

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ashish Arun Palekar</td> <td>01/21/2008</td> </tr> <tr> <td>Sudhindra Swayampakulaa</td> <td>01/21/2008</td> </tr> <tr> <td>Anshul Chadda</td> <td>01/21/2008</td> </tr> <tr> <td>Matthew D. Waxman</td> <td>01/21/2008</td> </tr> </tbody> </table>		Name	Execution Date	Ashish Arun Palekar	01/21/2008	Sudhindra Swayampakulaa	01/21/2008	Anshul Chadda	01/21/2008	Matthew D. Waxman	01/21/2008
Name	Execution Date										
Ashish Arun Palekar	01/21/2008										
Sudhindra Swayampakulaa	01/21/2008										
Anshul Chadda	01/21/2008										
Matthew D. Waxman	01/21/2008										
RECEIVING PARTY DATA											
Name:	EMC Corporation										
Street Address:	176 South Street										
City:	Hopkinton										
State/Country:	MASSACHUSETTS										
Postal Code:	01748										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11967471</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11967471						
Property Type	Number										
Application Number:	11967471										
CORRESPONDENCE DATA											
Fax Number:	(781)401-9966										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	7814019988										
Email:	dms@dc-m.com										
Correspondent Name:	Daly, Crowley, Mofford & Durkee, LLP										
Address Line 1:	354A Turnpike Street, Suite 301A										
Address Line 4:	Canton, MASSACHUSETTS 02021-2714										
ATTORNEY DOCKET NUMBER:	EMC-076PUS										
NAME OF SUBMITTER:	Paul D. Durkee										
<p>Total Attachments: 5 source=TO_PTO_ASSIGNMENT#page1.tif</p>											

CH \$40.00 11967471

source=TO_PTO_ASSIGNMENT#page2.tif
source=TO_PTO_ASSIGNMENT#page3.tif
source=TO_PTO_ASSIGNMENT#page4.tif
source=TO_PTO_ASSIGNMENT#page5.tif

ASSIGNMENT

WHEREAS, we, Ashish Arun Palekar, Sudhindra Swayampakulaa, Anshul Chadda 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 METHODS AND APPARATUS FOR STORAGE VIRTUALIZATION SYSTEM HAVING SWITCH LEVEL EVENT PROCESSING, 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 December 31, 2007 as U.S. Application No. 11/967,471;
- 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, 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 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. 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 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, 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, we have hereunto set our hands and affixed our seals as set forth below:

Date: January 21st 2008



Inventor's Signature


Print full name of first inventor:

Ashish Arun Palekar

Residence:

Franklin, MA

Citizenship:

~~United States of America~~ India 

Mailing Address:

20 Benjamin's Landing Lane

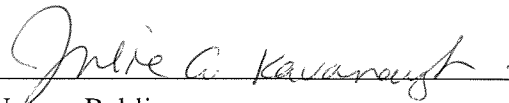
STATE/Commonwealth OF

Ma

COUNTY OF

Middlesex

On this 21st day of January, 2008, then personally appeared before me the above-named Ashish Arun Palekar known to me through satisfactory evidence of identification [] employee identification card; [] driver's license; [] (other) Ashish Arun Palekar 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: Julie A. Kavanaugh

My Commission expires 2/6/09

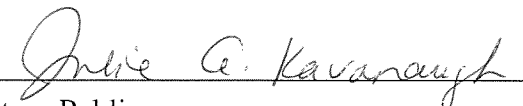
Date: 01/21/2008


Inventor's Signature

Print full name of first inventor: **Sudhindra Swayampakulaa**
Residence: Milford, MA
Citizenship: ~~United States of America~~ INDIA Sudhindra
Mailing Address: 13 Colonial Rd, #12

STATE/Commonwealth of Ma
COUNTY OF Middlesex

On this 21st day of January, 2008, then personally appeared before me the above-named Sudhindra Swayampakulaa known to me through satisfactory evidence of identification [] employee identification card; [] driver's license; [] (other) Sudhindra Swayampakulaa 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: Julie A. Kavanaugh
My Commission expires 2/16/09

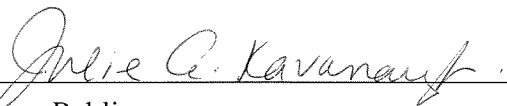
Date: 1/21/2008


Inventor's Signature

Print full name of first inventor: **Anshul Chadda**
Residence: Framingham, MA
Citizenship: ~~United States of America~~ **INDIA** AC
Mailing Address: 108 Wilson Drive

STATE/Commonwealth OF MA
COUNTY OF Middlesex

On this 21st day of January, 2008, then personally appeared before me the above-named Anshul Chadda known to me through satisfactory evidence of identification [] employee identification card; [] driver's license; [] (other) Anshul Chadda 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: Julie A. Kavanaugh
My Commission expires 2/6/09

Date: 1/21/08


Inventor's Signature

Print full name of first inventor:

Matthew D. Waxman

Residence:

Waltham, MA

Citizenship:

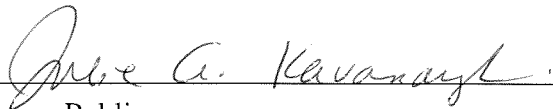
~~United States of America~~ CANADA *MW*

Mailing Address:

218 South Street, Unit 10

STATE/Commonwealth OF Ma
COUNTY OF Middlesex

On this 21st day of January, 2008, 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) Matthew D. Waxman 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: Julie A. Kavanagh

My Commission expires 2/6/09