Attorney Docket No.: EMC03-28(03140) 01-08-2004 EMC03-28-/ ssignment Recordation Cover Sheet.wpd **₹ SHEET** RE 102641197 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) Name of conveying party(ies) John V. Burroughs David F. Ouellette **EMC Corporation** Robert W. Beauchamp Name: Internal Address: Additional name(s) of conveying party(ies) attached? [] Yes [X] No Street Address: 176 South Street Nature of conveyance: [X] Assignment [] Merger City: Hopkinton State: MA ZIP: 01748 [] Security Agreement [] Change of Name Other [] Execution Date: December 17, 2003 Additional name(s) & address(es) attached? [] Yes Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? [] Yes [x] No number of applications and patents involved: [1] Fee (37 C.F.R. 3.41)..... \$ 40.00 Enclosed with application filing fee

Name and address of party to whom correspondence concerning document should be mailed:			6.	Total
Name: David E	. Huang, Esq.		7.	Total
Internal Address:				[X]
CHAPIN	I & HUANG, L.L.C.			[X
				[]
Street Address:	Westborough Office Park		8.	Depo
	1700 West Park Drive			

ZIP:

01581

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Statement and signature.

City: Westborough

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original

David E. Huang, Esq.

Name of Person Signing

December 24, 2003

Date

[5] Total number of pages including cover sheet, attachments, and document:

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State: MA

FC: 6021

PATENT REEL: 014850 FRAME: 0557 Attorney Docket No.: EMC03-28(03140)

Joint

ASSIGNMENT

WHEREAS, we, John V. Burroughs, David F. Ouellette and Robert W. Beauchamp, have invented a certain improvement in TECHNIQUES FOR TRANSITIONING CONTROL OF A SERIAL ATA DEVICE AMONG MULTIPLE HOSTS described in an application for Letters Patent of the United States, 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	No

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 176 South Street, 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 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

PATENT REEL: 014850 FRAME: 0558 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 the date set forth below.

John V. Burroughs

State/Commonwealth
of Massachusatts
County of Jasces tex

Then personally appeared before me the above-named John V. Burroughs and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this <u>17th</u> day of <u>Mecamber</u>, 2003.

(SEAL)

My Commission Expires ___ / __ / / __ / / __ / / __ / / __ / __ / __ / _ /

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Inventor: David F. Ouellette

State/Commonwealth of <u>Massachusetts</u> County of <u>Francet</u>

Then personally appeared before me the above-named David F. Ouellette and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this <u>i1+h</u> day of <u>Memlan</u>, 2003.

(SEAL)

My Commission Spires ___ / ___ / ____/

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RECORDED: 12/24/2003

> PATENT REEL: 014850 FRAME: 0561