William Zahavi	Name and address of receiving party(ies) Name: EMC Corporation Internal Address: Office Of the General Counsel
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name	Street Address: 35 Parkwood Dr
Other9/24/02 Execution Date:	City: Hopkinton State: MA Zip: 01748 Additional name(s) & address(es) attached? Yes X
A. Patent Application No.(s)	attached? Yes No
 Name and address of party to whom correspondence concerning document should be mailed: Name: EMC Corporation 	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$
Robert Kevin Perkins Internal Address:	☐ Enclosed ✓ Authorized to be charged to deposit account
Street Address: 35 Parkwood Dr	8. Deposit account number: 05-0889
City: Hopkinton State: MA Zip: 01748	
	SE THIS SPACE
9. Signature. 802 6T0H11 00000144 050869 10254228 81 40.00 CH Robert Kevin Perkins Name of Person Signing	but har leh Septenber 25, 200

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

WHEREAS, I, William Zahavi 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, SYSTEM AND METHOD FOR DETERMINING WORKLOAD CHARACTERISTICS FOR ONE OR MORE APPLICATIONS OPERATING IN A DATA STORAGE ENVIRONMENT WITH ABILITY TO CONTROL GROUPING the specification of which:

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

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, I 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; I 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. I 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, I 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

PATENT REEL: 013335 FRAME: 0584 Attorney Docket No.: EMC-01-160CIP3

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, I 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, I have hereunto set our hands and affixed our seals as set forth below:

Date:	9	24	02
Date.	' /	,	

Print full name of sole or first inventor: William Zahavi

Residence: 30 Haskell Street, Westborough, MA 01581

Citizenship: USA

Mailing Address: 30 Haskell Street, Westborough, MA 01581

STATE/COMMONWEALTH OF MUSSELFS
COUNTY OF MIDDLESEX

Then personally appeared before me the above-named William Zahavi and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 24 day of 500 tember 2002.

Notary Public

Print Name: Linda N. Valanzola

My Commission expires ___ / ___ / ____

G/Kevin Perkins/Prosecution/EMC-01-160cip3Assignment.doc

RECORDED: 09/24/2002

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

PATENT REEL: 013335 FRAME: 0585