

**ASSIGNMENT RECORDATION COVER SHEET  
-PATENTS ONLY-**

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)  
a) Ajay Pratap Singh Kushwah  
b) Akhil Kaushik  
c) Jian Xing  
d) Mayank Joshi  
e) Pashupati Kumar  
f) Subramaniam Periyagaram  
g) Rangarajan Suryanarayanan  
h) Yogita Bijani
2. Name and address of receiving party(ies):  
a) Name: EMC Corporation  
b) Address: 176 South Street, Hopkinton, Massachusetts 01748
3. Nature of conveyance  
☒ Assignment  
☐ Security Agreement  
☐ Other \_\_\_\_\_  
☐ Merger  
☐ Change of Name  
☐ License Agreement

Execution Date: a) 04/27/05 b) 04/27/05 c) 04/19/05 d) 04/27/05 e) 04/27/05 f) 04/29/05  
g) 04/27/05 h) 04/27/05

4. Application Number(s) or Patent Number(s): 11/084,679

The title of the (new) application is:

**VERSATILE INFORMATION MANAGEMENT**

5. Please send all correspondence concerning this (these) documents to:

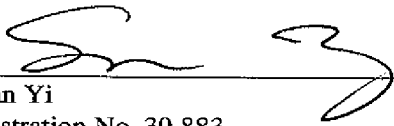
**Customer No. 21912  
Van Pelt, Yi & James LLP  
10050 N. Foothill Blvd,  
Suite 200  
Cupertino, CA 95014  
408-973-2585**

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$40.00

- ☐ Enclosed  
☒ The USPTO is hereby authorized to charge the fee and any deficiencies to Deposit Account No. 50-0685 (Order No. Atty Docket No. LEGAP049)

8. 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.

Date: May 22, 2005

  
\_\_\_\_\_  
Susan Yi  
Registration No. 39,883

## ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

### VERSATILE INFORMATION MANAGEMENT

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on March 18, 2005, and which bears the Application No. 11/084,679, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known;

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to 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, the entire right title and interest in any and all improvements and inventions disclosed in, application(s) (including foreign applications) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application and/or in any provisional application to which the above referenced application claims priority.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

Date:

4/27/05Ajay Pratap Singh Kushwah

Inventor's Signature

Print full name of first inventor:

Ajay Pratap Singh Kushwah

Residence:

San Ramon

Citizenship:

India

Mailing Address:

6501 Koll Center  
Pleasanton, CA 94566STATE/Commonwealth of CaliforniaCOUNTY OF SANTA CLARA

Then personally appeared before me the above-named Inventor's Signature and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 29th day of April, 2005.

Christine Yemoto

Notary Public

Print Name: CHRISTINE YEMOTOMy Commission expires 04/24/08

Date:

04/21/2005

Inventor's Signature

Print full name of second inventor:

Akhil Kaushik

Residence:

Sunnyvale

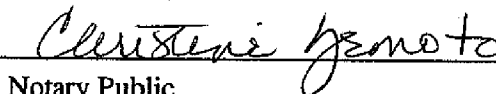
Citizenship:

India

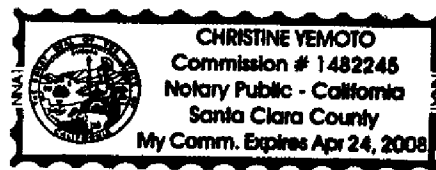
Mailing Address:

6501 Koll Center  
Pleasanton, CA 94566STATE/COMMONWEALTH OF CaliforniaCOUNTY OF SANTA CLARA

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Notary Public

Print Name: CHRISTINE YEMOTOMy Commission expires 04/24/08

Date: 04/19/2005

Inventor's Signature

Print full name of third inventor:

Jian Xing

Residence:

Antioch

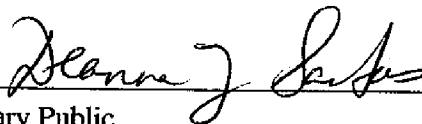
Citizenship:

People's Republic of China

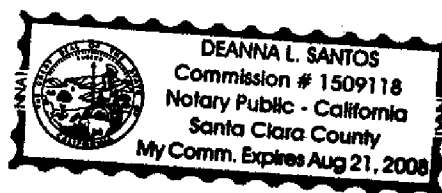
Mailing Address:

6501 Koll Center  
Pleasanton, CA 94566STATE/Commonwealth of California  
COUNTY OF

Then personally appeared before me the above-named Inventor's Signature and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 19 day of April, 2005.



