

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>09/20/2007</td></tr><tr><td>Amanuel Ronen Artzi</td><td>09/19/2007</td></tr><tr><td>Michael E. Bappe</td><td>09/27/2007</td></tr><tr><td>Helen S. Raizen</td><td>09/20/2007</td></tr><tr><td>William Zahavi</td><td>09/19/2007</td></tr></tbody></table>	Name	Execution Date	Harold M. Sandstrom	09/20/2007	Amanuel Ronen Artzi	09/19/2007	Michael E. Bappe	09/27/2007	Helen S. Raizen	09/20/2007	William Zahavi	09/19/2007	
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Michael E. Bappe	09/27/2007												
Helen S. Raizen	09/20/2007												
William Zahavi	09/19/2007												
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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11819609</td></tr></tbody></table>	Property Type	Number	Application Number:	11819609									
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CORRESPONDENCE DATA													
Fax Number: (781)401-9966 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 781-401-9988													
Email: pam@dc-m.com													
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Address Line 1: 354A Turnpike Street													
Address Line 2: Suite 301A													
Address Line 4: Canton, MASSACHUSETTS 02021-2714													
ATTORNEY DOCKET NUMBER:	EMC-097PUS												
NAME OF SUBMITTER:	Paul D. Durkee												

CH \$40.00 11819609

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PATENT
REEL: 020175 FRAME: 0491

Total Attachments: 6

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ASSIGNMENT

WHEREAS, we, Harold M. Sandstrom, Amanuel Ronen Artzi, Michael E. Bappe, Helen S. Raizen, and William Zahavi 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 ***STORAGE ARRAY NETWORK PATH ANALYSIS SERVER FOR ENHANCED PATH SELECTION IN A HOST-BASED I/O MULTI-PATH SYSTEM***, 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 28, 2007 as U.S. Application No. 11/819,609;
- ☐ 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: 20 SEPT 2007

Harold M. Sandstrom
Inventor's Signature

Print full name of first inventor:

Harold M. Sandstrom

Residence:

Belmont, MA

Citizenship:

United States

Mailing Address:

59 Slade Street, Belmont, MA 02478

STATE/COMMONWEALTH OF

COUNTY OF

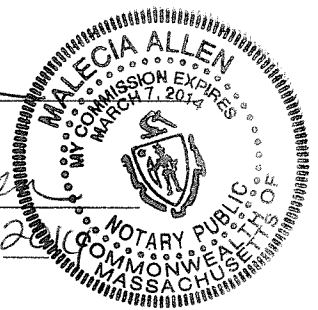
Massachusetts
Middlesex

On this 20th day of September, 20007, 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.

Malecia Allen
Notary Public

Print Name: Malecia Allen

My Commission expires 3/7/2014



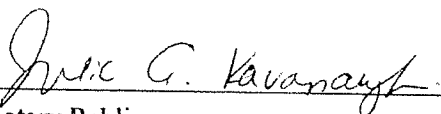
Date: 9/13/07


Inventor's Signature

Print full name of first inventor: **Amanuel Ronen Artzi**
Residence: Framingham, MA
Citizenship: Israel
Mailing Address: 29 Berkeley Road, Framingham, MA 01701

STATE/COMMONWEALTH OF Ma
COUNTY OF Middlesex

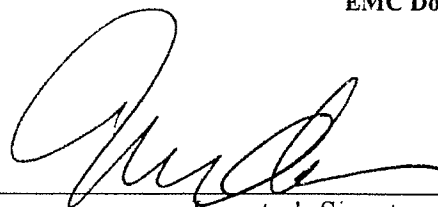
On this 19th day of September, 2007; then personally appeared before me the above-named Amanuel Ronen Artzi known to me through satisfactory evidence of identification ☐ employee identification card; ☒ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.


Notary Public

Print Name: Julie A. Kavanaugh
My Commission expires 2/6/09.

Date:

27 Sept-07



Inventor's Signature

Print full name of first inventor:

Michael E. Bappe

Residence:

Loveland, CO

Citizenship:

United States

Mailing Address:

1017 Knobcone Place, Loveland, CO 80538

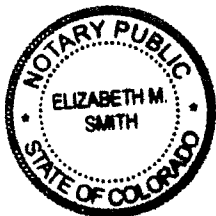
STATE/Commonwealth of

COUNTY OF

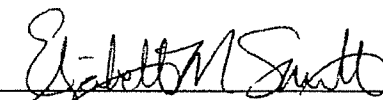
Colorado

Sumner

On this 27th day of September, 2007, then personally appeared before me the above-named Michael E. Bappe 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.



MY COMMISSION EXPIRES:
April 4, 2011



Notary Public

Print Name: Elizabeth M. Smith

My Commission expires 4/4/2011

Date:

9/20/2007

Helen S. Raizen

Inventor's Signature

Print full name of second inventor:

Helen S. Raizen

Residence:

Jamaica Plain, MA

Citizenship:

United States

Mailing Address:

51 Bynner Street, Jamaica Plain, MA 02130

STATE/Commonwealth of

Massachusetts

COUNTY OF

Middlesex

On this 20th day of September, 2007, 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)

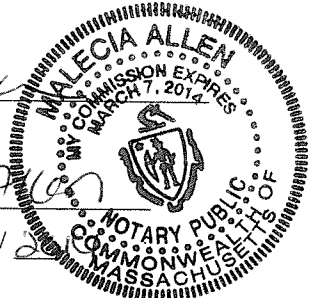
Helen S. Raizen to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Malecia Allen

Notary Public

Print Name: Malecia Allen

My Commission expires 3/7/2012



Date: 9/19/07

William Zahavi
Inventor's Signature

Print full name of second inventor: **William Zahavi**
Residence: Westborough, MA
Citizenship: United States
Mailing Address: 30 Haskell Street
Westborough, MA 01581

STATE/Commonwealth of Ma
COUNTY OF Middlesex

On this 19th day of September, 2007, then personally appeared before me the above-named William Zahavi 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 A. Kavanaugh
Notary Public

Print Name: Julie A. Kavanaugh
My Commission expires 21 61 09