PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHELESH CHOPRA	12/17/2014
MEGHANA YELEDHALLI	12/17/2014
ANANDAN RANGASWAMY	12/17/2014

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:	14576060

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.

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Correspondent Name: VAN PELT, YI & JAMES LLP Address Line 1: 10050 N. FOOTHILL BLVD.

Address Line 2: SUITE 200

Address Line 4: CUPERTINO, CALIFORNIA 95014

ATTORNEY DOCKET NUMBER:	EMCCP459
NAME OF SUBMITTER:	CHRISTOPHER C. TAN
SIGNATURE:	/Christopher C. Tan/
DATE SIGNED:	12/18/2014

Total Attachments: 4

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PATENT

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ASSIGNMENT

WHEREAS, we, Shelesh Chopra, Meghana Yeledhalli and Anandan Rangaswamy 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 DYNAMIC STAGING MODEL, the specification of which:

[X]	States Patent Office;	rewith and is about to be filed in the United	
[]	was filed on	as U.S. Application No;	
[]	was patented under U.S. Patent N	o	
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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,

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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: 17-12-2014	1 sper
	Inventor's Signature
Dist Ciliana Continuation	Obstack Charge
Print full name of first inventor:	Shelesh Chopra
Residence:	Bangalore, India
Citizenship:	India
Mailing Address:	176 South Street
	Hopkinton, MA 01748
1 MAHIPATKULKARNÍ #208/B, TUM CROWD, 4+	(name) whose residential address is h alock Rajay Imagan was CH CHOPAA (name of person signing the assignment)
personally present and did see SHE 2 who is personally known to me, execut	ECH CHOPAA (name of person signing the assignment) e the above assignment.
Malipaton	(signature of first witness)
Signed at BANGALORE	
on this day 17th Dec	of 20 <u>14</u> . (date of signature)
1 PREETI SHARMA	(name) whose residential address is BTM 2 nd STAGE, BANGA LORE - 560076 was
personally present and did see SHEZE who is personally known to me, execut	SH CHOPRA (name of person signing the assignment
Priet.	(signature of second witness)
Signed at BANGALORE	(location of witness signature)
on this day 17th DEC	of 20 <u>14</u> . (date of signature)

Date: 17-12-2014	Meshanas
	Inventor's Signature
Print full name of second inventor:	Meghana Yeledhalli
Residence:	Bangalore, India
Citizenship:	India
Mailing Address:	176 South Street
	Hopkinton, MA 01748
Malpark (signal Signed at BANGALORE (local on this day 14th Dec of 2014	ature of first witness) ation of witness signature) 1. (date of signature)
I PREET SHARMA (nam #24, 3 ^{8d} R (ROSS, 18 th MAIN, BTH personally present and did see MEGHANA YEL who is personally known to me, execute the above	ne) whose residential address is 2 nd STAGE, BANGALORE - 560076 was EDHALLI (name of person signing the assignment) we assignment.
(signal	ature of second witness)
Signed at BANGALORE	(location of witness signature)
on this day 17 th DEC of 2014	. (date of signature)

Date: 17/12/2014	R. Anada.
	Inventor's Signature
Print full name of third inventor:	Anandan Rangaswamy
Residence:	Bangalore, India
Citizenship:	India
Mailing Address:	176 South Street
	Hopkinton, MA 01748
the is personally known to me, exceute the above	ture of first witness)
who is personally known to me, execute the abov	ne) whose residential address is 2 wd STAGE, BANGALORE - SG0016 was 1GASWAMY (name of person signing the assignment) 1e assignment. 1ture of second witness)
Signed at BANGALORE	(Iocation of witness signature)
on this day 17th DEC of 2014	. (date of signature)

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RECORDED: 12/18/2014