PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OWEN MARTIN	09/25/2013
SACHIN MORE	09/25/2013

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:	14612681

CORRESPONDENCE DATA

Fax Number:

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: MUIRHEAD AND SATURNELLI, LLC
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ATTORNEY DOCKET NUMBER:	EMS-527USCON1	
NAME OF SUBMITTER:	ANNE E. SATURNELLI	
SIGNATURE:	/Anne E. Saturnelli/	
DATE SIGNED:	02/03/2015	

Total Attachments: 3

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PATENT 503163153 REEL: 034876 FRAME: 0301

Attorney Docket No.: EMS-527US CON1 EMC Docket No.: EMC-13-0022 CON

ASSIGNMENT

WHEREAS, we, Owen MARTIN and Sachin MORE 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 TECHNIQUES FOR STORING DATA, the specification of which:

[X]	is being executed on	even date herew	ith and is abour	t to be filed	in the	United
	States Patent Office;					
[]	was filed on	as U.S	. Application N	Vo		ś
[]	was patented under (J.S. Patent No		on		•

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;

Attorney Docket No.: EMS-527US EMC Docket No.: EMC-13-0022

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. AND, we hereby authorize attorneys of Muirhead and Saturnelli, LLC to insert here in parenthesis (14/612,681 filed February 3, 2015) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment. IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below: Inventor's Signature Owen MARTIN Print full name of first inventor: Residence: 6 Tammie Road Hopedale, MA 01747 Citizenship: U.S. Mailing Address: Same COMMONWEALTH OF MASSACHUSETTS COUNTY OF Middle Sex On this 25 day of September, 2013, then personally appeared before me the abovenamed Owen MARTIN known to me through satisfactory evidence of identification

[__] employee identification card; [__/] driver's license; [__] (other) to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained. Notary Public
Print Name: Linda N. Valanzola My Commission expires: LINDA M. VALANZOLA Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires

February 13, 2015

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AND, we do hereby authorize and request the Commissioner of Patents of the United

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Date: $9/25/2013$	4///
	Inventor's Signature
Print full name of second inventor:	Sachin MORE
Residence:	141 Howard Street
	Northborough, MA 01532
Citizenship:	India
Mailing Address:	Same
named Sachin MORE known to me through [] employee identification card; [] driver to be the person whose name	
	Lut m. Valanzole
	Notary Public
	Print Name: Linda M. Valanda
	My Commission expires:
	LINDA M. VALANZOLA Notary Politic COMMONWEALTH OF MASSACHUSETTS My Commission Expires February 13, 2015

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PATENT REEL: 034876 FRAME: 0304