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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATHYAMOORTHY VISWANATHAN	06/24/2015
KISHORE KUMAR	06/24/2015
AJITH GOPINATH	06/24/2015

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:	15619147

CORRESPONDENCE DATA

Fax Number: (408)973-2595

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: 4089732585

Email: enguyen@ip-patent.com

VAN PELT, YI & JAMES LLP AND EMC IP HOLDING COMPA **Correspondent Name:**

Address Line 1: 10050 N. FOOTHILL BLVD.

Address Line 2: SUITE 200

Address Line 4: CUPERTINO, CALIFORNIA 95014

ATTORNEY DOCKET NUMBER:	EMCCP489C1
NAME OF SUBMITTER:	DANIEL M. SCHNEIDER
SIGNATURE:	/Daniel M. Schneider/
DATE SIGNED:	06/09/2017

Total Attachments: 5

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PATENT REEL: 042666 FRAME: 0501

ASSIGNMENT

WHEREAS, we, Sathyamoorthy Viswanathan, Kishore Kumar, and Ajith Gopinath 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 *UNIFIED PROTECTION OF CLUSTER SUITE*, the specification of which:

[X]	is being executed on even date herewith and is about to be filed in the United States Patent Office;	
[]	was filed onas U.S. Application No;	
[]	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:

-2-

Date: 24-DUNE - 2015	
	Inventor's Signature
Print full name of first inventor:	Sathyamoorthy Viswanathan
Residence:	Tamii Nadu, India
Citizenship:	India
Mailing Address:	176 South Street
•	Hopkinton, MA 01748
inanger of 20 h	ation of witness signature)
I Earl Roclas (na 809 Dafford, U., Brid Coll Rods present and did see <u>Caldyartogs 444</u> x known to me, execute the above assignment.	me) whose residential address is <u>poppolished assignment</u> was personally (name of person signing the assignment) who is personally
	ature of second witness)
Signed at RANGALOX E	(location of witness signature)
on this day 2 to 3 mail 6 of 20 m	(date of signature)

发,上入场
Inventor's Signature
Kishore Kumar
Bangalore, India
India
176 South Street
Hopkinton, MA 01748
whose residential address is STAGE BLORE J Was personally (name of person signing the assignment) who is personally e of first witness) n of witness signature) date of signature)
whose residential address is Straightful E 1.050-37 was personally (name of person signing the assignment) who is personally
e of second witness)
(location of witness signature)

Date:	24 m_ June - 2015	
		Inventor's Signature
Print fu	ll name of third inventor:	Ajith Gopinath
Resident	ee:	Bangalore, India
Citizensi	ilp:	India
Mailing .	Address:	176 South Street
		Hopkinton, MA 01748
known a	THE A MAIN. TO DISTRIBUTE A MAIN. TO DE LANGE A LORE BY TUNE DUTTE OF THE ORIGINAL OF THE ORIG	(signature of first witness) _(location of witness signature)
I <u>LA</u> 009 present a known tr	rd Kwird AR , TiAFF ODIL , Ridd Leo nd did sec <u>AIII A OTI</u> i me, execute the above assignmen	(name) whose residential address is <u>1. Read Dodd hak are1, Rhowe - 33</u> was personally <u>1.AT+1</u> (name of person signing the assignment) who is personally nt.
.5'X'a	Asserted	(signature of second witness)
Signed a	BANGALORE	(location of witness signature)
on this d	ay 24 Marie o	F20 (Cdate of signature)