

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the application number that was incorrectly listed previously recorded on Reel 029080 Frame 0362. Assignor(s) hereby confirms the correct application number should be 13628402..										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ramkumar Ganesan</td> <td>10/01/2012</td> </tr> <tr> <td>Priya Lakshmi Muthuswamy</td> <td>10/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ramkumar Ganesan	10/01/2012	Priya Lakshmi Muthuswamy	10/01/2012				
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CORRESPONDENCE DATA											
<p>Fax Number: 4089732595  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-973-2585        Email: egalvan@ip-patent.com        Correspondent Name: VAN PELT, YI &amp; JAMES LLP AND EMC CORPORA        Address Line 1: 10050 N. FOOTHILL BLVD.        Address Line 2: SUITE 200        Address Line 4: CUPERTINO, CALIFORNIA 95014</p>											
ATTORNEY DOCKET NUMBER:	EMCCP297										
NAME OF SUBMITTER:	William J. James										
Total Attachments: 5											

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**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
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Correspondent Name: VAN PELT, YI & JAMES LLP AND EMC CORPORA											
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Address Line 2: Suite 200											
Address Line 4: Cupertino, CALIFORNIA 95014											
<b>ATTORNEY DOCKET NUMBER:</b>	EMCCP297										

<b>NAME OF SUBMITTER:</b>	William J. James
<b>Signature:</b>	/william j. james/
<b>Date:</b>	10/04/2012
<b>Total Attachments: 3</b> source=EMCCP297_Executed_Assignment#page1.tif source=EMCCP297_Executed_Assignment#page2.tif source=EMCCP297_Executed_Assignment#page3.tif	
<b>RECEIPT INFORMATION</b>  EPAS ID: PAT2123436 Receipt Date: 10/04/2012 Fee Amount: \$40	

PATENT

ASSIGNMENT

WHEREAS, we, Ramkumar Ganesan and Priya Lakshmi Muthuswamy 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 *REORDER AND SELECTION PERSISTENCE OF DISPLAYED OBJECTS*, 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 September 27, 2012 as U.S. Application No. 13/628,402;
- ☐ 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, I 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 me had this assignment and sale not been made; I 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. I 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;

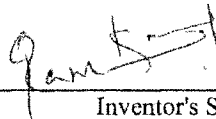
AND, I hereby further agree for me and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, 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, I 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, I have hereunto set my hand and affixed my seal as set forth below:

Date: 01 - OCTOBER - 2012



Inventor's Signature

Print full name of first inventor:

**Ramkumar Ganesan**

Residence:

Bangalore, India

Citizenship:

India

Mailing Address:

176 South Street

Hopkinton, MA 01748

I RAJKUMAR NAGARAJAN (name) whose residential address is NO 296/A, 17TH C MAIN ROAD HER LAYOUT, SECTOR 3, BANGALORE - 560102 was personally present and did see RAMKUMAR GANESAN (name of person signing the assignment) who is personally known to me, execute the above assignment.

ce. Rajm. (signature of first witness)

Signed at BANGALORE (location of witness signature)

on this day 01 - OCTOBER - of 20 12. (date of signature)

I SNEHAL JAIN (name) whose residential address is B-205, GOPALAN MILLENIUM HABITAT, KUNDALAHALLI COLONY, K.R.PURAM, BANGALORE was personally present and did see RAMKUMAR GANESAN (name of person signing the assignment) who is personally known to me, execute the above assignment.

Snehal (signature of second witness)

Signed at EMC, BANGALORE (location of witness signature)

on this day 01 - OCTOBER of 20 12 (date of signature)

Date:

10/1/2012

Priya Lakshmi M  
Inventor's Signature

Print full name of second inventor:

**Priya Lakshmi Muthuswamy**

Residence:

Bangalore, India

Citizenship:

India

Mailing Address:

176 South Street

Hopkinton, MA 01748

I SWATI (name) whose residential address is  
C-804, SPRINGFIELD APT, SARJAPUR ROAD, BANGALORE was  
personally present and did see PRIYA (name of person signing the assignment)  
who is personally known to me, execute the above assignment.

Swati

(signature of first witness)

Signed at EMC, BANGALORE (location of witness signature)

on this day 1-OCT of 2012. (date of signature)

I SNEHAL JAIN (name) whose residential address is  
B-205, GODDAN MILLENIUM HABITAT, KUNDALAHALLI COLONY, KRIPURAM, BANGALORE was  
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(signature of second witness)

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