

## PATENT ASSIGNMENT COVER SHEET

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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>
MICHAEL CHANG	03/26/2014
WEI GUO	03/26/2014
RUSS A. QUISENBERRY	04/02/2014
GUOXIAO GUO	03/26/2014
<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: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14152737
<b>Application Number:</b>	61917875
<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 via US Mail.</i>	
<b>Phone:</b>	9496729439
<b>Email:</b>	Tanya.Josephs@wdc.com
<b>Correspondent Name:</b>	TANYA JOSEPHS
<b>Address Line 1:</b>	WESTERN DIGITAL CORPORATION
<b>Address Line 2:</b>	3355 MICHELSON DRIVE, SUITE 100
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92612
<b>ATTORNEY DOCKET NUMBER:</b>	T6714
<b>NAME OF SUBMITTER:</b>	TANYA JOSEPHS
<b>SIGNATURE:</b>	/Tanya Josephs/
<b>DATE SIGNED:</b>	04/10/2014
<b>Total Attachments: 5</b>	
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ASSIGNMENT

Whereas, we, **MICHAEL CHANG**, a citizen of **United States of America**, residing at **SAN JOSE, California**; **WEI GUO**, a citizen of **United States of America**, residing at **FREMONT, California**; **RUSS A. QUISENBERRY**, a citizen of **United States of America**, residing at **SAN JOSE, California**; and **GUOXIAO GUO**, a citizen of **Singapore**, residing at **IRVINE, California**, have invented certain new and useful improvements in **DISK DRIVE DETECTING MINI WEDGE BY EVALUATING WEDGE ID OF SERVO SECTOR** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **January 10, 2014**, Application No. **14/152,737** and a provisional application for a United States Patent filed **December 18, 2013**, Application No. **61/917,875** (hereafter "Applications"); 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 Applications.

Now, therefore, that for good and valuable consideration, the receipt of which is hereby acknowledged, I, the inventor, do hereby acknowledge that I 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 Applications and all divisions, renewals and continuations thereof, and all applications claiming priority to the Applications, 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 I 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.: T6714

Title of Invention: **DISK DRIVE DETECTING MINI WEDGE BY EVALUATING WEDGE ID OF SERVO SECTOR**

Michael Chang  
MICHAEL CHANG

March 26, 2014  
Date

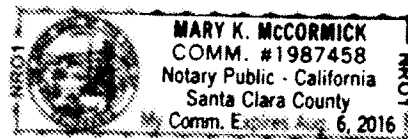
State of California )  
County of Santa Clara ) ss.

On 3-26-2014, before me, Mary K. McCormick, 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: Mary K. McCormick  
Signature of Notary Public



ASSIGNMENT

PATENT  
Atty. Docket No.: T6714

Title of Invention: **DISK DRIVE DETECTING MINI WEDGE BY EVALUATING WEDGE ID OF SERVO SECTOR**

*Wei Guo*  
WEI GUO

03/26/2014  
Date

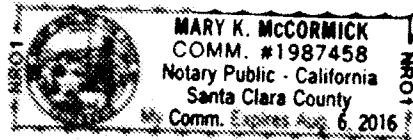
State of California )  
County of Santa Clara ) ss.

On 3-26-2014, before me, Mary K. McCormick, Notary Public, personally appeared **WEI 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: *Mary K. McCormick*  
Signature of Notary Public



Title of Invention: **DISK DRIVE DETECTING MINI WEDGE BY EVALUATING WEDGE ID OF SERVO SECTOR**

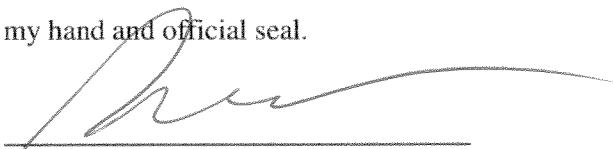
  
\_\_\_\_\_  
RUSS A. QUISENBERRY

4/2/14  
\_\_\_\_\_  
Date

State of California )  
County of Santa Clara ) ss.

On April 2, 2014, before me, Isabel Valencia, Notary Public, personally appeared **RUSS A. QUISENBERRY** 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

