

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Suleyman A. Yolar	07/12/2011
Cheng Fatt Yee	06/20/2011
John Minh Hon Quan	06/24/2011
Choo-Bhin Ong	06/21/2011
Kameron K. Jung	06/21/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Western Digital Technologies, Inc.
<b>Street Address:</b>	3355 Michelson Drive, Suite 100
<b>City:</b>	IRVINE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92630
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13103851
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)672-6604
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	949-672-6654
<b>Email:</b>	matthew.bottomly@wdc.com
<b>Correspondent Name:</b>	WESTERN DIGITAL
<b>Address Line 1:</b>	ATTN: INTELLECTUAL PROPERTY DEPT.
<b>Address Line 2:</b>	3355 Michelson Drive, Suite 100
<b>Address Line 4:</b>	Irvine, CALIFORNIA 92692
<b>ATTORNEY DOCKET NUMBER:</b>	T4121.X1
<b>NAME OF SUBMITTER:</b>	Matthew Bottomly

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**PATENT**  
**REEL: 026598 FRAME: 0809**

**Total Attachments: 6**

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ASSIGNMENT

Whereas, we, **SULEYMAN A. YOLAR**, a citizen of the **United States of America**, residing at **Irvine, California**; **CHENG FATT YEE** a citizen of **Malaysia**, residing at **Selangor, Malaysia**; **JOHN MINH HON QUAN**, a citizen of the **United States of America**, residing at **Cerritos, California**; **CHOO-BHIN ONG**, a citizen of **Malaysia**, residing at **Foothill Ranch, California**; and **KAMERON K. JUNG**, a citizen of the **United States of America**, residing at **Yorba Linda, California**, have invented certain new and useful improvements in **MODIFYING A DISK DRIVE WHILE PRESERVING CALIBRATED PARAMETERS STORED IN A NON-VOLATILE SEMICONDUCTOR MEMORY** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **May 9, 2011**, Application No. **13/103,851** (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.

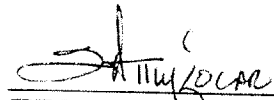
We hereby covenant and agree that we will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all 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.

ASSIGNMENT

PATENT

Atty. Docket No.: T4121.X1

Title of Invention: **MODIFYING A DISK DRIVE WHILE PRESERVING CALIBRATED  
PARAMETERS STORED IN A NON-VOLATILE SEMICONDUCTOR MEMORY**

  
\_\_\_\_\_  
SULEYMAN A. YOLAR

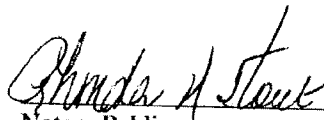
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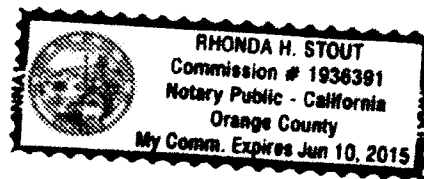
State of California                     )  
  ) ss.  
County of ORANGE                     )

On 12 JULY, before me, RHONDA H. STOUT, Notary Public, personally  
appeared **SULEYMAN A. YOLAR** who proved to me on the basis of satisfactory evidence to be the  
person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed  
the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the  
entity upon behalf of which the person 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.

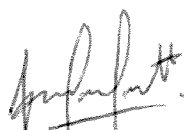
  
\_\_\_\_\_  
Notary Public



ASSIGNMENT

PATENT  
Atty. Docket No.: T4121.X1

Title of Invention: **MODIFYING A DISK DRIVE WHILE PRESERVING CALIBRATED  
PARAMETERS STORED IN A NON-VOLATILE SEMICONDUCTOR MEMORY**

  
\_\_\_\_\_  
CHENG FATT YEE

20 JUNE 2011  
Date

Witnessed by:

ADRIAN TAN KAI THERN  
Type/Print 1<sup>st</sup> Witness Name

  
\_\_\_\_\_  
1<sup>st</sup> Witness Signature

20 JUNE 2011  
Date

NG KWEK KOON  
Type/Print 2<sup>nd</sup> Witness Name

  
\_\_\_\_\_  
2<sup>nd</sup> Witness Signature

20 JUNE 2011  
Date

ASSIGNMENT

PATENT

Atty. Docket No.: T4121.X1

Title of Invention: **MODIFYING A DISK DRIVE WHILE PRESERVING CALIBRATED  
PARAMETERS STORED IN A NON-VOLATILE SEMICONDUCTOR MEMORY**

*John Min Hon Quan*  
JOHN MIN HON QUAN  
MINH JQ

6/24/2011  
Date

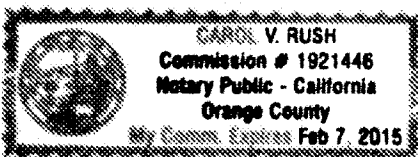
State of California )  
County of Orange ) ss.

On June 24, 2011 (COR) MINH, before me, Carol V. Rush, Notary Public, personally appeared **JOHN MIN HON QUAN** who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person 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.

*Carol V. Rush*  
Notary Public



ASSIGNMENT

PATENT

Atty. Docket No.: T4121.X1

Title of Invention: **MODIFYING A DISK DRIVE WHILE PRESERVING CALIBRATED  
PARAMETERS STORED IN A NON-VOLATILE SEMICONDUCTOR MEMORY**

  
CHOO-BHIN ONG

6/21/11  
Date

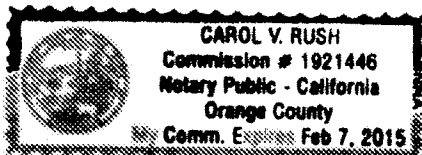
State of California )  
County of Orange ) ss.

On June 21, 2011, before me, Carol V. Rush, Notary Public, personally appeared **CHOO-BHIN ONG** who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person 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.

Carol V. Rush  
Notary Public




ASSIGNMENT

PATENT

Atty. Docket No.: T4121.X1

Title of Invention: MODIFYING A DISK DRIVE WHILE PRESERVING CALIBRATED  
PARAMETERS STORED IN A NON-VOLATILE SEMICONDUCTOR MEMORY

  
KAMERON K. JUNG

6/21/11  
Date

State of California )  
County of Orange ) ss.

On June 21, 2011, before me, Carol V. Rush, Notary Public, personally  
appeared **KAMERON K. JUNG** who proved to me on the basis of satisfactory evidence to be the person  
whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the  
same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the  
entity upon behalf of which the person 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.

Carol V. Rush  
Notary Public

