Form **PTO-1595**



U.S. DEPARTMENT OF COMMERCE

(RCV. 03/01)	U.S. Patent and Trademark Office	
Tab settings ⇔⇔ ♥	02054481	
	ks: Please record the attached original documents or copy thereof.	
Name of conveying party(ies):	Name and address of receiving party(ies) Name: EMC Corporation	
Douglas Sullivan	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes V	o	
3. Nature of conveyance:	0,	
Assignment Merger	Street Address: 35 Parkwood Drive	
Security Agreement Change of Name	Street Address: 55 Familios 5110 19	
Other		
	City: Hopkinton State: MA Zip: 01748	
03-29-2002 Execution Date:	- Additional name(s) % address(es) attached?	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new ar	pplication, the execution date of the application is: $03-29-2002$	
A. Patent Application No.(s)		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
Additional numbers	s attached? Yes V Nc 10 (13249	
5. Name and address of party to whom correspondence		
concerning document should be mailed: Name: Mary Steubing	7. Total fee (37 CFR 3.41)\$_\$	
	Enclosed	
Internal Address:	-	
	Authorized to be charged to deposit account	
	8. Deposit account number:	
Street Address: 41 Jewett Street		
	05-0889	
City: Pepperell State: MA Zip: 01463	-	
DO NOT U	SE THIS SPACE	
9. Signature.		
Mary Steubing	Ma) 1 11-2002	
Name of Person Signing	/Signature / Date	
Total number of pages including o	over sheet, attachments, and documents:	

04/11/2002 GTON11

01 FC:581

00000190 050889

40.00 CH

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

10113249 Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

PATENT

REEL: 012772 FRAME: 0151

PATENT/Sole Assignment Attorney Docket No.: EMC-01-211 Express Mail Mailing Label No. EU203951840US

ASSIGNMENT

WHEREAS, I, Douglas Sullivan, 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 PROVISION OF A VICTIM CACHE WITHIN A STORAGE CACHE HIERARCHY, 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. I	Patent No
/*	STREAM TRACE Commonsting (Tamein Gas # A CCICNITION - companion agranged 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 me 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 me 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 charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue,

> PATENT REEL: 012772 FRAME: 0152

PATENT/Sole Assignment Attorney Docket No.: EMC-01-211

-2-

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 as set forth below:

Date:

Douglas Sullivan

Residence:

34 Salvia Road, Milford, MA 01757

Citizenship:

USA

Mailing Address:

34 Salvia Road, Milford, MA 01757

STATE/COMMONWEALTH OF

Print full name of sole inventor:

COUNTY OF

Massachuset

Then personally appeared before me the above-named Douglas Sullivan and acknowledged that he executed the foregoing instrument as his free act and deed this 29 day of march, 2002.

Print Name: Juicei Dancause

My Commission expires 10/6/06

G/ChrisG/Prosecution/EMC-01-211 Assignment.doc

RECORDED: 04/01/2002

TERRI JEAN DANCAUSE Notary Public My Commission Expires October 6, 2006

PATENT REEL: 012772 FRAME: 0153