

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BERNHARD E. KNIGGE	03/19/2013
JIAN XU	03/19/2013
LISHA WANG	03/19/2013
DENNIS W. HOGG	03/20/2013
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	
Property Type	Number
Application Number:	13794771
CORRESPONDENCE DATA	
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<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>	
Phone:	949-672-7871
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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:	T6159
NAME OF SUBMITTER:	PAULETTE HALILI
SIGNATURE:	/Paulette Halili/
DATE SIGNED:	02/12/2015
Total Attachments: 5	
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ASSIGNMENT

Whereas, we, **BERNHARD E. KNIGGE**, a citizen of the **United States of America**, residing at **San Jose, California**; **JIAN XU**, a citizen of **China**, residing at **San Jose, California**; **LISHA WANG**, a citizen of **China**, residing at **Fremont, California**; and **DENNIS W. HOGG**, a citizen of **Canada**, residing at **Laguna Hills, California**, have invented certain new and useful improvements in **DISK DRIVE MEASURING FLY HEIGHT BY APPLYING A BIAS VOLTAGE TO AN ELECTRICALLY INSULATED WRITE COMPONENT OF A HEAD** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **March 11, 2013**, Application No. **13/794,771** (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: **DISK DRIVE MEASURING FLY HEIGHT BY APPLYING A BIAS VOLTAGE TO AN ELECTRICALLY INSULATED WRITE COMPONENT OF A HEAD**

Bernhard Knigge
BERNHARD E. KNIGGE

3-19-2013
Date

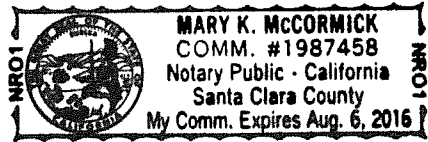
State of California)
County of Santa Clara) ss.

On 3/19/13, before me, Mary McCormick, Notary Public, personally appeared **BERNHARD E. KNIGGE** 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 MEASURING FLY HEIGHT BY APPLYING A BIAS VOLTAGE TO AN ELECTRICALLY INSULATED WRITE COMPONENT OF A HEAD**

JIAN XU
JIAN XU

03/19/2013
Date

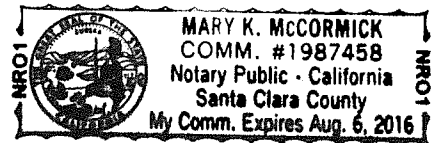
State of California)
County of Santa Clara) ss.

On 3/19/13, before me, Mary McCormick, Notary Public, personally appeared **JIAN XU** 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.: T6159

Title of Invention: **DISK DRIVE MEASURING FLY HEIGHT BY APPLYING A BIAS VOLTAGE TO AN ELECTRICALLY INSULATED WRITE COMPONENT OF A HEAD**

Lisha Wang
LISHA WANG

03-19-2013
Date

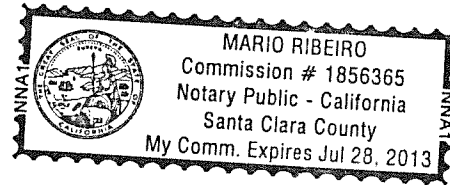
State of California)
) ss.
County of SAN JOAQUIN)

On 03/19/13, before me, MARIO RIBEIRO, Notary Public, personally appeared **LISHA WANG** 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.

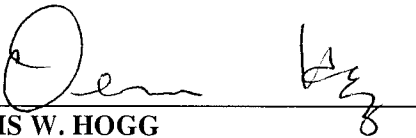
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: *Mario Ribeiro*
Signature of Notary Public



Title of Invention: **DISK DRIVE MEASURING FLY HEIGHT BY APPLYING A BIAS VOLTAGE TO AN ELECTRICALLY INSULATED WRITE COMPONENT OF A HEAD**


_____)
DENNIS W. HOGG)

3/20/2013
Date

State of California)
) ss.
County of Orange)

On March 20, 2013, before me, Annette L. German, Notary Public, personally appeared **DENNIS W. HOGG** 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

