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To the Honorable Commissioner of P

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1 original documents or copy thereof.

1. Name of conveying party(ies)

Hanna Yehuda Executed: February 28, 2005
Morrie Gasser Executed: March 1, 2005

2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: See Box 1Street Address: 176 South StreetCity: Hopkinton State: MA ZIP: 01748Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

11/021,107

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Barry W. Chapin, Esq.

Internal Address: _____

CHAPIN & HUANG, L.L.C.Street Address: Westborough Office Park1700 West Park DriveCity: Westborough State: MA ZIP: 015816. Total number of applications and patents involved: [1]7. Total Fee (37 C.F.R. 3.41)..... \$ 40.00☒ Enclosed with application filing fee☒ Authorized to charge any deficiencies or credit any overpayment to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

50-0901

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Barry W. Chapin, Esq.
Reg. No.: 39,934

Name of Person Signing

Signature

April 7, 2005

Date

Total number of pages including cover sheet, attachments, and document: [4]

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PATENT
REEL: 016475 FRAME: 0740

ASSIGNMENT

WHEREAS, we, Hanna Yehuda and Morrie Gasser 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 **METHODS AND APPARATUS FOR GUIDING A USER THROUGH A SAN MANAGEMENT PROCESS**, 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 23, 2004 as U.S. Application No. 11/021,107;

☐ 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: 2/28/05

Hanna Yehuda
Inventor's Signature

Print full name of first inventor:

Hanna Yehuda

Residence:

17 Glazer Road, Newton, MA 02459

Citizenship:

Israel

Mailing Address:

Same as above

STATE/Commonwealth of

Massachusetts

COUNTY OF

Middlesex

On this 28th day of February, 2005 then personally appeared before me the above-named Hanna Yehuda 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.

Nanci A. Shaffer
Notary Public

Print Name: Nanci A. Shaffer

My Commission expires 5/19/06

Date: 3/1/2005

Morie Gasser
Inventor's Signature

Print full name of second inventor:

Morie Gasser

Residence:

28 South Mill Street, Hopkinton, MA 01748

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of
COUNTY OF

Massachusetts
Hopkinton

On this 1 day of March, 2005, then personally appeared before me the above-named Morie Gasser 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 03/07/2008