

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3043424

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KEDAR SHRIKRISHNA PATWARDHAN	09/24/2014
SCOTT OGATA	09/25/2014
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:	14500394
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	EMC-14-0185 (EM1.04U)
NAME OF SUBMITTER:	GEOFFREY T. STANIFORD
SIGNATURE:	/GEOFFREY T. STANIFORD/
DATE SIGNED:	09/29/2014
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, we, Kedar Shrikrishna Patwardhan and Scott Ogata 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 A CLOUD STORAGE PROVIDER TO SAFELY DEDUPLICATE ENCRYPTED BACKUP OBJECTS, the specification of which:

- ☒ [X] is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☐ [] was filed on _____ as U.S. Application No. _____;
- ☐ [] 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;

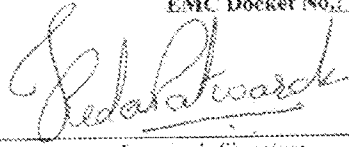
NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said 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:



Inventor's Signature

Date: 24th Sep 2014

Print full name of first inventor:

Residence:

Citizenship:

Mailing Address:

Kedar Shrikrishna Patwardhan

Plot no 16, Jeevan Chayya Soc, Paud Road

Pune, Maharashtra 411038, INDIA

India

Same as above

I Mangesh Nijsure (name) whose residential address is

Plot 461, Lane 1, Mahatma Hsb Soc, Kothrud, PUNE 411038 INDIA was personally present and did see Kedar Shrikrishna Patwardhan (name of person signing the assignment) who is personally known to me, execute the above assignment.

Mangesh Nijsure (signature of first witness)

Signed at Pune (location of witness signature)

on this day 24th September of 2014. (date of signature)

I Veeral P Shah (name) whose residential address is

23, Sanjay Residency, Baner Rd, Pashan, Pune-8, India was personally present and did see Kedar Shrikrishna Patwardhan (name of person signing the assignment) who is personally known to me, execute the above assignment.

V. Shah (signature of second witness)

Signed at Pune (location of witness signature)

on this day 24th September of 2014. (date of signature)

Date: SEPTEMBER 25, 2014

[Signature]
Inventor's Signature

Print full name of second inventor:

Scott Ogata

Residence:

24772 Eldamar Ave.
Lake Forest, CA 92630

Citizenship:

US

Mailing Address:

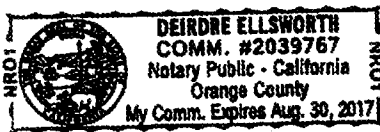
STATE OF
COUNTY OF

California
Orange

On this 25 day of September, 2014, before me appeared Scott Ogata 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]
Notary Public

Print Name: DEIRDRE ELLSWORTH

My Commission expires 8/30/17