

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ao Ma</td> <td>09/19/2013</td> </tr> <tr> <td>Windsor W. Hsu</td> <td>09/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ao Ma	09/19/2013	Windsor W. Hsu	09/18/2013
Name	Execution Date						
Ao Ma	09/19/2013						
Windsor W. Hsu	09/18/2013						
RECEIVING PARTY DATA							
Name:	EMC Corporation						
Street Address:	176 South Street						
City:	Hopkinton						
State/Country:	MASSACHUSETTS						
Postal Code:	01748						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14037202</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14037202		
Property Type	Number						
Application Number:	14037202						
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NAME OF SUBMITTER:	Kevin G. Shao						
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Date:	09/27/2013						
Total Attachments: 3 source=6368P0077F Assignment signed#page1.tif source=6368P0077F Assignment signed#page2.tif source=6368P0077F Assignment signed#page3.tif							

CH \$40.00 14037202

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 6368P077F

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Ao Ma and Windsor W. Hsu

hereby sell, assign, and transfer to EMC CORPORATION

a corporation of Delaware,
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 176 SOUTH STREET, HOPKINTON, MA 01748

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

SYSTEM AND METHOD FOR PREDICTING SINGLE-DISK FAILURES,
said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

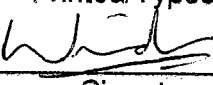
United States Patent Application Number 14/037,202 filed 09/25/2013,

and in and to said application (provisional or non-provisional) and 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 that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or 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 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:

_____ , 20____ Date	_____ Signature
	_____ Ao Ma Printed/Typed Name
9/18 , 20 13 Date	 _____ Signature
	_____ Windsor W. Hsu Printed/Typed Name

Assignment Document Return Address:
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