

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5163285

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHELESH CHOPRA	09/21/2018
MOHAMMED ABDUL SAMAD	09/24/2018
GURURAJ KULKARNI	09/24/2018
MAHIPAT KULKARNI	09/24/2018
PAVANKUMAR ATI	09/24/2018
<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>
Application Number:	16143369
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	paula.hardilek@chamberlainlaw.com
<b>Correspondent Name:</b>	PAULA HARDILEK
<b>Address Line 1:</b>	1200 SMITH ST., 14TH FLOOR
<b>Address Line 4:</b>	HOUSTON, TEXAS 77002
<b>ATTORNEY DOCKET NUMBER:</b>	170360-025800US
<b>NAME OF SUBMITTER:</b>	ALY Z. DOSSA
<b>SIGNATURE:</b>	/Aly Z. Dossa/
<b>DATE SIGNED:</b>	09/27/2018
<b>Total Attachments: 7</b>	
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ASSIGNMENT

WHEREAS, we, Shelesh Chopra, Mohammed Abdul Samad, Gururaj Kulkarni, Mahipat Kulkarni, and Pavankumar Ati, 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 SYSTEM AND METHOD FOR VIRTUAL MACHINE RESOURCE TAGGING, 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 IP Holding Company LLC (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;

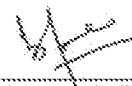
AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives,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

**IN TESTIMONY WHEREOF**, we have hereunto set our hands and affixed our seals as set forth below:

Date: 9/21/2018

  
Inventor's Signature

Print full name of first inventor: **Shelesh CHOPRA**  
Residence: **Bangalore, India**  
Citizenship: **India**  
Mailing Address: **c/o EMC IP Holding Company LLC  
176 South Street  
Hopkinton, MA 01748**

I CHIKKAM SATYAM (name) whose residential address is 2001P, 15th CB, 100TH, B.T.D. Layout, Bangalore was personally present and did see SHELESH CHOPRA (name of person signing the assignment) who is personally known to me, execute the above assignment.

Dr. Satyam (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 21<sup>st</sup> September of 2018. (date of signature)

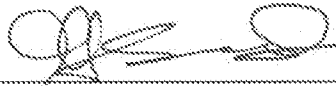
I CHETAN KADEKOPPA (name) whose residential address is #66, RHACS Layout, 2nd main, B.T.H. 2nd Stage, Bangalore - 560076 was personally present and did see SHELESH CHOPRA (name of person signing the assignment) who is personally known to me, execute the above assignment.

Chetan (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 21<sup>st</sup> September of 2018. (date of signature)

Date: 24<sup>th</sup> Sep 2018



Inventor's Signature

Print full name of second inventor: **Mohammed Abdul SAMAD**  
Residence: **Bangalore, India**  
Citizenship: **India**  
Mailing Address: **c/o EMC IP Holding Company LLC  
176 South Street  
Hopkinton, MA 01748**

I CHETAN SATHYAN (name) whose residential address is 2001A, 15<sup>th</sup> Cross, 6<sup>th</sup> main, R.T. 7 layout, Bangalore was personally present and did see Mohammed Abdul Samad (name of person signing the assignment) who is personally known to me, execute the above assignment.

M. Sathyan (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 24 September of 20 18 (date of signature)

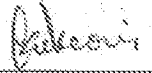
I CHETAN KADEKOTIA (name) whose residential address is #66, BRCS layout, 2<sup>nd</sup> main, BTM 2<sup>nd</sup> Stage, Bangalore - 560076 was personally present and did see MOHAMMED ABDUL SAMAD (name of person signing the assignment) who is personally known to me, execute the above assignment.

Chetan (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 24<sup>th</sup> September of 20 18 (date of signature)

Date: 24<sup>th</sup> Sept 2018



Inventor's Signature

Print full name of third inventor: Gururaj KULKARNI  
Residence: Bangalore, India  
Citizenship: India  
Mailing Address: c/o EMC IP Holding Company LLC  
176 South Street  
Hopkinton, MA 01748

I CHETAN KADKODIA (name) whose residential address is #66, BHGS LAYOUT, 2<sup>nd</sup> main, BTM 2<sup>nd</sup> Stage, Bangalore - 560076 was personally present and did see GURURAJ KULKARNI (name of person signing the assignment) who is personally known to me, execute the above assignment.

Chetan (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 24<sup>th</sup> September of 20 18, (date of signature)

I PRARUBA DEHARVA (name) whose residential address is #52, 1<sup>st</sup> main, 4<sup>th</sup> cross, MSR Nagar, DLPC-54 was personally present and did see GURURAJ KULKARNI (name of person signing the assignment) who is personally known to me, execute the above assignment.

Praruba (signature of second witness)

Signed at BANGALORE (location of witness signature)

on this day 24<sup>th</sup> September of 20 18, (date of signature)

Date: 24/09/2018

Mahipat Kulkarni  
Inventor's Signature

Print full name of fourth inventor: **Mahipat KULKARNI**  
Residence: Bangalore, India  
Citizenship: India  
Mailing Address: c/o EMC IP Holding Company LLC  
176 South Street  
Hopkinton, MA 01748

I CHETAN KADEKOPPA (name) whose residential address is #66, BHCS Layout, 2<sup>nd</sup> main, BTM 2<sup>nd</sup> Stage, Bangalore - 560076 was personally present and did see MAHIPAT KULKARNI (name of person signing the assignment) who is personally known to me, execute the above assignment.

Chetan (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 24<sup>th</sup> September of 2018. (date of signature)

I PRAKASH DEWARAJA (name) whose residential address is #52, 1<sup>st</sup> main, UL CROSS MSR NAGAR B/Lore-54 was personally present and did see MAHIPAT KULKARNI (name of person signing the assignment) who is personally known to me, execute the above assignment.

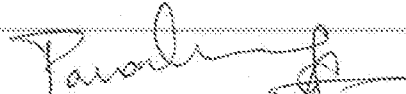
[Signature] (signature of second witness)

Signed at BANGALORE (location of witness signature)

on this day 24<sup>th</sup> SEPTEMBER of 2018. (date of signature)



Date: 24/09/2018

  
Inventor's Signature

Print full name of fifth inventor: Pavankumar ATI  
Residence: Bangalore, India  
Citizenship: India  
Mailing Address: c/o EMC IP Holding Company LLC  
176 South Street  
Hopkinton, MA 01748


ICHETAN KADEKOPPA (name) whose residential address is  
#66, RHBCS Layout, 2nd main, BTM 2nd Stage Bangalore - 560076  
was personally present and did see PAVANKUMAR ATI (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 24<sup>th</sup> September of 20 18, (date of signature)

1 PRAKASH ACHARJYO (name) whose residential address is  
#52 1st main 4th cross MCK NAGAR #100E-54  
was personally present and did see PAVANKUMAR ATI (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 24<sup>th</sup> SEPTEMBER of 20 18, (date of signature)