

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3932116

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEDAR SHRIKRISHNA PATWARDHAN	06/20/2016
MANGESH SUDHIR NIJASURE	06/22/2016
VEERAL SHAH	06/22/2016

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:	15190448

CORRESPONDENCE DATA

Fax Number: (303)740-6962
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.
Phone: 408-720-8300
Email: april_worley@bstz.com
Correspondent Name: EMC/BSTZ BLAKELY SOKOLOFF TAYLOR & ZAFMA
Address Line 1: 1279 OAKMEAD PARKWAY
Address Line 4: SUNNYVALE, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER:	6368P193
NAME OF SUBMITTER:	APRIL WORLEY
SIGNATURE:	/April Worley/
DATE SIGNED:	06/23/2016

Total Attachments: 6

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ASSIGNMENT

WHEREAS, we, Kedar Shrikrishna Patwardhan, Mangesh Sudhir Nijasure, and Veeral Shah, 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 ENHANCED FINGERPRINT COMPUTATION FOR DE-DUPLICATED DATA (Application), 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 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;

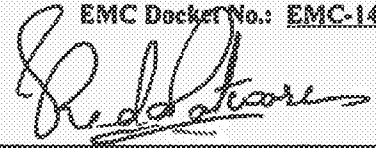
AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, 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 (_____) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

Date: th
20 June 2016



Inventor's Signature

Print full name of inventor:

Kedar Shrikrishna Patwardhan

Residence:

plot no 16, jeevan chayya soc, paud road

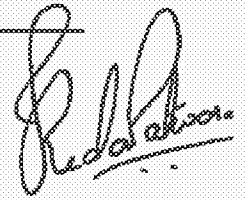
Pune, Maharashtra 411038

Citizenship:

India

Mailing Address:

Same as above



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.

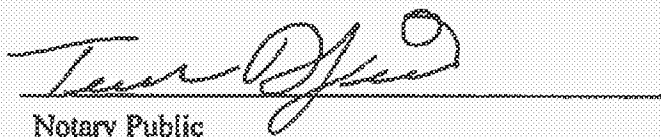
STATE OF _____
COUNTY OF _____

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.

SEE CALIFORNIA
ACKNOWLEDGMENT
DATE 6/20/16 INTL 7107



Notary Public

Print Name: Teresa D. Lewis

My Commission expires 10 1031 2018

Date: June 20, 2016

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

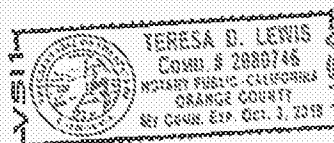
On June 20, 2016 before me, Teresa D. Lewis, Notary Public
(insert name and title of the officer)

personally appeared Kedar Patwardhan
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 Teresa D. Lewis (Seal)



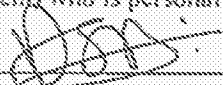
Date: 22nd JUNE 2016



Inventor's Signature

Print full name of inventor: Mangesh Sudhir Nijasure
Residence: 461, Lane 1, Mahatma Housing Society,
Kothrud Pune 411038
Citizenship: USA
Mailing Address: Same as above

I ATUL BAVADHANKAR (name) whose residential address is
ROW HOUSE NO. 17, KONARK CAMPUS COL., VITMAN NAGAR, PUNE
was personally present and did see MANGESH NIJASURE (name of person signing
the assignment) who is personally known to me, execute the above assignment. INDIA



(signature of first witness)

Signed at PUNE, INDIA (location of witness signature)

on this day 22nd JUNE of 2016. (date of signature)

I Prasad Dange (name) whose residential address is
A2, 504 Tejal Enclave, Baner, Pune - 411045, INDIA
was personally present and did see MANGESH NIJASURE (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 22nd JUNE of 2016. (date of signature)

Date: 22 Jun - 2016

Veeral Shah

Inventor's Signature

Print full name of inventor:

Veeral Shah

Residence:

33, Sanjay Residency, Baner Road,
Someshwar Wadi , Pashan Pune 8

Citizenship:

India

Mailing Address:

Same as above

I Anand Mitre (name) whose residential address is
S-701, Rowland Resi-2, Pimpri Chinchwad, Pune
was personally present and did see Veeral Shah (name of person signing
the assignment) who is personally known to me, execute the above assignment.

AMM (signature of first witness)

Signed at Pune (location of witness signature)

on this day 23rd of 20 16 (date of signature)

I Sandeep Joshi (name) whose residential address is
B-2/1, Yagnyog Society, SNo 624, Biburwadi,
was personally present and did see veeral Shah (name of person signing
the assignment) who is personally known to me, execute the above assignment.

S. Joshi (signature of second witness)

Signed at Pune (location of witness signature)

on this day 23rd of 20 16 (date of signature)