

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4657384

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAMPRASAD CHINTHEKINDI	10/17/2017
SHAH VEERAL	10/23/2017
ABHINAV DUGGAL	10/24/2017
RECEIVING PARTY DATA	
Name:	EMC IP HOLDING COMPANY LLC
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15727010
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ATTORNEY DOCKET NUMBER:	10145P099
NAME OF SUBMITTER:	KEVIN G. SHAO
SIGNATURE:	/Kevin G. Shao/
DATE SIGNED:	10/25/2017
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, we, Ramprasad Chinthekindi, Shal Veeral, Abhinav Duggal, 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 FOCUSED SANITATION PROCESS FOR DEDUPLICATED STORAGE SYSTEMS (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 October 6, 2017 as U.S. Application No. 15/727,010;

☐ was patented under U.S. Patent No. _____ on _____.

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited liability company 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 IP Holding Company LLC, to insert here in parentheses (15/727,010) 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:

10/19/2017

Ramprasad

Inventor's Signature

Print full name of first inventor:

Ramprasad Chinthekindi

Residence:

4312 Albany Drive, Apt. M171
San Jose, CA
95129

Citizenship:

India

Mailing Address:

Same as above

I Hananth Satyanarayana (name) whose residential address is 121, SARATOGA AVENUE, APT 231, SANTA CLARA, CA, 95051 was personally present and did see Ramprasad Chinthekindi (name of person signing the assignment) who is personally known to me, execute the above assignment.

Hananth

(signature of first witness)

Signed at SANTA CLARA (location of witness signature)

on this day 10/16 of 2017 (date of signature)

I KALINA RAMANUJAN (name) whose residential address is 4240 APT 605, ALBANY DRIVE, SAN JOSE - CA - 95129 was personally present and did see Ramprasad Chinthekindi (name of person signing the assignment) who is personally known to me, execute the above assignment.

Kalina

(signature of second witness)

Signed at SANTA CLARA (location of witness signature)

on this day 10/16 of 2017 (date of signature)

Date: 23/10/2017

Shah

Inventor's Signature

Print full name of first inventor:

Shah Veeral

Residence:

33, Sanjay Residency, Baner Road
Somenwar Wadi, Pashan,
Pune 2

Citizenship:

Indian

Mailing Address:

Same as above

I, Mukul Kedare (name) whose residential address is
F1-201 HARIKARAN SOCIETY, YERWADA PUNE-411006, was personally
present and did see Shah Veeral (name of person signing the assignment) who is personally known to me, execute
the above assignment.

Mukul Kedare

(signature of first witness)

Signed at Pune (location of witness signature)

on this day 23rd Oct of 20 17 (date of signature)

I, Hemant Bhanawat (name) whose residential address is
D-604, Park Express, Pooni Baleswadi Road, Pune was personally
present and did see Shah Veeral (name of person signing the assignment) who is personally known to me, execute
the above assignment.

Hemant Bhanawat

(signature of second witness)

Signed at Pune (location of witness signature)

on this day 23rd Oct of 20 17 (date of signature)

Date:

10/24/17


Inventor's Signature

Abhinav Duggal

Print full name of first inventor:

Residence:

592 Mill Creek Lane
Apt. 211
Santa Clara, CA
95054

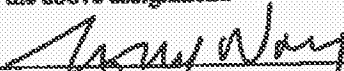
Citizenship:

India

Mailing Address:

Same as above

I Tony Wong (name) whose residential address is 208 SILVERLAKE DRIVE, MILPITAS CA 95035 was personally present and did see Abhinav Duggal (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of first witness)

Signed at Santa Clara (location of witness signature)

on this day 10/23 of 2017 (date of signature)

I KALIDAS RAMANUJAN (name) whose residential address is 4240 KILBURN DR, Santa Jose CA 95129 was personally present and did see Abhinav Duggal (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of second witness)

Signed at Santa Clara (location of witness signature)

on this day 10/23 of 2017 (date of signature)