

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YIDONG WANG	07/13/2009
NEIL F. SCHUTZMAN	07/14/2009
RUSSELL R. LAPORTE	07/13/2009
GREGORY W. LAZAR	07/13/2009
DEENE A. DAFOE	07/13/2009
FENG ZHOU	07/13/2009
RECEIVING PARTY DATA	
Name:	EMC CORPORATION
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12495473
CORRESPONDENCE DATA	
Fax Number:	(781)515-5450
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	508-435-1000
Email:	docketing@emc.com
Correspondent Name:	EMC CORPORATION OFFICE OF THE GENERAL CO
Address Line 1:	176 SOUTH STREET
Address Line 4:	HOPKINTON, MASSACHUSETTS 01748
ATTORNEY DOCKET NUMBER:	EMC-08-435
NAME OF SUBMITTER:	Jason A. Reyes

CH \$40.00 12495473

Total Attachments: 8

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ASSIGNMENT

WHEREAS, we, **Yidong Wang, Neil F. Schutzman, Russell R. Laporte, Gregory W. Lazar, Deene A. Dafoe, and Feng Zhou** 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 **MAPPING DATA STORAGE AND VIRTUAL MACHINES** (Application), 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 June 30, 2009 as U.S. Application No. 12/495,473;
- 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;

AND, we hereby authorize our attorneys, EMC Corporation, to insert here in parenthesis (_____) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date: 7/13/2009


Inventor's Signature

Print full name of first inventor:

Yidong Wang

Residence:

33 Howarth Drive, Upton, MA 01568

Citizenship:

China – People's Republic

Mailing Address:

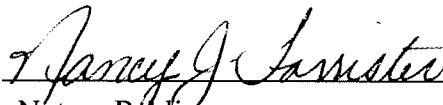
33 Howarth Drive, Upton, MA 01568

STATE/Commonwealth of
COUNTY OF

Massachusetts
Worcester

On this 13th day of July, 2009, then personally appeared before me the above-named **Yidong Wang** 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: Nancy J. Forrester

My Commission expires 01/30/2015

Date:

7/14/09



Inventor's Signature

Print full name of second inventor:

Neil F. Schutzman

Residence:

155 Bracken Drive, Marlborough, MA 01752

Citizenship:

USA

Mailing Address:

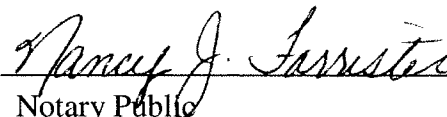
155 Bracken Drive, Marlborough, MA 01752

STATE/Commonwealth of
COUNTY OF

Massachusetts
Sherborn

On this 14th day of July, 2009, then personally appeared before me the above-named **Neil F. Schutzman** 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: Nancy J. Forrester

My Commission expires 01/30/2015

Date: 7/13/2009

Russell R. Laporte
Inventor's Signature

Print full name of third inventor: **Russell R. Laporte**
Residence: 4 Blueberry Lane, Webster, MA 01570
Citizenship: USA
Mailing Address: 4 Blueberry Lane, Webster, MA 01570

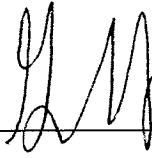
STATE/Commonwealth of Massachusetts
COUNTY OF Worcester

On this 13th day of July, 2009, then personally appeared before me the above-named **Russell R. Laporte** 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.

Nancy J. Forrester
Notary Public

Print Name: Nancy J. Forrester
My Commission expires 01/30/2015

Date: 7/13/2009

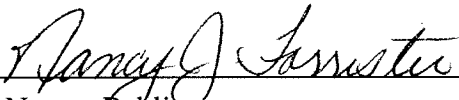

Inventor's Signature

Print full name of fourth inventor:
Residence:
Citizenship:
Mailing Address:

Gregory W. Lazar
10 Rockdale Hill Circle, Upton, MA 01568
USA
10 Rockdale Hill Circle, Upton, MA 01568

STATE/Commonwealth of Massachusetts
COUNTY OF Storchester

On this 13th day of July, 2009, then personally appeared before me the above-named **Gregory W. Lazar** 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: Nancy J. Forrester

My Commission expires 01/30/2015

Date:

7/13/2009

Deene A. Dafoe
Inventor's Signature

Print full name of fourth inventor:

Deene A. Dafoe

Residence:

2 Vega Drive, Shrewsbury, MA 01545

Citizenship:

~~USA~~ Canada

Mailing Address:

2 Vega Drive, Shrewsbury, MA 01545

STATE/Commonwealth OF

Massachusetts

COUNTY OF

Worcester

On this 13th day of July, 2009, then personally appeared before me the above-named **Deene A. Dafoe** 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.

Nancy J. Forrester
Notary Public

Print Name: Nancy J. Forrester

My Commission expires 01/30/2015

Date: 7/13/09

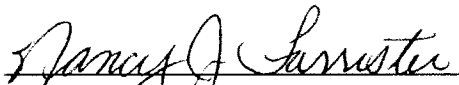


Inventor's Signature

Print full name of fourth inventor: **Feng Zhou**
Residence: 1640 Worcester Road, #518D, Framingham, MA
01702
Citizenship: China
Mailing Address: 1640 Worcester Road, #518D, Framingham, MA
01702

STATE/Commonwealth of Massachusetts
COUNTY OF Worcester

On this 13th day of July, 2009, then personally appeared before me the above-named **Feng Zhou** 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: Nancy J. Forister
My Commission expires 01/30/2015