

07-17-2006

S. DEPARTMENT OF COMMERCE
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

1. Zhi Wang
2. Min Chen
3. Robert J. McNab
4. Jenghung Chen

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 1) 6/7/06 2 & 3) 6/9/06 4) 6/12/06

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: WESTERN DIGITAL TECHNOLOGIES, INC.

Internal Address: _____

Street Address: 20511 LAKE FOREST DRIVE

City: LAKE FOREST

State: CALIFORNIA

Country: USA Zip: 92630

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: WESTERN DIGITAL TECHNOLOGIES, INC.

Internal Address: INTELLECTUAL PROPERTY DEPT.

DOCKETING E118-G

Street Address: 20511 LAKE FOREST DRIVE

City: LAKE FOREST

State: CALIFORNIA Zip: 92630

Phone Number: (949) 672-7780

Fax Number: (949) 672-6604

Email Address: sandra.genua@wdc.com

6. Total number of applications and patents involved: One (1)

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 23-1209

Authorized User Name Milad G. Shara, Esq.

9. Signature: _____

Signature

Date

Jonathan E. Prejean, Esq., Reg. No. 52,132

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

113007 U.S. PTO
11/484492



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ASSIGNMENT

Whereas, we, **ZHI WANG**, a citizen of **P.R. CHINA**, residing at **IRVINE, California**; **MIN CHEN** a citizen of **CHINA**, residing at **SAN RAFAEL, California**; **ROBERT J. McNAB**, a citizen of **USA**, residing at **SAN JOSE, California**; and **JENGHUNG CHEN**, a citizen of **USA**, residing at **CUPERTINO, California**, have invented certain new and useful improvements in **MAGNETIC DISK DRIVE AND METHOD FOR EFFICIENTLY DETERMINING AND STORING RRO COMPENSATION VALUES USING A SECONDARY MICRO-ACTUATOR** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **HEREWITH**, Application No. **UNKNOWN** (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: **MAGNETIC DISK DRIVE AND METHOD FOR EFFICIENTLY DETERMINING AND STORING RRO COMPENSATION VALUES USING A SECONDARY MICRO-ACTUATOR**

Zhi Wang
ZHI WANG

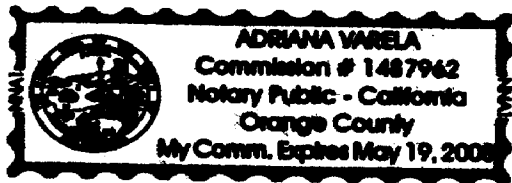
6/7/06
Date

State of California)
County of Orange) ss.

On June 7, 2006, before me, Adriana Varela, Notary Public, personally appeared **ZHI WANG** and 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 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.

WITNESS my hand and official seal.

Adriana Varela
Notary Public



Title of Invention: **MAGNETIC DISK DRIVE AND METHOD FOR EFFICIENTLY DETERMINING AND STORING RRO COMPENSATION VALUES USING A SECONDARY MICRO-ACTUATOR**



MIN CHEN

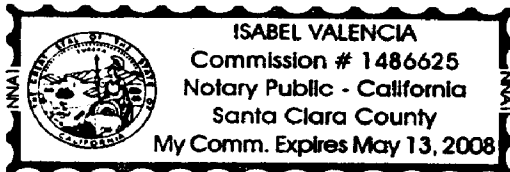
6/9/06
Date

State of California)
County of Santa Clara) ss.

On June 9, 2006, before me, Isabel Valencia, Notary Public, personally appeared **MIN CHEN** and 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 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.

WITNESS my hand and official seal.


Notary Public



Title of Invention: **MAGNETIC DISK DRIVE AND METHOD FOR EFFICIENTLY DETERMINING AND STORING RRO COMPENSATION VALUES USING A SECONDARY MICRO-ACTUATOR**

Robert J. McNab
ROBERT J. McNAB

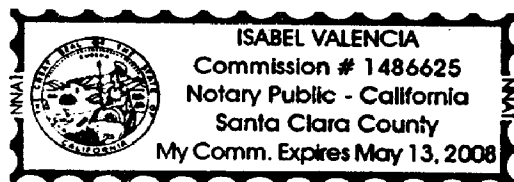
6/9/06
Date

State of California)
County of Santa Clara) ss.

On June 9, 2006, before me, Isabel Valencia, Notary Public, personally appeared **ROBERT J. McNAB** and 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 authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Isabel Valencia
Notary Public



Title of Invention: **MAGNETIC DISK DRIVE AND METHOD FOR EFFICIENTLY DETERMINING AND STORING RRO COMPENSATION VALUES USING A SECONDARY MICRO-ACTUATOR**



JENGHUNG CHEN


6/12/06

Date

State of California)
County of Santa Clara) ss.

On June 12, 2006, before me, Isabel Valencia, Notary Public, personally appeared **JENGHUNG CHEN** and 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 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.

WITNESS my hand and official seal.



Notary Public

