

04-09-2008

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



103495671

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies):**

Eyal Zimran (03/12/2008), Sorin Faibish  
(03/04/2008), and Jason R. Glasgow (03/04/2008)

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

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

Name: EMC Corporation

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

176 South Street

City: Hopkinton

State: Massachusetts

Country: United States of America Zip: 01748

Additional name(s) & address(es) attached: ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other \_\_\_\_\_

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/966,645

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Richard F. Giunta  
WOLF, GREENFIELD & SACKS, P.C.

Internal Address: \_\_\_\_\_

Street Address: Federal Reserve Plaza  
600 Atlantic Avenue

City: Boston

State: MA Zip: 02210-2206

Phone Number: 617.646.8000

Fax Number: 617.646.8646

Email Address: rgiunta@wolfgreenfield.com

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name: 04/03/2008 DRYNE 00000076 11966645

**9. Signature:**

Signature

Richard F. Giunta - 36,149

Name of Person Signing

01 FC:0021

40.00 OP

April 3, 2008

Date

Total number of pages including cover sheet, attachments, and documents:

5

**Certificate of Mailing Under 37 CFR 1.8(a)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: April 3, 2008

Signature: \_\_\_\_\_

(Richard F. Giunta)

**PATENT**

**REEL: 020786 FRAME: 0527**

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Assignors hereby:

1. Sell, assign and transfer to EMC Corporation, a Massachusetts corporation having a place of business at 176 South Street; Hopkinton, Massachusetts 01748, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, our entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on December 28, 2007 under No. 11/966,645, bearing Attorney Docket No. E0295.70343US00, and entitled SELECTION OF A DATA PATH BASED ON THE LIKELIHOOD THAT REQUESTED INFORMATION IS IN A CACHE, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to Japan and Korea, on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

E0295.70343US00-

Date March 12, 2008

  
Inventor: Eyal Zimran

Address: 12 Thurlby Croft

Mulberry Close

Hendon

LONDON

NW4 1QP

UNITED KINGDOM

Citizenship: United Kingdom, USA and Israel

STATE OF ENGLAND )

) ss.

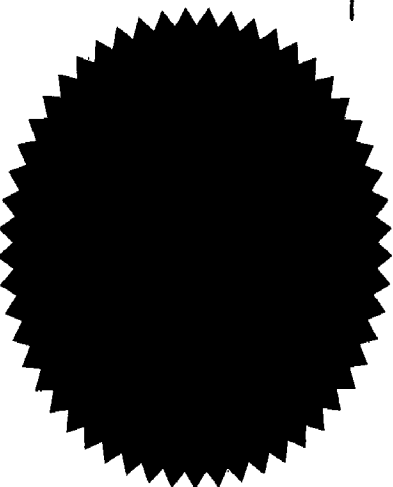
COUNTY OF MIDDLESEX )

BEFORE ME, the undersigned authority, on this 12<sup>th</sup> day of March, 2008, personally appeared EYAL ZIMRAN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Notary Public

RICHARD PHILIP GODFREY CRAIK  
NOTARY PUBLIC



15/17 Broadway,  
West Ealing,  
London W13 9DA

MY COMMISSION ENDURES FOR  
SO LONG AS I SHALL PRACTISE

E0295.70336US00-

03/04/08

Faibish

Date

Inventor: Sorin Faibish

Address: 11 Selwyn Road

Newton, Massachusetts 02461

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF MIDDLESEX

On this 4<sup>th</sup> day of March, 2008, before me, the undersigned notary public, personally appeared Sorin Faibish, proved to me through satisfactory evidence of identification, which were Massachusetts Driver's License, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Linette S. Kelley  
Notary Public

My commission expires:

May 5, 2011



LINETTE S. KELLEY  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
May 5, 2011

E0295.70343US00-

Date

3/4/08

Inventor: Jason R. Glasgow

Address: 47 Oxford Road

Newton, MA 02459

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF MIDDLESEX

On this 4<sup>th</sup> day of March, 2008, before me, the undersigned notary public, personally appeared Jason R. Glasgow, proved to me through satisfactory evidence of identification, which were Driver's License (Massachusetts), to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Linette S. Kelley  
Notary Public

My commission expires:

May 5, 2011



LINETTE S. KELLEY  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
May 5, 2011