

07-12-2005



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PATENTS ONLY

K35R1944

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)/Execution Date(s):

1. Li He
 2. Jun Liu
 3. Danning Yang
 4. Yining Hu
- Execution Date(s) 1. June 25, 2005
2. June 30, 2005
3. June 28, 2005
4. June 29, 2005

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:

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

4. Application or patent number(s):

A. Patent Application No.(s)

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

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: 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 Joshua C. Harrison, Esq.

9. Signature:

Signature

July 1, 2005

Date

Joshua C. Harrison, Esq., Reg. No. 45,686

Name of Person Signing

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

5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

07/11/2005 GTON11 00000003 231055 11172778

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PATENT
REEL: 016751 FRAME: 0612

PATENT
K35R1944

ASSIGNMENT

Whereas, I, Li He, a citizen of PR China, residing at Fremont, California, have invented certain new and useful improvements in **METHOD AND SYSTEM FOR MANUFACTURING A PERPENDICULAR MAGNETIC RECORDING TRANSDUCER** (hereafter "Improvements") for which I have executed an application for a United States Patent filed on **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, 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 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 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.

I hereby covenant and agree that I 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.

Li He 6/25/05
Li He Date

Witnessed by:

Liping Ren
Type/Print 1st Witness Name

[Signature] 6/25/05
Witness Signature Date

[Signature]
Type/Print 2nd Witness Name
Henry Yuan

[Signature] 6/25/05
Witness Signature Date

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PATENT
K35R1944

ASSIGNMENT

Whereas, I, JUN LIU, a citizen of the United States of America, residing at San Ramon, California, have invented certain new and useful improvements in METHOD AND SYSTEM FOR MANUFACTURING A PERPENDICULAR MAGNETIC RECORDING TRANSDUCER (hereafter "Improvements") for which I have executed an application for a United States Patent filed on 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, 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 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 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.

I hereby covenant and agree that I 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.


JUN LIU6/30/05
Date

Witnessed by:


Type/Print 1st Witness Name
Witness Signature6/30/05
Date
Type/Print 2nd Witness Name
Witness Signature6/30/05
Date

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PATENT
K35R1944


ASSIGNMENT

Whereas, I, **Danning Yang**, a citizen of **PR China**, residing at **Fremont, California**, have invented certain new and useful improvements in **METHOD AND SYSTEM FOR MANUFACTURING A PERPENDICULAR MAGNETIC RECORDING TRANSDUCER** (hereafter "Improvements") for which I have executed an application for a United States Patent filed on **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, 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 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 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.

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Danning Yang

06/28/08
Date

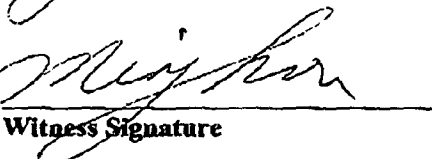
Witnessed by:

GUANGHONG LUD
Type/Print 1st Witness Name


Witness Signature

6/28/2005
Date

MIN ZHOU
Type/Print 2nd Witness Name


Witness Signature

6/28/05
Date

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PATENT
K35R1944


ASSIGNMENT

Whereas, I, **Yining Hu**, a citizen of **China**, residing at **Fremont, California**, have invented certain new and useful improvements in **METHOD AND SYSTEM FOR MANUFACTURING A PERPENDICULAR MAGNETIC RECORDING TRANSDUCER** (hereafter "Improvements") for which I have executed an application for a United States Patent filed on **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, 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 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 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.

I hereby covenant and agree that I 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.


Yining Hu

6/29/05
Date

Witnessed by:

Betty Barker
Type/Print 1st Witness Name

Betty Barker
Witness Signature

6/29/05
Date

MARY ANN STARESNICK
Type/Print 2nd Witness Name

Mary Ann Staresnick
Witness Signature

6/29/05
Date

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