

12-8-09

U.S. PTO
12/653107
12/08/2009

12-17-2009



103583902

**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) Kevin Farlee
- b) Richard Reitmeyer
- c) William Maruyama

2. Name and address of receiving party(ies):

- a) Name: EMC Corporation
- b) Address: 176 South Street, Hopkinton, MA 01748

3. Nature of conveyance

- | | | | |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other _____ | <input type="checkbox"/> | License Agreement |

Execution Date: (a) May 11, 2005 (b) May 17, 2005 (c) May 27, 2005

4. Application Number(s) or Patent Number(s): Not Assigned

The title of the (new) application is:

12653107

TRAVERSING DATA IN A REPEATABLE MANNER

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
- ☒ Any deficiencies are hereby authorized to be charged to Deposit Account No. 50-0685 (Order No. LEGAP054C1)

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.

12/10/2009 MBELETE1 00000002 12653107

Date: December 8, 2009

Laura Ing
Registration No. 56,859

01 FC:8021

40.00 0P

Attorney Docket No. LEGAP054C1

(Revised 01/96)

PATENT
REEL: 023669 FRAME: 0985

Date:

5/11/2005

Kevin Farlee

Kevin Farlee

Print full name of first inventor:

Kevin Farlee

Residence:

Maple Valley, WA

Citizenship:

USA

Mailing Address:

6501 Koll Center
Pleasanton, CA 94566

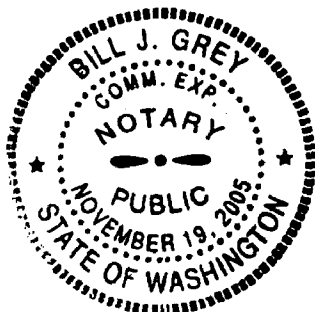
STATE/Commonwealth of

WA

COUNTY OF

KING

Then personally appeared before me the above-named Kevin Farlee and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 11 day of May, 2005.



Bill J. Grey
Notary Public

Print Name:

Bill J Grey

My Commission expires 11/19/2005

Date: May 17, 2005

R. A. Reitmyer
Richard Reitmeyer

Print full name of first inventor:

Richard Reitmeyer

Residence:

Menlo Park, CA

Citizenship:

USA

Mailing Address:

6501 Koll Center
Pleasanton, CA 94566

STATE/Commonwealth of

CA

COUNTY OF

SANTA CLARA

Then personally appeared before me the above-named Richard Reitmeyer and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 17th day of

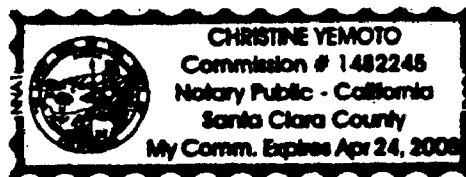
May, 2005.

Christine Yemoto

Notary Public

Print Name: CHRISTINE YEMOTO

My Commission expires 4/24/2008



Date:

May 27, 2005

William Maruyama
William Maruyama

Print full name of first inventor:

William Maruyama

Residence:

Los Altos, CA

Citizenship:

USA

Mailing Address:

6501 Koll Center
Pleasanton, CA 94566

STATE/Commonwealth of
COUNTY OF

CALIFORNIA
Santa Clara

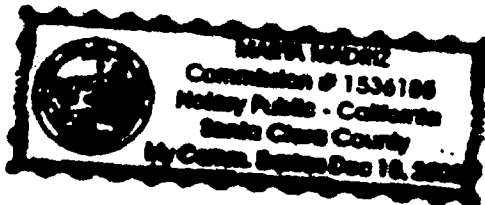
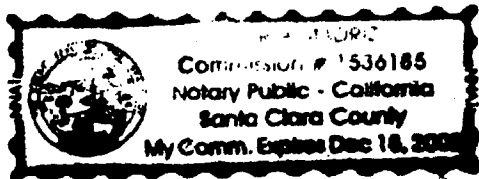
Then personally appeared before me the above-named William Maruyama and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 27 day of May, 2005.



Marta Madriz
Notary Public

Print Name: MARTA MADRIZ

My Commission expires 12 / 18 / 2008



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:

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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 April 14, 2005, and which bears the Application No. 11/107,995, 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).