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OMB No. 0651-0027 (exp. 6/30/2008)

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R2032

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)

Yizhong Wang  
Hong Zhang  
Hai Sun  
Hongping Yuan  
Winnie Yu

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

2. Name and address of receiving party(ies)

Name: WESTERN DIGITAL (FREMONT), INC.

Internal Address: \_\_\_\_\_

Street Address: 44100 OSGOOD ROAD

City: FREMONT

State: CALIFORNIA

Country: USA

Zip: 94539

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

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

Execution Date(s) 05/02/07

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

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.  
SUITE E118-H (DOCKETING)

Street Address: 20511 LAKE FOREST DRIVE

City: LAKE FOREST

State: CALIFORNIA Zip: 92630

Phone Number: (949) 672-7871

Fax Number: (949) 672-6604

Email Address: renee.franks@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 23-1055

Authorized User Name Milad G. Shara, Esq.

9. Signature:

05/30/2007 BYRNE 00000106 231055 11803071

40.00 DA

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

Name of Person Signing

May 11, 2007

Date

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

7

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

PATENT  
REEL: 019375 FRAME: 0153

**ASSIGNMENT**

Whereas, we, **Yizhong Wang**, a citizen of P.R. China, residing at **San Jose, California**; **Hong Zhang** a citizen of the **United States of America**, residing at **Fremont, California**; **Hai Sun**, a citizen of the **United States of America**, residing at **Milpitas, California**; **Hongping Yuan**, a citizen of the **United States of America**, residing at **Fremont, California**; and **Winnie Yu**, a citizen of the **United States of America**, residing at **San Jose, California**, have invented certain new and useful improvements in **METHOD AND SYSTEM FOR PROVIDING A MAGNETIC WRITER USING A BARC** (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 (Fremont), 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: **METHOD AND SYSTEM FOR PROVIDING A MAGNETIC WRITER USING A BARC**

*Yizhong Wang*

*05/02/2007*

\_\_\_\_\_  
Yizhong Wang

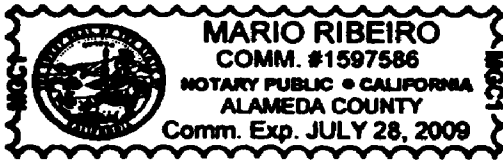
\_\_\_\_\_  
Date

State of California                    )  
  ) ss.  
County of *ALAMEDA*                    )

On 5/2/2007, before me, MARIO RIBEIRO, Notary Public, personally appeared **Yizhong 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/her 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.

*Mario Ribeiro*  
\_\_\_\_\_  
Notary Public



Title of Invention: **METHOD AND SYSTEM FOR PROVIDING A MAGNETIC WRITER USING A BARC**

Hong Zhang

Hong Zhang

5/2/2007

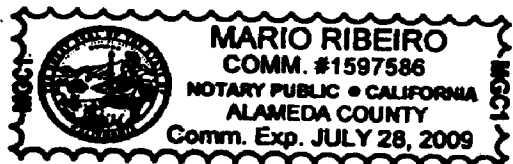
Date

State of California )  
) ss.  
County of ALAMEDA )

On 5/2/2007, before me, MARIO RIBEIRO, Notary Public, personally appeared **Hong Zhang** 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/her 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.

Mario Ribeiro  
Notary Public



Title of Invention: **METHOD AND SYSTEM FOR PROVIDING A MAGNETIC WRITER USING A BARC**

*[Signature]*  
Hai Sun

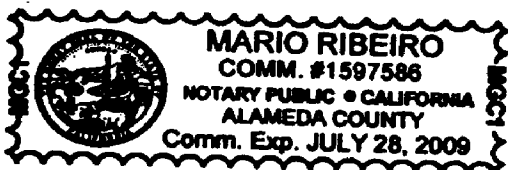
5/2/07  
Date

State of California )  
County of ALAMEDA ) ss.

On 5/2/2007, before me, MARIO RIBEIRO, Notary Public, personally appeared Hai Sun 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/her 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.

*[Signature]*  
Notary Public



Title of Invention: **METHOD AND SYSTEM FOR PROVIDING A MAGNETIC WRITER USING A BARC**

*[Handwritten Signature]*

*5/2/07*

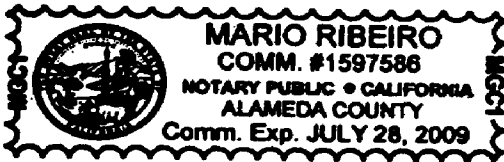
~~Error! Reference source not found.~~  
*HONGPING YUAN*

Date

State of California )  
 ) ss.  
County of *ALAMEDA* )

On *5/2/2007*, before me, MARIO RIBEIRO, Notary Public, personally appeared ~~Error! Reference source not found.~~ *HONGPING YUAN* 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/her 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.



*[Handwritten Signature]*  
\_\_\_\_\_  
Notary Public

Title of Invention: **METHOD AND SYSTEM FOR PROVIDING A MAGNETIC WRITER USING A BARC**

Winnie Yu  
Winnie Yu

5/2/07  
Date

State of California )  
County of ALAMEDA ) ss.

On 5/2/2007, before me, MARIO RIBEIRO, Notary Public, personally appeared **Winnie Yu** 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/her 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.

Mario Ribeiro  
Notary Public

