

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Helen S. Raizen</td> <td>04/06/2009</td> </tr> <tr> <td>Jeffrey Camp</td> <td>04/03/2009</td> </tr> <tr> <td>Michael E. Bappe</td> <td>04/13/2009</td> </tr> </tbody> </table>		Name	Execution Date	Helen S. Raizen	04/06/2009	Jeffrey Camp	04/03/2009	Michael E. Bappe	04/13/2009		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>EMC Corporation</td> </tr> <tr> <td>Street Address:</td> <td>176 South Street</td> </tr> <tr> <td>City:</td> <td>Hopkinton</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>01748</td> </tr> </table>		Name:	EMC Corporation	Street Address:	176 South Street	City:	Hopkinton	State/Country:	MASSACHUSETTS	Postal Code:	01748
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PROPERTY NUMBERS Total: 1											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (781)401-9966</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 781-401-9988</p> <p>Email: nrm@dc-m.com</p> <p>Correspondent Name: Daly, Crowley, Mofford &amp; Durkee, LLP</p> <p>Address Line 1: 354A Turnpike Street, Suite 301A</p> <p>Address Line 4: Canton, MASSACHUSETTS 02021-2714</p>											
ATTORNEY DOCKET NUMBER:	EMC-108PUS										
NAME OF SUBMITTER:	Marianne M. Downing										
<p>Total Attachments: 5</p> <p>source=TO_PTO_ASSIGNMENT#page1.tif</p> <p>source=TO_PTO_ASSIGNMENT#page2.tif</p>											

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**PATENT**  
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## ASSIGNMENT

**WHEREAS**, we, Helen S. Raizen, Jeffrey Camp and Michael E. Bappe 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 SELECTIVE I/O TO LOGICAL UNIT WHEN ENCRYPTED, BUT KEY IS NOT AVAILABLE OR WHEN ENCRYPTION STATUS IS UNKNOWN, 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 30, 2008 as U.S. Application No. 12/346,412;
- ☐ 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:

4/6/09

Helen S. Raizen  
Inventor's Signature

Print full name of first inventor:

**Helen S. Raizen**

Residence: Jamaica Plain, MA 02130

Citizenship: United States

Mailing Address:

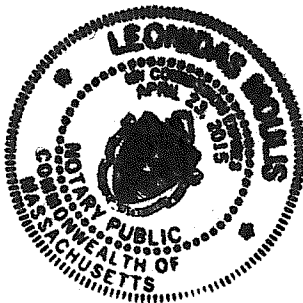
51 Bynner Street  
Jamaica Plain, MA 02130

STATE/Commonwealth of  
COUNTY OF

Massachusetts  
Suffolk

On this 6<sup>th</sup> day of April, 2009, then personally appeared before me the  
above-named Helen S. Raizen known to me through satisfactory evidence of identification [ ]  
employee identification card; [☒] driver's license; [ ] (other)

Helen S. Raizen 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.



Leonidas Moulis  
Notary Public

Print Name: Leonidas Moulis

My Commission expires 4/23/15

Date: 4/3/2009

Jeffrey N. Camp  
Inventor's Signature  
**Jeffrey Camp**

Print full name of second inventor:

Residence: Apex, N.C.

Citizenship: United States

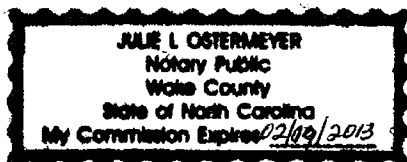
Mailing Address:

8925 Weaver Crossing Road  
Apex, NC 27502

STATE/Commonwealth of  
COUNTY OF

NORTH CAROLINA  
DURHAM

On this 3RD day of APRIL, 2009, then personally appeared before me the  
above-named JEFFREY CAMP 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.

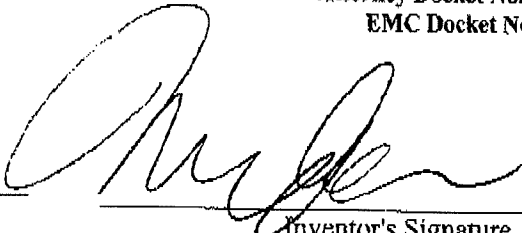


Julie L. Ostermeyer  
Notary Public

Print Name: JULIE L. OSTERMEYER

My Commission expires 02/19/2013

Date: 13 Apr 2009

  
Inventor's Signature

Print full name of third inventor:

**Michael E. Bappe**

Residence: Loveland, CO 80538

Citizenship: United States

Mailing Address:

1017 Knobcone Place  
Loveland, CO 80538

STATE/Commonwealth of  
COUNTY OF

Colorado  
Lincoln

On this 13<sup>th</sup> day of April, 2009, then personally appeared before me the above-named person known to me through satisfactory evidence of identification [ ] employee identification card; [X] driver's license; [ ] (other) Michael E. Bappe 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: Teri L. Krauss

My Commission expires 10 / 2 / 2010



102395

MY COMMISSION EXPIRES:  
October 2, 2010