

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3737224

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEAN-PIERRE BONO	04/30/2013
MORGAN A. CLARK	05/22/2013
MICHAEL D. SCHEER	05/03/2013
WILLIAM C. DAVENPORT	05/06/2013
SAIRAM VEERASWAMY	02/09/2016
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:	13837063
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	113454.00118/EMC-12-950
NAME OF SUBMITTER:	ROBYN L. LECESSÉ
SIGNATURE:	/Robyn L. Lecesse/
DATE SIGNED:	02/12/2016
Total Attachments: 7	

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ASSIGNMENT

WHEREAS, we, Jean-Pierre Bono, Morgan A. Clark, Michael D. Scheer, William C. Davenport, and Sairam Veeraswamy 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 System and Method for Thin Provisioning (Application), the specification of which:

[X] was filed on March 15, 2013 under U.S. Application Serial No. 13/837,063

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:

4/30/13


Inventor's Signature

Print full name of first inventor:

Jean-Pierre Bono

Residence:

Westborough, MA

Citizenship:

US

Mailing Address:

33 Wachusett View Drive

Westborough, MA 01581

STATE/COMMONWEALTH OF

COUNTY OF

Massachusetts
Middlesex

On this 30th day of April, 2013, then personally appeared before me the above-named Jean-Pierre Bono known to me through satisfactory evidence of identification ☒ employee identification card; ☐ driver's license; ☐ (other)

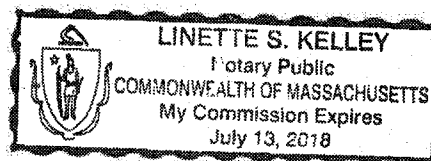
_____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.


Notary Public

Print Name:

Linette S. Kelley

My Commission expires 07/13/2018



Attorney Docket No. 113454.00118
EMC Docket No.: EMC-12-950

Date: May 22, 2013


Inventor's Signature

Print full name of second inventor: **Morgan A. Clark**
Residence: **South Orange, NJ**
Citizenship: **US**
Mailing Address: **203 Academy Street**
South Orange, NJ 07079

STATE/COMMONWEALTH OF New Jersey
COUNTY OF Essex

On this 22 day of MAY, 2013, then personally appeared before me the above-named Morgan A. Clark 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 _____

NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 6/12/2019

Date:

May 3, 2013

Michael D. Scheer
Inventor's Signature

Print full name of third inventor:

Michael D. Scheer

Residence:

Summit, NJ

Citizenship:

US

Mailing Address:

28 Bedford Road
Summit, NJ 07901

STATE/Commonwealth of
COUNTY OF

New Jersey
Middlesex

On this 3rd day of May, 2013, then personally appeared before me the
above-named Michael D. Scheer 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.

[Signature]
Notary Public

Print Name: Dina Abdalla

My Commission expires / /

DINA W. ABDALLA
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES SEPT. 12, 2013

Date:

5/6/2013

William C. Davenport
Inventor's Signature

Print full name of fourth inventor:

William C. Davenport

Residence:

Burlington, MA

Citizenship:

US

Mailing Address:

28 Cedar Street
Burlington, MA 01803

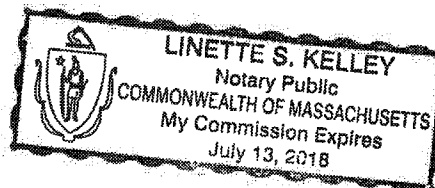
STATE/Commonwealth of
COUNTY OF

Massachusetts
Middlesex

On this 6th day of May, 2013, then personally appeared before me the
above-named William C. Davenport known to me through satisfactory evidence of identification
[X] 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.

Linette S. Kelley
Notary Public

Print Name: Linette S. Kelley
My Commission expires 07/13/2018



SD

Date 09/02/2016

SD

Inventor's Signature

Print full name of inventor:

Sairam Veeraswamy

Residence:

C-320 Manchester Grand, MG Road

Avarampalayam, Coimbatore India 641006

Citizenship:

India

Mailing Address:

Same as above

I ANIMESH SINGH (name) whose residential address is
89, TROPICAL PARADISE, KUDLU, BANGALORE - 68
was personally present and did see SAIRAM VEERASWAMY (name of person signing
the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at BANGALORE (location of witness signature)

on this day 9TH FEB of 2016. (date of signature)

I MANEESH SINGHAL (name) whose residential address is
105, BRUNDAVAN PRESIDENCY, HSR LYT, BANGALORE
was personally present and did see SAIRAM VEERASWAMY (name of person signing
the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at BANGALORE (location of witness signature)

on this day 9TH FEB of 2016. (date of signature)