

RE

01-10-2006

R SHEET



103154355

To the Honorable Commissione

Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies)

Sunil Ramchandra Upalekar (executed: December 14, 2005)  
 Ravi Luhadiya (executed: December 15, 2005)  
 Hanna Yehuda (executed: December 14, 2005)  
 Serge G Marokhovsky (executed: December 14, 2005)  
 Serena M Doyle (executed: December 14, 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: Please 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: 12/14/05, 12/15/05, 12/14/05, 12/14/05 and 12/14/05

A. Patent Application No.(s)

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 INTELLECTUAL PROPERTY LAW, LLCStreet 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.

Name of Person Signing

Signature

January 3, 2006

Date

Total number of pages including cover sheet, attachments, and document: [7]

01/06/2006 EAREGAY1 00000018 11324841

04 FC:8021

40.00 0P

PATENT  
 REEL: 017432 FRAME: 0047

## ASSIGNMENT

**WHEREAS**, we, Sunil Ramchandra Upalekar, Ravi Luhadiya, Hanna Yehuda, Serge G. Marokhovsky, and Serena M. Doyle 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 PROVIDING ROOT CAUSE ANALYSIS ON ALERTS**, 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.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date: 12/14/2005

  
\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:

Sunil Ramchandra Upalekar

Residence:

33 Harvard Drive, Milford, MA 01757

Citizenship:

India

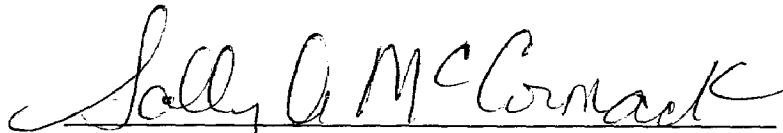
Mailing Address:

Same as above

STATE/Commonwealth of  
COUNTY OF

Massachusetts  
Middlesex

On this 14<sup>th</sup> day of December, 2005, then personally appeared before me the above-named Sunil Ramchandra Upalekar 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:

Sally A McCormack

My Commission expires 12/31/08

Sally A. McCormack, Notary Public  
My Commission Expires Oct. 3, 2008



**EMC Docket No.: EMC-05-361**

12/14/05

Hanna Yehuda  
Inventor's Signature

Inventor's Signature

Hanna Yehuda

14 Selwyn Road, Newton, MA 02461

Israel

Same as above

Massachusetts  
Middlesex

\_\_\_\_\_ 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.

John A McGinnis

Notary Public

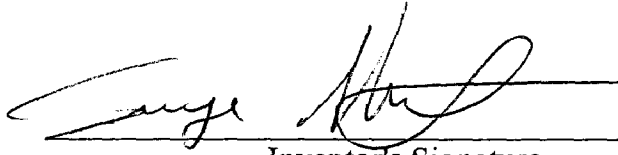
Print Name:

My Commission expires 10/31/08

**Sally A. McCormack, Notary Public**  
**My Commission Expires Oct. 3, 2008**

Date:

12/14/05



Inventor's Signature

Print full name of fourth inventor:

Serge G. Marokhovsky

Residence:

17 Goss Pond Road, Upton, MA 01568

Citizenship:

United States of America

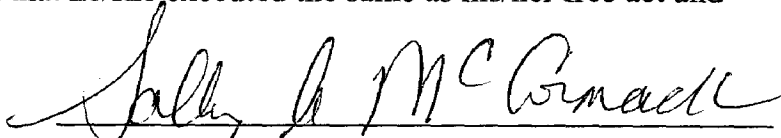
Mailing Address:

Same as above

STATE/Commonwealth of  
COUNTY OF

Massachusetts  
Middlesex

On this 14<sup>th</sup> day of December, 2005, then personally appeared before me the above-named Serge G Marokhovsky 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:

Sally A McCormack

My Commission expires

10/3/08

**Sally A. McCormack, Notary Public**  
**My Commission Expires Oct. 3, 2008**

Date: 12/14/2005

Serena M. Doyle  
Inventor's Signature

Print full name of fifth inventor:

Serena M. Doyle

Residence:

41 Saddle Hill Road, Hopkinton, MA 01748

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of  
COUNTY OF

Massachusetts  
Middlesex

On this 14<sup>th</sup> day of December, 2005, then personally appeared before me the  
above-named Serena M Doyle known to me through satisfactory evidence of identification ☒ X  
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.

Sally A. McCormack

Notary Public

Print Name:

Sally A. McCormack

My Commission expires

10/31/08

Sally A. McCormack, Notary Public  
My Commission Expires Oct. 3, 2008