

## 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>ANDREW J. TOMLIN</td> <td>11/21/2012</td> </tr> <tr> <td>JUSTIN JONES</td> <td>11/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	ANDREW J. TOMLIN	11/21/2012	JUSTIN JONES	11/21/2012
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ANDREW J. TOMLIN	11/21/2012						
JUSTIN JONES	11/21/2012						
RECEIVING PARTY DATA							
Name:	WESTERN DIGITAL TECHNOLOGIES, INC.						
Street Address:	3355 MICHELSON DRIVE, SUITE 100						
City:	IRVINE						
State/Country:	CALIFORNIA						
Postal Code:	92612						
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>13677704</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13677704		
Property Type	Number						
Application Number:	13677704						
CORRESPONDENCE DATA							
Fax Number:	9496726604						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	949-672-6148						
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ATTORNEY DOCKET NUMBER:	T5945						
NAME OF SUBMITTER:	David H. Chan						
<p>Total Attachments: 3          source=T5945_Assignment_EFS#page1.tif          source=T5945_Assignment_EFS#page2.tif          source=T5945_Assignment_EFS#page3.tif</p>							

CH \$40.00 13677704

ASSIGNMENT

Whereas, we, **ANDREW J. TOMLIN**, a citizen of the United Kingdom, residing at San Jose, California; and **JUSTIN JONES**, a citizen of the United States of America, residing at Burlingame, California, have invented certain new and useful improvements in **METHODS, DATA STORAGE DEVICES AND SYSTEMS FOR FRAGMENTED FIRMWARE TABLE REBUILD IN A SOLID STATE DRIVE** (hereafter "Improvements") for which we have executed an application for a United States Patent filed November 15, 2012, Application No. 13/677,704 (hereafter "Application"); and

Whereas, **Western Digital Technologies, Inc.** (hereafter "Assignee"), a Delaware Corporation, desires to acquire the entire right, title, and interest in and to the Improvements and the Application.

Now, therefore, that for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assignees, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereof and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

We hereby covenant and agree that we will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.

Title of Invention: **METHODS, DATA STORAGE DEVICES AND SYSTEMS FOR  
FRAGMENTED FIRMWARE TABLE REBUILD IN A SOLID STATE DRIVE**

  
\_\_\_\_\_  
ANDREW J. TOMLIN

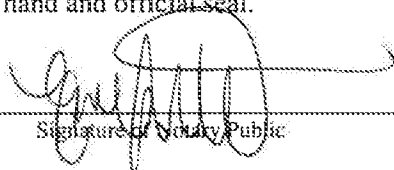
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Date

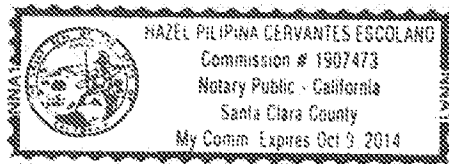
State of California )  
County of Santa Clara ) ss.

On 11/21/12, before me, Hazel Philipina C. Escobedo, Notary Public, personally appeared **ANDREW J. TOMLIN** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

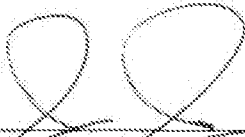
WITNESS my hand and official seal.

Signature:   
\_\_\_\_\_  
Signature of Notary Public



Title of Invention: **METHODS, DATA STORAGE DEVICES AND SYSTEMS FOR  
FRAGMENTED FIRMWARE TABLE REBUILD IN A SOLID STATE DRIVE**

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 \_\_\_\_\_  
**JUSTIN JONES**

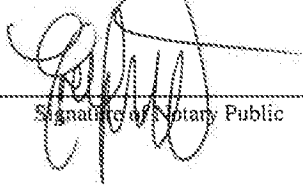
4/21/12  
 \_\_\_\_\_  
 Date

State of California )  
County of Santa Clara ) ss.

On 4/21/12, before me, Hazel Filipina C. Escobedo, Notary Public, personally appeared **JUSTIN JONES** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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Signature:   
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 Notary Public

