5083030005

Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RECORDATION FO	RM COVER SHEET
	se record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Mugdha Kulkarni	Name: EMC Corporation
Ron Stern	Internal Address:
Additional name(s) of conveying party(les) attached? Yes / No	
3. Nature of conveyance/Execution Date(s):	Street Address: 176 South Street
Execution Date(s) 6/29/06	
✓ Assignment	City: Hopkinton
Joint Research Agreement	State: MA
Government Interest Assignment	Country: USA Zip:01748
Executive Order 9424, Confirmatory License	2.p. <u>2.p.</u>
Other	Additional name(s) & address(es) attached? — Yes 🗹 No
Additional numbers at	tached?
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Guerin & Rodriguez, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address:	Authorized to be charged by credit card
	✓ Authorized to be charged to deposit account
Street Address: 5 Mount Royal Avenue	Enclosed
Mount Royal Office Park	None required (government interest not affecting title)
City: Marlborough	8. Payment Information
State: MA Zíp:01752	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: <u>508-303-2003</u>	
Fax Number: 508-303-0005	b. Deposit Account Number 05-0889
Email Address:	Authorized User Name Michael Rodn guez
9. Signature: Michael Podrique	7-6-06
Signature	Date
Michael A. Rodríguez Name of Person Signing	Total number of pages including cover sheet, attachments, and documents;

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mall Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 07/06/2006 14:05 5083030005 GUERIN RODRIGUEZ LLP PAGE 03

PATENT/Joint Assignment Attorney Docket No.: EMC-056 EMC Docket No.: EMC-06-081

ASSIGNMENT

WHEREAS, we, <u>Mugdha Kulkarni</u>, and <u>Ron Stern</u>, 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

SCALABLE STORAGE NETWORK VIRTUALIZATION,

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 onas U.S. Application No;	
[]	was patented under U.S. Patent Noon	
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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 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

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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 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:

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PATENT/Joint Assignment Attorney Docket No.: EMC-056 EMC Docket No.: EMC-06-081

Date: 6/29/2006	Inventor's Signature	
Print full name of first inventor:	Mugdha Kulkarni	
Residence:	322 Oak Hill Lane, Nashua, NH 03062, USA	
Citizenship:	India	
Mailing Address:	322 Oak Hill Lanc, Nashua, NH 03062, USA	
On this 29 day of June, 2006, then personally appeared before me the above-named, Mugdha Kulkarni, known to me through satisfactory evidence of identification [_] employee identification card; [v] driver's license; [_] (other) to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.		
	Muh m. Valenzola	
	Notary Public Print Name: Linda M. Valanzola My Commission expires 8 / 23/ 67	
	Commonwealth of Massachusette My Commission Expires August 23, 2007	

RECORDED: 07/06/2006

PATENT/Joint Assignment Attorney Docket No.: EMC-056 EMC Docket No.: EMC-06-081

Date: 6/29/2006	Bon Elenfe a	
Print full name of second inventor: Residence:	Ron Stern 197 Wilshire Drive, Sharon, MA 02067, USA	
Citizenship: Mailing Address:	Isrcal	
5	197 Wilshire Drive, Sharon, MA 02067, USA	
STATE/COMMONWEALTH OF MASSACHUSETTS COUNTY OF Worcester Middle 5 ex		
On this		
	Notary Public Print Name: Linda M. Valanzola My Commission expires 8 / 23/07	
	LINDA M. VALANZOLA Notary Public Commonwealth of Massachusetts My Commission Expires August 23, 2007	

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