

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4935768

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|---|----------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT             |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                 |
| <b>CONVEYING PARTY DATA</b>   |                            |
| <b>Name</b>   | <b>Execution Date</b>      |
| TUSHAR DETHE  | 04/10/2018                 |
| SHUBHASHISH MALLIK  | 04/10/2018                 |
| <b>RECEIVING PARTY DATA</b>   |                            |
| <b>Name:</b>  | EMC IP HOLDING COMPANY LLC |
| <b>Street Address:</b>  | 176 SOUTH STREET           |
| <b>City:</b>  | HOPKINTON                  |
| <b>State/Country:</b>   | MASSACHUSETTS              |
| <b>Postal Code:</b>   | 01748                      |
| <b>PROPERTY NUMBERS Total: 1</b>  |                            |
| <b>Property Type</b>  | <b>Number</b>              |
| <b>Application Number:</b>  | 15964545                   |
| <b>CORRESPONDENCE DATA</b>  |                            |
| <b>Fax Number:</b>  | (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> |                            |
| <b>Phone:</b>   | 801-533-9800               |
| <b>Email:</b>   | mdunaway@wnlaw.com         |
| <b>Correspondent Name:</b>  | WORKMAN NYDEGGER           |
| <b>Address Line 1:</b>  | 60 EAST SOUTH TEMPLE       |
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| <b>Address Line 4:</b>  | SALT LAKE CITY, UTAH 84111 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 16192.204                  |
| <b>NAME OF SUBMITTER:</b>   | CARL T. REED               |
| <b>SIGNATURE:</b>   | /Carl T. Reed/             |
| <b>DATE SIGNED:</b>   | 04/27/2018                 |
| <b>Total Attachments: 4</b>   |                            |
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| source=16192-204_Executed-Assignment#page2.tif  |                            |
| source=16192-204_Executed-Assignment#page3.tif  |                            |
| source=16192-204_Executed-Assignment#page4.tif  |                            |

ASSIGNMENT

WHEREAS, I/we, Tushar Dethle and Shubhashish Mallik 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 PROTECTING AND IDENTIFYING VIRTUAL MACHINES THAT HAVE THE SAME NAME IN A MULTI-TENANT DISTRIBUTED ENVIRONMENT, 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. \_\_\_\_\_;

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Delaware 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;

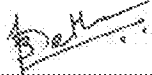
AND, I/we hereby further agree for myself/ourselves and my/our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns 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;

PATENT Assignment  
EMC Docket No.: 110297.01  
Atty Docket No.: 16192.204

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: 10<sup>th</sup> April 2018

  
Inventor's Signature

Print full name of inventor:

Tushar Dethe

Residence:

Bangalore, India

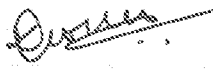
Citizenship:

India

Mailing Address:

Flat no. 402, Vibha Enclave  
18, Anugraha Layout, Near Reliance fres  
B Narayanapura, Mahadevpura Extension  
Bangalore, India 560016

I Karthik Jayadevareddy (name) whose residential address is  
Mahadevapura, Bangalore  
was personally present and did see Tushar Dethe (name of person signing the  
assignment) who is personally known to me, execute the above assignment.

  
..... (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 10<sup>th</sup> April of 2018. (date of signature)

I RINTU KANP (name) whose residential address is  
202, E HOME S, KASAVANAHALLI, BANGALORE - 560035  
was personally present and did see TUSHAR DETHE (name of person signing the  
assignment) who is personally known to me, execute the above assignment.

  
..... (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 10<sup>th</sup> April of 2018. (date of signature)

Date: 10 April 2018

S. Mallik  
Inventor's Signature

Print full name of inventor: **Shubhashish Mallik**  
Residence: **Bangalore, India**  
Citizenship: **India**  
Mailing Address: **House No. F-2, 4th Floor  
R.K.M. Mansion  
T C Palya Main Road, K R Puram  
Bangalore, India 560036**

I Karthik Jayadevaroddy (name) whose residential address is  
Mahadevapura, Bangalore  
was personally present and did see Shubhashish Mallik (name of person signing the  
assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)  
Signed at Bangalore (location of witness signature)  
on this day 10<sup>th</sup> April of 20 18. (date of signature)

I RINTU KANP (name) whose residential address is  
202, E HOMES, KASAVANAHALLI, BANGALORE - 560035  
was personally present and did see SHUBHASHISH MALLIK (name of person signing the  
assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)  
Signed at Bangalore (location of witness signature)  
on this day 10<sup>th</sup> April of 20 18. (date of signature)