Notary Public

Print Name: Deanna L. SantosMy Commission expires 8/21/08

Date:

04/27/05

Inventor's Signature

Mayank Joshi

Print full name of forth inventor:

Mayank Joshi

Residence:

Santa Clara

Citizenship:

India

Mailing Address:

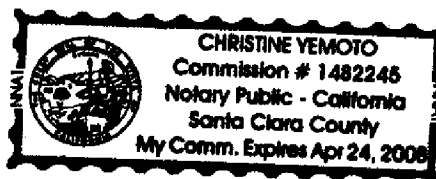
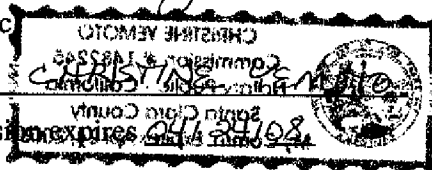
6501 Koll Center  
Pleasanton, CA 94566STATE/Commonwealth of California  
COUNTY OF SANTA CLARA

Then personally appeared before me the above-named Inventor's Signature and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 29th day of April, 2005.

Notary Public

Print Name:

My Commission expires

Christine Yemoto

Date: 04/27/05Pashupati Kumar  
Inventor's Signature

Print full name of fifth inventor:

**Pashupati Kumar**

Residence:

San Jose

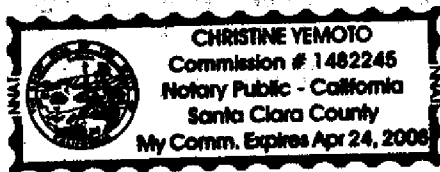
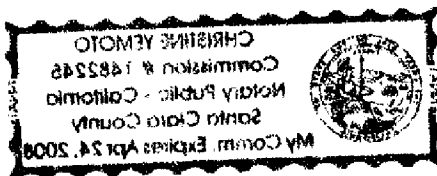
Citizenship:

India

Mailing Address:

6501 Koll Center  
Pleasanton, CA 94566STATE/Commonwealth of CaliforniaCOUNTY OF SANTA CLARA

Then personally appeared before me the above-named Inventor's Signature and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 29th day of April, 2005.

Christine Yemoto  
Notary PublicPrint Name: CHRISTINE YEMOTOMy Commission expires 04/24/08



Date: 4/29/2005Subramaniam Periyagaram  
Inventor's Signature

Print full name of sixth inventor:

Subramaniam Periyagaram

Residence:

Sunnyvale

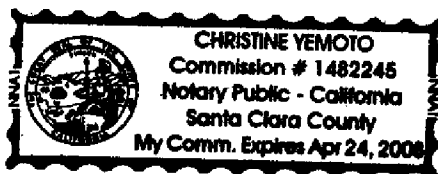
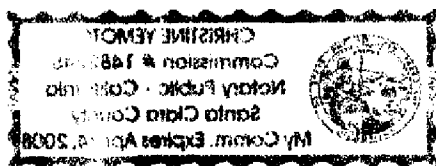
Citizenship:

India

Mailing Address:

6501 Koll Center  
Pleasanton, CA 94566STATE/Commonwealth of California  
COUNTY OF Santa Clara

Then personally appeared before me the above-named Inventor's Signature and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 29<sup>th</sup> day of April, 2005.

Christine Yemoto  
Notary PublicPrint Name: CHRISTINE YEMOTOMy Commission expires 4/24/08

Date:

04/27/05S. Rangarajan  
Inventor's Signature

Print full name of seventh inventor:

Rangarajan Suryanarayanan

Residence:

Santa Clara

Citizenship:

India

Mailing Address:

6501 Koll Center  
Pleasanton, CA 94566STATE/Commonwealth of CaliforniaCOUNTY OF SANTA CLARA

Then personally appeared before me the above-named Inventor's Signature and acknowledged that he/~~she~~ executed the foregoing instrument as his/~~her~~ free act and deed this 29th day of April, 2005.

Christine Yemoto  
Notary PublicPrint Name: CHRISTINE YEMOTOMy Commission Expires: April 24, 2008

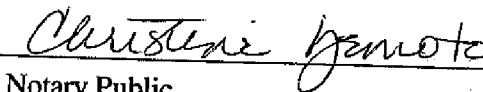
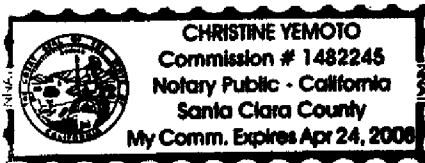
Date: 04/27/05  
Inventor's Signature

Print full name of eighth inventor:  
Residence:  
Citizenship:  
Mailing Address:

**Yogita Bijani**  
Santa Clara  
India  
6501 Koll Center  
Pleasanton, CA 94566

STATE/Commonwealth of California  
COUNTY OF SANTA CLARA

Then personally appeared before me the above-named Inventor's Signature and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 29<sup>th</sup> day of April, 2005.

  
Notary Public

Print Name: CHRISTINE YEMOTO  
My Commission expires 04/24/08