

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Munish DESAI	09/22/2009
Tara HALWES	09/21/2009
Bruce RABE	09/22/2009
Neil SCHUTZMAN	09/22/2009
Scott VON RHEE	09/22/2009
Nancy WELCH	09/22/2009
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:	12567031
CORRESPONDENCE DATA	
Fax Number:	(508)366-4688
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	5086162900
Email:	docket@bainwoodhuang.com
Correspondent Name:	Jeffrey J. Duquette, Esq.
Address Line 1:	Bainwood, Huang & Associates, LLC
Address Line 2:	2 Connector Road
Address Line 4:	Westborough, MASSACHUSETTS 01581
ATTORNEY DOCKET NUMBER:	1003-098

CH \$40.00 12567031

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**PATENT
 REEL: 023469 FRAME: 0300**

NAME OF SUBMITTER:

Jeffrey J. Duquette, Esq.

Total Attachments: 8

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ASSIGNMENT

WHEREAS, we, Munish Desai, Tara Halwes, Bruce Rabe, Neil Schutzman, Scott Von Rhee, and Nancy Welch 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 **ENVIRONMENT MANAGEMENT INTERFACE FOR MANAGEMENT OF A HETEROGENEOUS STORAGE ENVIRONMENT** 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 _____ as U.S. Application No. _____;
- 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 Bainwood Huang & Associates LLC to insert here in parentheses (12/567,031 September 25, 2009) 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: 22-SEP-09

Munish Desai
Inventor's Signature

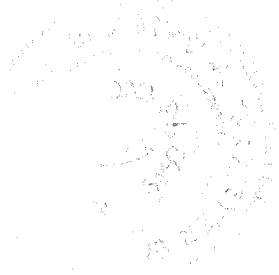
Print full name of first inventor: Munish Desai
Residence: 21 Hawthorne Road, Shrewsbury, MA 01545
Citizenship: US
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Worcester

On this 22nd day of September, 2009, then personally appeared before me the above-named **Munish Desai** 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. Forrister
Notary Public

Print Name: Nancy J. Forrister
My Commission expires 11/30/2015



Date: 21 Sep 2009

Tara Halwes
Inventor's Signature

Print full name of second inventor: Tara Halwes
Residence: 61 Brookline Avenue, #216, Boston, MA
02215
Citizenship: US
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Starcute

On this 21st day of September, 2009, then personally appeared before me the above-named **Tara Halwes** 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: 9/22/09

[Signature]
Inventor's Signature

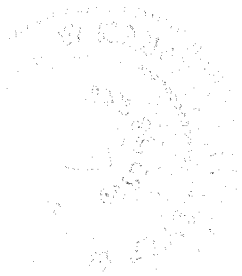
Print full name of second inventor: Bruce Rabe
Residence: 91 Maple Place, Dedham, MA 02026
Citizenship: US
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Worcester

On this 22nd day of September, 2009, then personally appeared before me the above-named **Bruce Rabe** 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: Nancy J. Ferrister
My Commission expires 01/30/2015



Date: 9/22/09

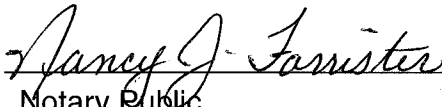


Inventor's Signature

Print full name of second inventor: Neil Schutzman
Residence: 155 Bracken Drive, Marlborough, MA 01752
Citizenship: US
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Sturcester

On this 22nd day of September, 2009, then personally appeared before me the above-named **Neil 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.



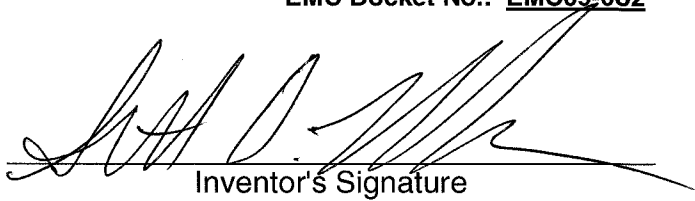
Notary Public

Print Name:
Nancy J. Forrister

My Commission expires 01/30/2015



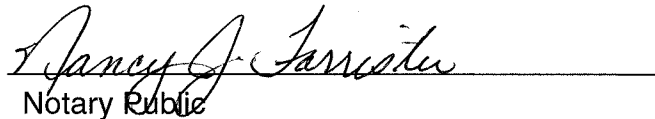
Date: 9-22-2009


Inventor's Signature

Print full name of second inventor: Scott Von Rhee
Residence: 203 Lamartine Street, Boston, MA 02130
Citizenship: US
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Sturcester

On this 22nd day of September, 2009, then personally appeared before me the above-named **Scott Von Rhee** 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. Forriste

My Commission expires 01/30/2015



Date: 9/22/09

Nancy J. Welch
Inventor's Signature

Print full name of second inventor: Nancy Welch
Residence: 3 Buffum Lane, Charlton, MA 01507
Citizenship: US
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Worcester

On this 22nd day of September, 2009, then personally appeared before me the above-named **Nancy Welch** 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. Ferrister
Notary Public

Print Name: Nancy J. Ferrister

My Commission expires 01/30/2015

