

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>Michael Chang</td> <td>06/08/2012</td> </tr> <tr> <td>Guoxiao Guo</td> <td>06/13/2012</td> </tr> <tr> <td>Jie Yu</td> <td>06/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael Chang	06/08/2012	Guoxiao Guo	06/13/2012	Jie Yu	06/13/2012
Name	Execution Date								
Michael Chang	06/08/2012								
Guoxiao Guo	06/13/2012								
Jie Yu	06/13/2012								
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>13529958</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13529958				
Property Type	Number								
Application Number:	13529958								
CORRESPONDENCE DATA									
Fax Number:	(949)672-6604								
Phone:	949-672-7871								
Email:	renee.quick@wdc.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	WESTERN DIGITAL								
Address Line 1:	ATTN: IP LAW DEPARTMENT								
Address Line 2:	3355 MICHELSON DRIVE, SUITE 100								
Address Line 4:	IRVINE, CALIFORNIA 92612								
ATTORNEY DOCKET NUMBER:	T5688								
NAME OF SUBMITTER:	Charlotte Disto-Masudal								
Total Attachments: 4 source=T5688_Assignment_EFS#page1.tif source=T5688_Assignment_EFS#page2.tif source=T5688_Assignment_EFS#page3.tif source=T5688_Assignment_EFS#page4.tif									

CH \$40.00 13529958

ASSIGNMENT

Whereas, we, **MICHAEL CHANG**, a citizen of the **United States of America**, residing at **San Jose, California**; **GUOXIAO GUO**, a citizen of **Singapore**, residing at **Irvine, California**; and **JIE YU**, a citizen of **China**, residing at **Irvine, California**, have invented certain new and useful improvements in **DISK DRIVE ADJUSTING ESTIMATED SERVO STATE TO COMPENSATE FOR TRANSIENT WHEN CROSSING A SERVO ZONE BOUNDARY** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **June 21, 2012**, Application No. **13/529,958** (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.: T5688

Title of Invention: **DISK DRIVE ADJUSTING ESTIMATED SERVO STATE TO COMPENSATE FOR TRANSIENT WHEN CROSSING A SERVO ZONE BOUNDARY**

Michael Chang
MICHAEL CHANG

June 8, 2012
Date

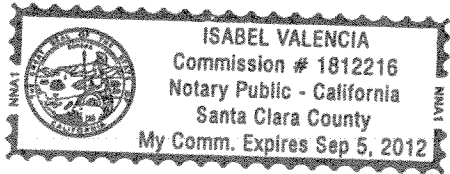
State of California)
County of Santa Clara) ss.

On July 9, 2012, before me, Isabel Valencia, Notary Public, personally appeared **MICHAEL CHANG** 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: *Isabel Valencia*
Signature of Notary Public



ASSIGNMENT

PATENT
Atty. Docket No.: T5688

Title of Invention: **DISK DRIVE ADJUSTING ESTIMATED SERVO STATE TO COMPENSATE FOR TRANSIENT WHEN CROSSING A SERVO ZONE BOUNDARY**



GUOXIAO GUO

13 June 2012

Date

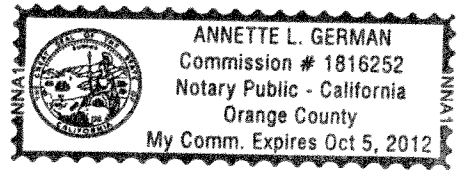
State of California)
) ss.
County of ORANGE)

On June 13, 2012, before me, Annette L. German, Notary Public, personally appeared **GUOXIAO GUO** 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: Annette L. German
 Signature of Notary Public



ASSIGNMENT

PATENT
Atty. Docket No.: T5688

Title of Invention: **DISK DRIVE ADJUSTING ESTIMATED SERVO STATE TO COMPENSATE FOR TRANSIENT WHEN CROSSING A SERVO ZONE BOUNDARY**



JIE YU

6/13/12

Date

State of California)
) ss.
County of ORANGE)

On June 13, 2012, before me, Annette L. German, Notary Public, personally appeared **JIE YU** 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: Annette L. German
Signature of Notary Public

