503266951 04/16/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TUSHAR DETHE	04/16/2015
SUNIL YADAV	04/16/2015
SOUMEN ACHARYA	04/16/2015
ANUPAM CHAKRABORTY	04/16/2015

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:	14674066

CORRESPONDENCE DATA

Fax Number: (415)705-6383

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.

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Correspondent Name: TODD A. NOAH

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NAME OF SUBMITTER:	TODD A. NOAH
SIGNATURE:	/Todd A. Noah/
DATE SIGNED:	04/16/2015

Total Attachments: 5

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PATENT REEL: 035425 FRAME: 0362

ASSIGNMENT

WHEREAS, we, <u>Tushar Dethe. Sunil Yadav. Soumen Acharya and Anupam</u>
Chakraborty 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 <u>IDENTIFYING VIRTUAL MACHINES AND ERRORS FOR SNAPSHOTS</u>, the specification of which:

[]	is being executed on even date herewith and is about to be filed in the United States Patent Office;
[X]	was filed on March 31, 2015 as U.S. Application No. 14/674.066;
[]	was patented under U.S. Patent Noon

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.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below: Tushar Dethe Print full name of first inventor: Residence: Flat no. 402, Vibha Enclave, B Narayanpura, Bangalore, 560048, India Citizenship: India Mailing Address: Same as above 1 SHU BHASHISH Mullik (name) whose residential address is 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) (signature of first witness)

Signed at Barefalore (location of witness signature)

on this 16 day of April 20 15 (date of signature) 1 Kintu Kumay Kany (name) whose residential address is was personally present and did see Tushay Dethe (name of person signing the assignment) who is personally known to me, execute the above assignment. (signature of first witness)

Signed at Barcelore (location of witness signature)

on this 16 day of 2015 (date of signature)

Date: 16/04/2015	By: Inventor's Signature
Print full name of second inventor:	Sunil Yadav
Residence:	Mahaveer Varna, T-34, Block-A1, Karnataka, Bangalore, 560067, India
Citizenship:	India
Mailing Address:	Same as above
I Shubbashist mallik	(name) whose residential address is LR Putam
was personally present and did see Sunil	Yadev (name of person signing
the assignment) who is personally known to n	ne, execute the above assignment. (signature of first witness)
1 Kintin Kumar Kany Bellander	
was personally present and did see Sumil	Yadau (name of person signing
the assignment) who is personally known to m	•
	(signature of first witness)
Signed at Bangalore	(location of witness signature)
on this 16 day of Arcil 2013	date of signature)

Date: 16/04/2015	By: Soumen Acharye Inventor's Signature
Print full name of third inventor:	Soumen Acharya
Residence:	Flat-304, G.V. Residency, Venkateswara Layout, Mahadevpura, Bangalore, 560049,
Citizenship:	India India
Mailing Address:	Same as above
I Shubbashish Mallik	(name) whose residential address is KR Ruram
was personally present and did see Sourm	en Acharya (name of person signing
the assignment) who is personally known to	me, execute the above assignment.
Signed at Bongulare on this 16 day of April 2015	(signature of first witness)
Signed at Bongalore	(location of witness signature)
on this 16 day of April 2015	(date of signature)
1 Rintu Kumar Kanp Bellandeur	(name) whose residential address is
was personally present and did see Sow	men Acharya (name of person signing
the assignment) who is personally known to	\ 1
To be	(signature of first witness)
Signed at Bangalore	(location of witness signature)
on this 16 day of April 2015	(date of signature)

Date: 16/04/2015	By: Annsam Cheknasarty Inventor's Signature
Print full name of fourth inventor:	Anupam Chakraborty
Residence:	Q-801, Purva FountainSquare, Marathahalli, Bangalore, 560037, India
Citizenship:	India
Mailing Address:	Same as above
I_Shulihoshin mallik	(name) whose residential address is K. R. Rutam
was personally present and did see Aruferm	Chakraborty (name of person signing
the assignment) who is personally known to me	3
(s	ignature of first witness)
Signed at <u>Banqulare</u> (lo	ocation of witness signature)
Signed at <u>Bangulore</u> (lo on this 16 day of April 2015 (d	ate of signature)
1 Kintu Kumar Kanyo Bellander	(name) whose residential address is
was personally present and did see Anufa	m cha Krahustz (name of nerson signing
the assignment) who is personally known to me	
	ignature of first witness)
Signed at Bangalone (loon this 16 day of Abril 20 11 (d.	ate of signature)