

02-15-2007

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2007 FEB 12 AM 10:16

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)

Rajeev Govindan, Thomas Giglia, William Kuhhirte; Ehud Kleers

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

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

Execution Date(s) 2/5/07; 12/7/06; 12/7/06; 12/7/06

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address: Office of the General Counsel

Street Address: 176 South Street

City: Hopkinton

State: Ma

Country: USA Zip: 01748-9103

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

4. Application or patent number(s):

A. Patent Application No.(s)
11/638,125

☐ This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Carl A. Giordano

Internal Address: EMC Corporation

Street Address: 44 South Broadway, 7th flr.

City: White Plains

State: NY Zip: 10601

Phone Number: 914 798 8505

Fax Number: 914 948 6270

Email Address: Giordano_Carl@emc.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 05-0889

Authorized User Name Carl A. Giordano

9. Signature:

DBYRME 00000266 050889 11638125

Signature

February 9, 2007

Date

(40.00 DA)

Carl A. Giordano

Name of Person Signing

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

10

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Express Mail Mailing Label No. _____

ASSIGNMENT

WHEREAS, we, Rajeev Govindan, Thomas Giglia, William Kuhhirte and Ehud Kleers 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

*Method and Apparatus for Representing, Managing, Analyzing
And Problem Reporting in Home Networks*

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 **12/13/2006** as Application No. **11/638,125**

☐ 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;

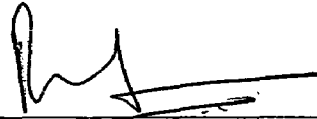
NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said 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: 02/05/07

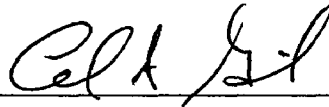


Inventor's Signature

Print full name of third inventor: **Rajeev Govindan**
Residence: 252 Nathan Bvd., Parlin, NJ 08859
Citizenship: India
Mailing Address: Same as above

STATE/~~COMMONWEALTH OF~~ NEW YORK
COUNTY OF WESTCHESTER

On this 5TH day of FEBRUARY, 2007, then personally appeared before me the above-named R. GOVINDAN 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: CARL A. GIORDANO

My Commission expires 3 / 20 / 2010

Carl A. Giordano
Notary Public, State of New York
No. 02016142485
Qualified in Rockland County
Commission Expires 3/20/2010

Thos R. Griffin

New York

WESTCHESTER

Cell 2.1

PATENT
REEL: 018918 FRAME: 0049


Date: 12/7/2006


Inventor's Signature

Print full name of third inventor: **William Kuhhirte**
Residence: 322 176th Avenue Cir, Redington Shores, FL 33708
Citizenship: USA
Mailing Address: Same as above

STATE/~~COMMONWEALTH~~ OF NEW YORK
COUNTY OF WESTCHESTER

On this 7TH day of DECEMBER, 2007^{6th}, then personally appeared before me the
above-named W. KUHHIRTE 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: CARL A. GIORDANO

My Commission expires 3 / 20 / 2010

Carl A. Giordano
Notary Public, State of New York
No. 02GI6142485
Qualified in Rockland County
Commission Expires 3/20/2010

Date:

12/7/2006

adnc

Inventor's Signature

Print full name of third inventor:

Ehud Kleers

Residence:

295 Nob Hill Drive, Elmsford, NY 10523

Citizenship:

Israel

Mailing Address:

Same as above

STATE/~~COMMONWEALTH OF~~

New York

COUNTY OF

WESTCOTT

On this 7th day of DECEMBER, 2007, then personally appeared before me the above-named C. Kline 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.

Col L. L.

Notary Public

Print Name: CARL A. GIORANO

My Commission expires 3 / 20 / 2017

Carl A. Giordano
Notary Public, State of New York
No. 02GI6142485
Qualified in Rockland County
Commission Expires 3/20/2010