

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
David Haase	07/31/2012
RECEIVING PARTY DATA	
Name:	EMC Corporation
Street Address:	176 South Street
City:	Hopkinton
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13535918
CORRESPONDENCE DATA	
Fax Number:	
Phone:	508-435-1000
Email:	Docketing@emc.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	EMC CORPORATION OFFICE OF THE GENERAL CO
Address Line 1:	176 SOUTH STREET
Address Line 4:	HOPKINTON, MASSACHUSETTS 01748
ATTORNEY DOCKET NUMBER:	EMC-12-368
NAME OF SUBMITTER:	Jason A. Reyes
Total Attachments: 8 source=EMC-12-368DavidHasseExecutedAssignment#page1.tif source=EMC-12-368DavidHasseExecutedAssignment#page2.tif source=EMC-12-368DavidHasseExecutedAssignment#page3.tif source=EMC-12-368DavidHasseExecutedAssignment#page4.tif source=EMC-12-368DavidHasseExecutedAssignment#page5.tif source=EMC-12-368DavidHasseExecutedAssignment#page6.tif source=EMC-12-368DavidHasseExecutedAssignment#page7.tif source=EMC-12-368DavidHasseExecutedAssignment#page8.tif	

CH \$40.00 13535918

**ASSIGNMENT**

**WHEREAS**, we, **DAVID HAASE, MILES A. DEFOREST, PAUL THOMAS MCGRATH, DAYANAND SULDHAL, NAGAPRAVEEN V. SEELA, and MICHAEL C. BRUNDAGE** 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 **MANAGING PROPERTIES COLLECTION**, 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 **JUNE 28, 2012** as **U.S. Application No. 13/535,918**;

☐ 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;

**AND**, we hereby authorize our attorneys, EMC Corporation, to insert here in parenthesis ( ) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

**IN TESTIMONY WHEREOF**, we have hereunto set our hands and affixed our seals as set forth below:

Date: 7/31/12

  
Inventor's Signature

Print full name of first inventor:

**DAVID HAASE**

Residence:

904 CEDAR POINT COURT, FUQUAY VARINA,  
NC 27526

Citizenship:

US

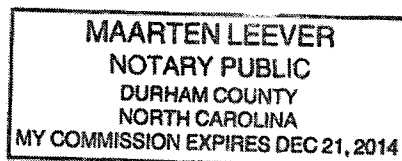
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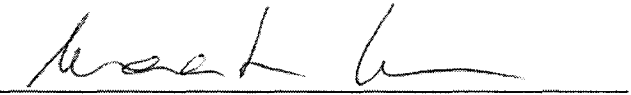
SAME AS RESIDENCE

STATE/Commonwealth of  
COUNTY OF

North Carolina  
Durham

On this 31<sup>st</sup> day of July, 2012 then personally appeared before me the  
above-named **DAVID HAASE** known to me through satisfactory evidence of identification ☒  
employee identification card; ☐ (driver's license) ☐ (other)  
NC DL 28817530 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: Maarten Leever

My Commission expires 12/21/2014

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of second inventor:

**MILES A. DEFOREST**

Residence:

6921 IRON GATE DRIVE, BAHAMA, NC 27503

Citizenship:

US

Mailing Address:

SAME AS RESIDENCE

STATE/Commonwealth of \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, then personally appeared before me the above-named **MILES A. DEFOREST** 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: \_\_\_\_\_

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of third inventor:

**PAUL THOMAS MCGRATH**

Residence:

8608 BROOKDALE DRIVE, RALEIGH, NC 27613

Citizenship:

US

Mailing Address:

SAME AS RESIDENCE

STATE/Commonwealth of \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, then personally appeared before me the above-named **PAUL THOMAS MCGRATH** 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: \_\_\_\_\_

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of fourth inventor:

**DAYANAND SULDHAL**

Residence:

228 PARK STREET, APT. 7, NEW CANAAN, CT  
06840

Citizenship:

INDIA

Mailing Address:

SAME AS RESIDENCE

STATE/Commonwealth of \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, then personally appeared before me the above-named **DAYANAND SULDHAL** 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: \_\_\_\_\_

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of fifth inventor:

**NAGAPRAVEEN V. SEELA**

Residence:

533 STONECROFT LANE, CARY, NC 27519

Citizenship:

INDIA

Mailing Address:

SAME AS RESIDENCE

STATE/Commonwealth of \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, then personally appeared before me the above-named **NAGAPRAVEEN V. SEELA** 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: \_\_\_\_\_

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_



Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of sixth inventor:

**MICHAEL C. BRUNDAGE**

Residence:

108 HARBOR GLEN DRIVE, LEXINGTON, SC  
29072

Citizenship:

US

Mailing Address:

SAME AS RESIDENCE

STATE/Commonwealth of \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, then personally appeared before me the above-named **MICHAEL C. BRUNDAGE** 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: \_\_\_\_\_

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_