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PATENT ASSIGNMENT COVER SHEET

NEW ASSIGNMENT

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SUBMISSION TYPE:

EPAS ID: PAT2723810

NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY DATA							
		Name		Execution Date			
VIJAY MADHAVAP	EDDI			12/17/2013			
RECEIVING PARTY DATA							
Name:	EMC Corporat	EMC Corporation					
Street Address:	176 South Stre	176 South Street					
City:	Hopkinton	Hopkinton					
State/Country:	MASSACHUS	MASSACHUSETTS					
Postal Code:	01748	01748					
PROPERTY NUMBERS Total: 1							
Property Type			Number				
Application Number:		14133371					

CORRESPONDENCE DATA

 Fax Number:
 (408)720-8383

 Phone:
 408-720-8300

 Email:
 andy_radke@bstz.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Address Line 1: 1279 OAKMEAD PARKWAY

Address Line 4: SUNNYVALE, CALIFORNIA 94085

ATTORNEY DOCKET NUMBER:	6368P091
NAME OF SUBMITTER:	KEVIN G. SHAO
Signature:	/Kevin G. Shao/
Date:	02/12/2014

Total Attachments: 2

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PATENT REEL: 032201 FRAME: 0293

ASSIGI	NMENT OF PATENT APPLICATION	Attorney Docket No.: 6368P091
	For good and valuable consideration, the receipt a	and sufficiency of which is hereby
acknov	vledged, I/we, the undersigned, <u>Vijay Madhavape</u>	eddi
		,
hereby	sell, assign, and transfer to <u>EMC CORPORATIO</u>	ON
a cor	poration	of Delaware ,
(Type of	<pre>poration Assignee: e.g., corporation, company, partnership, university</pre>	y, etc.)
having	a principal place of business at 176 SOUTH STRE	EET, HOPKINTON, MA 01748
		,
for the are dise the nor	nee"), and its successors, assigns, and legal repre United States and all foreign countries, in and to ar closed in the application (provisional or non-provision- provisional application may have a declaration ex- rently herewith and which application (provisional o	iny and all inventions or improvements that ional) for the United States patent which for ecuted by the undersigned prior hereto or
	METHODS AND APPARATUS FOR DAT	TA LIFECYCLE ANALYSIS,
said pa	atent application also identified as follows (when kno	own):
	[I/we hereby authorize an attorney or agent for sai number and filing date of said patent application w	
United	States Patent Application Number 14/133,371	filed12/18/2013,
provision applica applica applica patent any of several and foreign approving the control of the	and to said application (provisional or non-provision onal applications, utility applications, design applications, continued prosecution applications, continual ations, renewal applications, reissue applications, reapplications that have been or shall be filed in the Usaid inventions or improvements; and in and to all chination certificates, and extensions, that have been ign countries on said inventions or improvements; are filing of said United States application;	ations, divisional applications, continuation ation-in-part applications, substitute eexaminations, extensions, and all other United States and all foreign countries on original patents, reissued patents, n or shall be issued in the United States and
said As and pu	agree that said Assignee may apply for and receive ements in its own name; and that, when requested, ssignee, its successors, assigns, and legal represer rpose of this Assignment, the undersigned will execonal applications, utility applications, design applica	I, without charge to, but at the expense of, entatives, to carry out in good faith the intent ecute all provisional applications, non-

improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents

- 1 - Rev. 1/08/2010

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives: and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Date M. Vijan Charde.

Signature

Vijay Madhavapeddi

Printed/Typed Name

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300