

Form PTO-1585 (Rev. 07/05)
 OMB No. 0651-0027 (exp. 6/30/2008)

EMC-06-003

RECORDATION FORM COVER SHEET PATENTS ONLY

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

1. Name of conveying party(ies)

- 1. Igor Shmulevich
- 2. Harsh Hatekar
- 3. Gary Tang

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

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

Execution Date: 1. 1/19/2006 2. 1/23/2006 3. 1/19/2006

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmation License
- Other _____

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

Name: EMC Corporation

Internal Address: _____

Street Address: 176 South Street

City: Hopkinton

State: MA

Country: USA Zip: 01748

Additional name(s) and address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s) 11/325,363

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Theodore A. Chen, Esq.

Internal Address: EMC Corporation

Street Address: 6801 Koll Center Parkway

City: Pleasanton State: CA Zip: 94566

Phone Number: 925-600-5681

Fax Number: 925-600-5682

Email Address: chen_theodore@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 charge by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

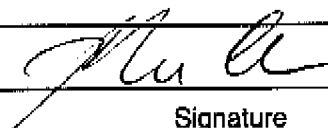
8. Payment Information

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit account number 05-0889

Authorized User Name _____

9. Signature:



Signature

1/23/06

Date

Theodore A. Chen

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: **[6]**

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 VA 22313-1450

700240083

PATENT
REEL: 017218 FRAME: 0478

GH \$40.00 050889 11325363

PATENT/Joint Assignment
EMC Docket No.: EMC-06-003

ASSIGNMENT

WHEREAS, we, Igor Shmulevich, Harsh Hatekar and Gary Tang 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 ***EXTENSIBLE PORTLET TEMPLATES***, 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 January 3, 2006 as U.S. Application No. 11/325,363;
- 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

PATENT
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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: 01/19/2006

Igor Shmulevich
Inventor's Signature

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

Igor Shmulevich
716 Pradera Way, San Ramon, CA 94583
USA
Same as above

STATE/Commonwealth of CA
COUNTY OF Santa Clara

Then personally appeared before me the above-named Igor Shmulevich and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 19 day of January, 2006.

Deanna J Santos
Notary Public

Print Name: Deanna L Santos
My Commission expires 8/21/08



EMC Docket No.: EMC-06-003

Date: 23rd Jan 2006

Harsh Hatekar
Inventor's Signature

Print full name of first inventor:

Harsh Hatekar

Residence:

3630 Andrews Drive, Apt. # 201, Pleasanton, CA 94588

Citizenship:

India

Mailing Address:

Same as above

STATE/~~COMMONWEALTH~~ OF New York
COUNTY OF New York

Then personally appeared before me the above-named Harsh Hatekar and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 23rd day of January, 2006.

Harold T. Cooke
Notary Public

Print Name: HAROLD T. COOKE

My Commission expires 10/04/09

HAROLD T. COOKE
Notary Public, State of New York
No. 01005018572
Qualified in Kings County
Commission Expires October 4, 2009

EMC Docket No.: EMC-06-003

Date: 1/19/2006

Gary Tang
Inventor's Signature

Print full name of first inventor:

Gary Tang

Residence:

2228 Schott Ct, Santa Clara, CA 95054

Citizenship:

USA

Mailing Address:

Same as above

STATE/Commonwealth of CA
COUNTY OF Santa Clara

Then personally appeared before me the above-named Gary Tang and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 19 day of January, 2006.

Deanna J. Santos
Notary Public

Print Name: Deanna L. Santos

My Commission expires 8/21/08

