

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3471649

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PRASHANT POGDE	07/09/2015
YAMINI ALLU	06/25/2015
MAHESH KAMAT	06/25/2015
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:	14788184
CORRESPONDENCE DATA	
Fax Number:	
<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:	(408) 720-8300
Email:	harleen_bains@bstz.com
Correspondent Name:	BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP
Address Line 1:	1279 OAKMEAD PARKWAY
Address Line 4:	SUNNYVALE, CALIFORNIA 94085
ATTORNEY DOCKET NUMBER:	6368P148
NAME OF SUBMITTER:	ABDUL S. ABDULLAHI
SIGNATURE:	/Abdul S. Abdullahi/
DATE SIGNED:	08/05/2015
Total Attachments: 5	
source=6368P148_Executed_Assignment#page1.tif	
source=6368P148_Executed_Assignment#page2.tif	
source=6368P148_Executed_Assignment#page3.tif	
source=6368P148_Executed_Assignment#page4.tif	

ASSIGNMENT

WHEREAS, we, **Prashant POGDE, Yamini ALLU and Mahesh KAMAT**, 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 ***SPARSE SEGMENT TREES FOR HIGH METADATA CHURN WORKLOADS***, 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 30, 2015 as U.S. Application No. 14/788,184 ;
- 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 parentheses (Application No. 14/788,184, June 30, 2015) 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: 07/09/2015

Prashant POGDE

Inventor's Signature

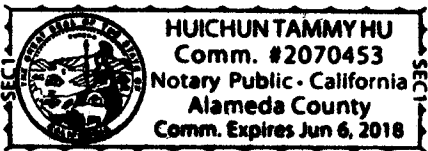
Print full name of inventor: **Prashant POGDE**
Residence: 704 Durshire Way
Sunnyvale, CA 94087
Citizenship: United States
Mailing Address: Same as above

STATE OF California
COUNTY OF Santa Clara

On this 9th day of July, 2015, before me appeared Prashant POGDE 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.



Tammy Huichun, Hu

Notary Public

Print Name: Tammy Huichun, Hu
My Commission expires 6/06/2018

Date: 06/25/2015

[Signature]
Inventor's Signature

Print full name of inventor: **Yamini ALLU**
Residence: 500 Mansion Court, Apt 314
Santa Clara, CA 95054
Citizenship: ~~United States~~ **India**
Mailing Address: Same as above *4/15/06/25/2015*

STATE OF California
COUNTY OF Santa Clara

On this 25th day of June, 2015, before me appeared Yamini Allu
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: Elise Coffey
My Commission expires / /



Date: 06/25/2015

[Signature]
Inventor's Signature

Print full name of inventor: **Mahesh KAMAT**
Residence: 2651 Turturici Way
San Jose, CA 95135
Citizenship: United States
Mailing Address: Same as above

STATE OF California
COUNTY OF Santa Clara

On this 25th day of June, 2015, before me appeared Mahesh kamat 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: Elise Coffey
My Commission expires / /

