## 503850310 06/01/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3896959

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
OWEN MARTIN	06/27/2014

### **RECEIVING PARTY DATA**

Name:	EMC CORPORATION	
Street Address:	treet Address: 176 SOUTH STREET	
City:	ity: HOPKINTON	
State/Country:	ate/Country: MASSACHUSETTS	
Postal Code:	01748	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15169882

### **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 Address Line 1: 200 FRIBERG PARKWAY, SUITE 1001

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ATTORNEY DOCKET NUMBER: EMS-545USCON1	
NAME OF SUBMITTER: ANNE E. SATURNELLI	
SIGNATURE: /Anne E. Saturnelli/	
<b>DATE SIGNED:</b> 06/01/2016	

**Total Attachments: 2** 

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PATENT 503850310 REEL: 038760 FRAME: 0414

Attorney Docket No.: EMS-545US EMC Docket No.: EMC-13-1050

#### ASSIGNMENT

WHEREAS, I, Owen MARTIN, 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 SELECTING WRITE ENDURANCE CLASSIFICATION OF FLASH STORAGE BASED ON READ-WRITE MIXTURE OF I/O WORKLOAD:

[X]	is being executed on even date herewith and is about to be filed in the U States Patent Office;	nited
[]	was filed on as 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 me;

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. I 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; I 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. I 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, I hereby further agree for myself and my 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

Attorney Docket No.: EMS-545US EMC Docket No.: EMC-13-1050

giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I 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. a af Mairband and Cotumalli FIC to insert here is

parenthesis (15/169,882 filed June 1, 2016	Muirhead and Saturnelli, LLC to insert here in) the application number and		
filing date of said Application (or foreign counterpart application) to facilitate the recording or			
other official processing of this Assignment.			
	e hereunto set my hand and affixed my seal as set		
forth below: 6 /2 7/14	O:AA		
Date: 6/27/14			
	Inventor's Signature		
Print full name of first inventor:	Owen MARTIN		
Residence:	6 Tammie Road		
	Hopedale, MA 01747		
Citizenship:	U.S.A.		
Mailing Address:	Same		
STATE OF <u>Massochuse</u> HS COUNTY OF <u>Middlesex</u>			
On this 27 day of June, 2014, then personally appeared before me the above-named Owen MARTIN known to me through satisfactory evidence of identification [_] employee identification card; [v] driver's license; [_] (other)			
	Notary Public		
	Print Name: Linda M. Valanzula		
	My Commission expires:		
LINDA M. VALANZOLA  Notery Public  COMMONWEALTH OF MASSACHUSETTS			

My Commission Expires -**2** ebruary 13, 2015

**PATENT** 

**REEL: 038760 FRAME: 0416**