

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6233550

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KEDAR PATWARDHAN	09/28/2015
ANAND GHATNEKAR	09/28/2015
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:	16984522
CORRESPONDENCE DATA	
Fax Number:	(801)328-1707
<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:	801-533-9800
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Address Line 2:	SUITE 1000
Address Line 4:	SALT LAKE CITY, UTAH 84111
ATTORNEY DOCKET NUMBER:	16192.159.1
NAME OF SUBMITTER:	CARL T REED
SIGNATURE:	/Carl T. Reed/
DATE SIGNED:	08/04/2020
Total Attachments: 4	
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source=16192-159-1_ParentAssignment#page2.tif	
source=16192-159-1_ParentAssignment#page3.tif	
source=16192-159-1_ParentAssignment#page4.tif	

ASSIGNMENT

WHEREAS, I/we, Kedar Patwardhan and Anand Ghatnekar 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 STORING DE-DUPPLICATED DATA WITH MINIMAL REFERENCE COUNTS, 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 _____ 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 me/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, I/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 me/us had this assignment and sale not been made; I/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. I/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, I/we hereby further agree for myself/ourselves and my/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, I/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, I/we have hereunto set my/our hands and affixed my/our seals as set forth below:

Date: 28 Sep. 2015

Kedar Patwardhan
Inventor's Signature

Print full name of first or sole inventor: **Kedar Patwardhan**
Residence: Irvine, CA
Citizenship: India
Mailing Address: 440, Quail Meadows
Irvine, CA 92603

STATE OF _____
COUNTY OF _____

On this _____ day of _____, 20____, before me 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.

Notary Public

Print Name: _____

My Commission expires ____ / ____ / ____

SEE CALIFORNIA
ACKNOWLEDGMENT ATTACHED
DATE 9/28/15 INTL DI

ACKNOWLEDGMENT

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 Orange

On September 28, 2015 before me, Philip Andrew Horn, Notary Public
(insert name and title of the officer)

personally appeared Kedar Shrikrishna Patwardhan,
who proved to me on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~~~(s)~~/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.

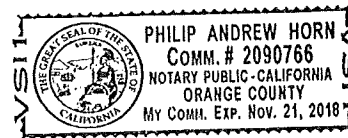
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

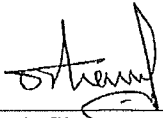
Signature

Phil Horn

(Seal)



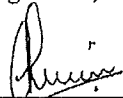
Date: 28 SEPTEMBER 2015


Inventor's Signature

Print full name of second inventor: **Anand Ghatnekar**
Residence: Pune, India
Citizenship: US
Mailing Address: 502 Kumar Privilege, 8 Boat Club Road
Pune, Maharashtra
411001 India

I ASHWINI MONI (name) whose residential address is
FLAT 28, SURAKSHA ENCLAVE, NAGRAS ROAD, AUNDH, PUNE-411004

was personally present and did see ANAND GHATNEKAR (name of person signing
the assignment) who is personally known to me, execute the above assignment.


(signature of first witness)

Signed at PUNE, INDIA (location of witness signature)

on this day 28th SEPTEMBER of 2015. (date of signature)

I MANGESH NIJASURE (name) whose residential address is
PLOT 461, LANE 1, MAHATMA HSG. SOC. KOTHRUD PUNE-38

was personally present and did see ANAND GHATNEKAR (name of person signing
the assignment) who is personally known to me, execute the above assignment.


(signature of second witness)

Signed at PUNE, INDIA (location of witness signature)

on this day 28th SEPTEMBER of 2015. (date of signature)