

<b>PATENT ASSIGNMENT COVER SHEET</b>
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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>
JIE WAN	05/19/2014
XIAOTIAN XU	05/06/2014
SHUYU CAO	05/06/2014
JERN KHANG TAN	06/05/2014
GUOXIAO GUO	04/08/2014
WEI XI	05/06/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WESTERN DIGITAL TECHNOLOGIES, INC.
<b>Street Address:</b>	3355 MICHELSON DRIVE, STE. 100
<b>City:</b>	IRVINE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92612
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14014267
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)672-6604
<i>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.</i>	
<b>Phone:</b>	9496729439
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<b>Correspondent Name:</b>	TANYA JOSEPHS
<b>Address Line 1:</b>	WESTERN DIGITAL CORPORATION
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<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92612
<b>ATTORNEY DOCKET NUMBER:</b>	T6162
<b>NAME OF SUBMITTER:</b>	TANYA JOSEPHS
<b>SIGNATURE:</b>	/Tanya Josephs/
<b>DATE SIGNED:</b>	06/06/2014
<b>Total Attachments: 7</b>	

**PATENT**

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ASSIGNMENT

Whereas, we, **JIE WAN**, a citizen of **China**, residing at **Singapore, Singapore**; **XIAOTIAN XU**, a citizen of **Singapore**, residing at **Singapore, Singapore**; **SHUYU CAO**, a citizen of **Singapore**, residing at **Singapore, Singapore**; **JERN KHANG TAN**, a citizen of **Malaysia**, residing at **Muar, Malaysia**; **GUOXIAO GUO**, a citizen of **Singapore**, residing at **Irvine, California**; and **WEI XI**, a citizen of **China**, residing at **Mission Viejo, California**, have invented certain new and useful improvements in **DISK DRIVE ADJUSTING ROTATION SPEED OF DISK TO COMPENSATE FOR BLIND AREA WHEN MEASURING FREQUENCY RESPONSE OF SERVO CONTROL SYSTEM** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **August 29, 2013**, Application No. **14/014,267** (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 us 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.: T6162

Title of Invention: DISK DRIVE ADJUSTING ROTATION SPEED OF DISK TO  
COMPENSATE FOR BLIND AREA WHEN MEASURING FREQUENCY RESPONSE OF  
SERVO CONTROL SYSTEM

万杰  
JIE WAN

19/05/2014  
Date

Witnessed by:

Li Hui  
Type/Print 1<sup>st</sup> Witness Name

Li Hui  
1<sup>st</sup> Witness Signature

19/05/2014  
Date

Zhang Yanteng  
Type/Print 2<sup>nd</sup> Witness Name


张彦腾  
2<sup>nd</sup> Witness Signature

19/05/2014  
Date

ASSIGNMENT

PATENT  
Atty. Docket No.: T6162

Title of Invention: DISK DRIVE ADJUSTING ROTATION SPEED OF DISK TO COMPENSATE FOR BLIND AREA WHEN MEASURING FREQUENCY RESPONSE OF SERVO CONTROL SYSTEM

  
\_\_\_\_\_  
XIAOTIAN XU

6 May 2014  
Date

Witnessed by:

Liew San Yuan  
Type/Print 1<sup>st</sup> Witness Name

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

6 May 2014  
Date

Zou XIBOXIN  
Type/Print 2<sup>nd</sup> Witness Name

  
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2<sup>nd</sup> Witness Signature

6 May 2014  
Date

ASSIGNMENT

PATENT  
Atty. Docket No.: T6162

Title of Invention: DISK DRIVE ADJUSTING ROTATION SPEED OF DISK TO  
COMPENSATE FOR BLIND AREA WHEN MEASURING FREQUENCY RESPONSE OF  
SERVO CONTROL SYSTEM

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曹渝超 Shuyu Cao  
SHUYU CAO

06/05/2014  
Date

Witnessed by:

ZHANG YANFENG  
Type/Print 1<sup>st</sup> Witness Name

张彦峰  
1<sup>st</sup> Witness Signature

06/05/2014  
Date

LI HUI  
Type/Print 2<sup>nd</sup> Witness Name

Li Hui  
2<sup>nd</sup> Witness Signature

06/05/2014  
Date

ASSIGNMENT

PATENT  
Atty. Docket No.: T6162

Title of Invention: DISK DRIVE ADJUSTING ROTATION SPEED OF DISK TO  
COMPENSATE FOR BLIND AREA WHEN MEASURING FREQUENCY RESPONSE OF  
SERVO CONTROL SYSTEM

  
\_\_\_\_\_  
JERN KHANG TAN

05 JUNE 2014  
Date

Witnessed by:

KO CHOON ENG  
Type/Print 1<sup>st</sup> Witness Name

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

5 June 2014  
Date

GEORGE NG  
Type/Print 2<sup>nd</sup> Witness Name

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

5 JUNE 2014  
Date





