U.S. PTO 11/801484 05/10/2007

U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 07/05) 05-30-2007 OMB No. 0651-0027 (exp. 6/30/20 United States Patent and Trademark Office SHEET 103410591 To the Director of the U.S. F tached documents or the new address(es) below. 2. Name and address of receiving party(ies) Name of conveying party(ies) Steven M. Blumenau Name: EMC Corporation Internal Address: Additional name(s) of conveying party(ies) attached? Yes 🗹 No 3. Nature of conveyance/Execution Date(s): Street Address: 176 South Street Execution Date(s) August 30, 1999 Assignment Merger City: Hopkinton Security Agreement Change of Name Joint Research Agreement State: Massachusetts **Government Interest Assignment** Country: United States Zip: 01748 Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 05/14/200 TNGUYEN2 00000022 11801484 11/801484 06 FC:802 40.00 DP Additional numbers attached? Yes V No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: Barry W. Chapin, Esq. 7. Total fee (37 CFR 1.21(h) & 3.41) \$\_40.00 Internal Address: Chapin Intellectual Property Law, LLC Authorized to be charged by credit card Authorized to be charged to deposit account ✓ Enclosed Street Address: Westborough Office Park None required (government interest not affecting title) 1700 West Park Drive 8. Payment Information City: Westborough a. Credit Card Last 4 Numbers State: Massachusetts Zip: 01581 Expiration Date Phone Number: 508-616-9660 b. Deposit Account Number Fax Number: 508-616-9661 Authorized User Name Email Address: 9. Signature: May 10, 2007 Signature Date Total number of pages including cover Paul P. Kriz, Esq. sheet, attachments, and documents: Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 019368 FRAME: 0084

Docket No.	EMC99-02(98102)

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## **ASSIGNMENT**

WHEREAS, I, Steven M. Blumenau have invented a certain improvement in METHODS AND APPARATUS FOR INTERFACING TO A DATA STORAGE SYSTEM described in an application for Letters Patent of the United States, the specification of which:

[]	is being executed on even date herewith and is about the States Patent Office;	out to be filed in the Un	nte
(X)	was filed on June 29, 1999 as Application No.	09/342,474	_;
[]	was patented under U.S. Patent No.	on	<u>_</u> .

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 171 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with me;

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 me had this assignment and sale not been made; I hereby convey 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 myself and my 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

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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 my hand and affixed my seal the date set forth below.

Inventor: Steven M. Blumenau

State/Commonwealth
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RECORDED: 05/10/2007

of Massachusetts

County of Mullell

(SEAL)

Notary Public

\_(print name)

My Commission expires ()4/22/20

**REEL: 019368 FRAME: 0086**