

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Harold M. SANDSTROM</td> <td>02/08/2012</td> </tr> <tr> <td>Tao TAO</td> <td>02/06/2012</td> </tr> <tr> <td>Hitesh TRIVEDI</td> <td>02/08/2012</td> </tr> <tr> <td>Robert J. PELLOWSKI</td> <td>02/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Harold M. SANDSTROM	02/08/2012	Tao TAO	02/06/2012	Hitesh TRIVEDI	02/08/2012	Robert J. PELLOWSKI	02/08/2012
Name	Execution Date										
Harold M. SANDSTROM	02/08/2012										
Tao TAO	02/06/2012										
Hitesh TRIVEDI	02/08/2012										
Robert J. PELLOWSKI	02/08/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>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
Name:	EMC Corporation										
Street Address:	176 South Street										
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>13872660</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13872660						
Property Type	Number										
Application Number:	13872660										
CORRESPONDENCE DATA											
<p>Fax Number: 5083664688 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5086162900 Email: docket@bainwoodhuang.com</p> <p>Correspondent Name: Bruce D. Rubenstein, Esq. Address Line 1: Bainwood, Huang & Associates, LLC Address Line 2: 2 Connector Road Address Line 4: Westborough, MASSACHUSETTS 01581</p>											
ATTORNEY DOCKET NUMBER:	1003-131.001										
NAME OF SUBMITTER:	Bruce D. Rubenstein, Esq.										
Signature:	/Bruce D. Rubenstein #39,349/										

PATENT

Date:

06/14/2013

Total Attachments: 6

source=1003-131 - Executed Assignment#page1.tif

source=1003-131 - Executed Assignment#page2.tif

source=1003-131 - Executed Assignment#page3.tif

source=1003-131 - Executed Assignment#page4.tif

source=1003-131 - Executed Assignment#page5.tif

source=1003-131 - Executed Assignment#page6.tif

ASSIGNMENT

WHEREAS, we, Harold M. Sandstrom, Tao Tao, Hitesh Trivedi and Robert J. Pellowski 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 **ORDERED KERNEL QUEUE FOR MULTIPATHING EVENTS** 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, 2011 as U.S. Application No. 13/341,343;
- ☐ 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, USA 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

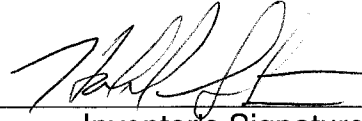
perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution 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 (_____) 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: 8 FEB 2012

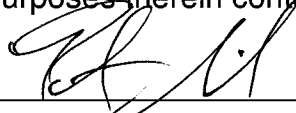


Inventor's Signature

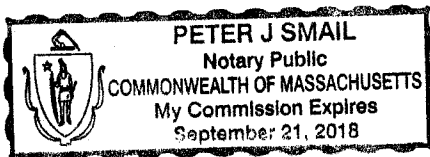
Print full name of first inventor: Harold M. Sandstrom
Residence: 59 Slade Street
Belmont, MA 02478
Citizenship: US
Mailing Address: Same as above

STATE/COMMONWEALTH OF Massachusetts
COUNTY OF Middlesex

On this 8th day of February, 2012, then personally appeared before me the above-named **Harold M. Sandstrom** 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:

Peter J. Smail

My Commission expires 9/21/2018

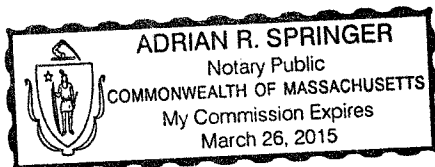
Date: 2/6/2012

Tao Tao
Inventor's Signature

Print full name of second inventor: Tao Tao
Residence: 14 Clifton Street, #1
Cambridge, MA 02140
Citizenship: US
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

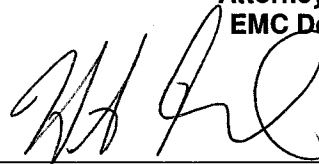
On this 6th day of February, 2012, then personally appeared before me the above-named **Tao Tao** known to me through satisfactory evidence of identification ☐ employee identification card; ☒ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.



[Signature]
Notary Public
Print Name: Adrian Springer

My Commission expires 2/6/12

Date: 2-8-2012



Inventor's Signature

Print full name of third inventor:

Hitesh Trivedi

Residence:

12 Crescent Street

Cambridge, MA 02138

Citizenship:

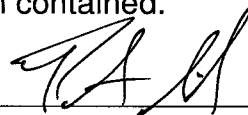
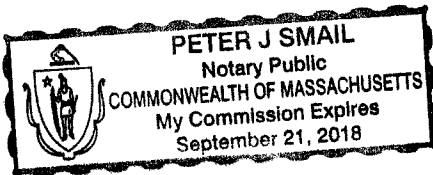
US

Mailing Address:

Same as above

STATE/COMMONWEALTH OF Massachusetts
COUNTY OF Middlesex

On this 8th day of February, 2012, then personally appeared before me the above-named **Hitesh Trivedi** 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:

Peter J. Smail

My Commission expires 9 / 21 / 2018

Date: 2/8/2012

Robert J. Pellowski
Inventor's Signature

Print full name of fourth inventor:

Robert J. Pellowski

Residence:

23 Lynn Drive

Ledyard, CT 06339

Citizenship:

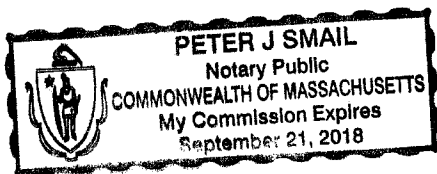
US

Mailing Address:

Same as above

STATE/COMMONWEALTH OF Massachusetts
COUNTY OF Middlesex

On this 8th day of February, 2012, then personally appeared before me the above-named **Robert J. Pellowski** 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.



Peter J. Smail
Notary Public

Print Name:

Peter J. Smail

My Commission expires 9/21/2018