

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Bradford B Glade</td> <td>05/01/2007</td> </tr> <tr> <td>David W Harvey</td> <td>05/01/2007</td> </tr> <tr> <td>John Kemeny</td> <td>05/01/2007</td> </tr> <tr> <td>Matthew D Waxman</td> <td>05/01/2007</td> </tr> </tbody> </table>		Name	Execution Date	Bradford B Glade	05/01/2007	David W Harvey	05/01/2007	John Kemeny	05/01/2007	Matthew D Waxman	05/01/2007
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Bradford B Glade	05/01/2007										
David W Harvey	05/01/2007										
John Kemeny	05/01/2007										
Matthew D Waxman	05/01/2007										
RECEIVING PARTY DATA											
Name:	EMC Corporation										
Street Address:	176 South Street										
Internal Address:	Joseph D'Angelo										
City:	Hopkinton										
State/Country:	MASSACHUSETTS										
Postal Code:	01748										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13443002</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13443002						
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Application Number:	13443002										
CORRESPONDENCE DATA											
Fax Number:	(508)293-7189										
Phone:	508-435-1000										
Email:	Docketing@emc.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	EMC CORPORATION OFFICE OF THE GENERAL CO										
Address Line 1:	176 SOUTH STREET										
Address Line 2:	Joseph D'Angelo										
Address Line 4:	HOPKINTON, MASSACHUSETTS 01748										
ATTORNEY DOCKET NUMBER:	EMC-02-119(CIP1)CIP5)CON1										
NAME OF SUBMITTER:	Joseph D'Angelo/										

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Total Attachments: 5

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ASSIGNMENT

WHEREAS, we, Bradford B. Glade, David W. Harvey, John Kemeny and Matthew D. Waxman 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 MANAGING PROVISIONING OF STORAGE RESOURCES IN A NETWORK WITH VIRTUALIZATION OF RESOURCES IN SUCH A NETWORK, the specification of which:

- is being executed on even date herewith and is about to be filed in the United States Patent Office;
- was filed on March 30, 2007 as U.S. Application No. 11/731,469;
- 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 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 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:

Date: 5/1/2007


Inventor's Signature

Print full name of first inventor:

Bradford B. Glade

Residence:

109 East Bare Hill Road, Harvard, MA 01451

Citizenship:

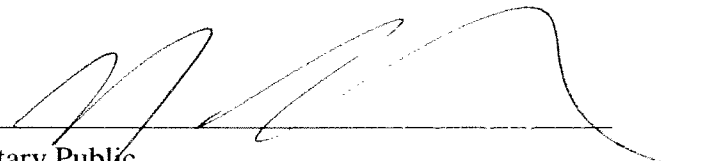
USA

Mailing Address:

Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 1st day of May, 2007, then personally appeared before me the above-named Bradford B. Glade known to me through satisfactory evidence of identification [] employee identification card; [] 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.


Notary Public
Print Name: Joseph J. D'Agelo
My Commission expires July 15, 2008

Date: 5/1/2007

David W. Harvey
Inventor's Signature

Print full name of second inventor: **David W. Harvey**
Residence: 36 Pine Crest Road, Newton, MA 02459
Citizenship: USA
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 1st day of May, 2007, then personally appeared before me the above-named David W. Harvey known to me through satisfactory evidence of identification [] employee identification card; [] 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.

Joseph J. D'Amico
Notary Public

Print Name: Joseph J. D'Amico
My Commission expires July 5, 2013

Date: 5/11/07

John Kemeny
Inventor's Signature

Print full name of third inventor: **John Kemeny**
Residence: 36 Robinson Road, Westford, MA 01886
Citizenship: USA
Mailing Address: Same as above

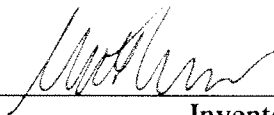
STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 18 day of May, 2007, then personally appeared before me the above-named John Kemeny known to me through satisfactory evidence of identification [] employee identification card; [] 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.

[Signature]
Notary Public

Print Name: Joseph P. [Signature]
My Commission expires 5/5/2013


Date: 5/1/07


Inventor's Signature

Print full name of fourth inventor: **Matthew D. Waxman**
Residence: 218 South Street, Unit 10, Waltham, MA 02453
Citizenship: Canada
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 1st day of May, 2007, then personally appeared before me the above-named Matthew D. Waxman known to me through satisfactory evidence of identification [] employee identification card; [] 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.


Notary Public

Print Name: Joseph J. D'Angelo
My Commission expires July 5, 2013