

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3840903

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SATYAPAL P. REDDY	04/20/2016
JULIAN HJORTSHOJ	04/21/2016
RAVIKUMAR MEENAKSHISUNDARAM	04/20/2016
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:	15066235
CORRESPONDENCE DATA	
Fax Number:	(415)705-6383
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	4157056377
Email:	rking@dergnoah.com
Correspondent Name:	TODD A. NOAH
Address Line 1:	ONE EMBARCADERO CENTER, SUITE 350
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94111
ATTORNEY DOCKET NUMBER:	965-15-1130
NAME OF SUBMITTER:	TODD A. NOAH
SIGNATURE:	/Todd A. Noah/
DATE SIGNED:	04/21/2016
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, we, Satyapal P. Reddy, Julian Hjortshoj, and Ravikumar Meenakshisundaram 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 CONDITIONAL CREATION OF CHILD NODES BASED ON ANCESTOR NODE METADATA RUNTIME VALUES, 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 March 10, 2016 as U.S. Application No. 15/066,235 ;
- 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: 04/20/2016 By: Satyapal Reddy
Inventor's Signature

Print full name of first inventor: Satyapal P Reddy

Residence: 3500 Hart Common
Fremont, CA 94538

Citizenship: United States of America

Mailing Address: Same as above

STATE OF _____ *SEE ATTACHED*
COUNTY OF _____

On this _____ day of _____, 20____, before me _____,
Notary Public, personally appeared _____ who proved to me on
the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the
within instrument and acknowledged to me that he/she/they executed the same in his/her/their
authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s),
or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

By: _____
Notary Public

Print Name: _____

My Commission expires ___ / ___ / ___

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of ALAMEDA)
On 4/20/2016 before me, VICKI R SAMIOTES
Date Here Insert Name and Title of the Officer
personally appeared SATYAPAL P REDDY
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person ~~or~~ whose name ~~is~~ ~~are~~ subscribed to the within instrument and acknowledged to me that he ~~or~~ ~~she~~ ~~they~~ executed the same in his ~~or~~ ~~her~~ ~~their~~ authorized capacity ~~(ies)~~, and that by his ~~or~~ ~~her~~ ~~their~~ signature ~~(s)~~ on the instrument the person ~~s~~, or the entity upon behalf of which the person ~~s~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Vicki R Samiotes
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____
Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

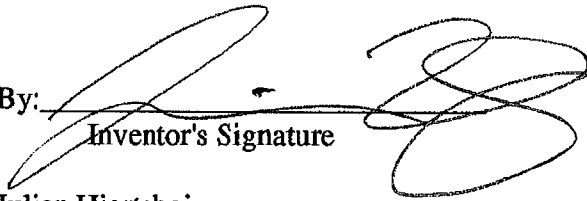
Signer's Name: _____
Corporate Officer — Title(s): _____
Partner — Limited General
Individual Attorney in Fact
Trustee Guardian or Conservator
Other: _____

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
Other: _____

Signer Is Representing: _____

Signer Is Representing: _____

Date: 4/21/2016

By: 
Inventor's Signature

Print full name of second inventor:

Julian Hjortshoj

Residence:

225 Teresita Blvd.
San Francisco, CA 94127

Citizenship:

United States of America

Mailing Address:

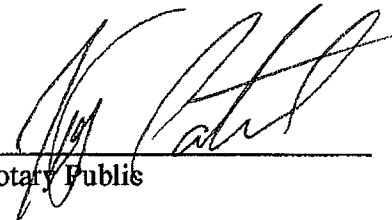
Same as above

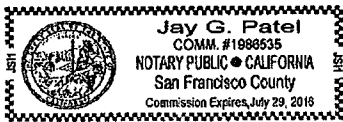
STATE OF CALIFORNIA
COUNTY OF SAN FRANCISCO

On this 21st day of APRIL, 2016, before me JAY G. PATEL,
Notary Public, personally appeared JULIAN HJORTSHOJ who proved to me on
the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the
within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~
authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s),
or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

By: 
Notary Public



Print Name: JAY G. PATEL

My Commission expires 07/29/2016

Date: 04/20/2016

By: Ravikumar Meeankshisundaram
Inventor's Signature

Print full name of third inventor:

Ravikumar Meeankshisundaram

Residence:

4175 Torino court
Pleasanton, CA 94588

Citizenship:

India

Mailing Address:

Same as above

STATE OF _____

SEE ATTACHED

COUNTY OF _____

On this ____ day of _____, 20__, before me _____,
Notary Public, personally appeared _____ who proved to me on
the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the
within instrument and acknowledged to me that he/she/they executed the same in his/her/their
authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s),
or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

By: _____
Notary Public

Print Name: _____

My Commission expires __ / __ / __

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

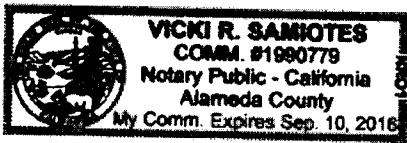
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of ALAMEDA)
On 4/20/2016 before me, Vicki R Samiotes
Date Here Insert Name and Title of the Officer
personally appeared RAVIKUMAR MEEANKSHISUNDARAM
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person~~s~~ whose name~~s~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity~~(ies)~~ and that by his/~~her/their~~ signature~~s~~ on the instrument the person~~s~~ or the entity upon behalf of which the person~~s~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Vicki R Samiotes
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
Corporate Officer — Title(s): _____
Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
Other: _____

Signer's Name: _____
Corporate Officer — Title(s): _____
Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
Other: _____

Signer Is Representing: _____

Signer Is Representing: _____