

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE name previously recorded on Reel 017840 Frame 0585. Assignor(s) hereby confirms the ASSIGNEE name is WESTERN DIGITAL (FREMONT), INC.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>MARK D. THOMAS</td><td>04/24/2006</td></tr><tr><td>PENG LUO</td><td>04/10/2006</td></tr><tr><td>LUC VING CHUNG</td><td>04/10/2006</td></tr><tr><td>LEI LARRY ZHANG</td><td>04/10/2006</td></tr></tbody></table>		Name	Execution Date	MARK D. THOMAS	04/24/2006	PENG LUO	04/10/2006	LUC VING CHUNG	04/10/2006	LEI LARRY ZHANG	04/10/2006
Name	Execution Date										
MARK D. THOMAS	04/24/2006										
PENG LUO	04/10/2006										
LUC VING CHUNG	04/10/2006										
LEI LARRY ZHANG	04/10/2006										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>WESTERN DIGITAL (FREMONT), INC.</td></tr><tr><td>Street Address:</td><td>44100 OSGOOD ROAD</td></tr><tr><td>City:</td><td>FREMONT</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94539</td></tr></table>		Name:	WESTERN DIGITAL (FREMONT), INC.	Street Address:	44100 OSGOOD ROAD	City:	FREMONT	State/Country:	CALIFORNIA	Postal Code:	94539
Name:	WESTERN DIGITAL (FREMONT), INC.										
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City:	FREMONT										
State/Country:	CALIFORNIA										
Postal Code:	94539										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11414468</td></tr></tbody></table>		Property Type	Number	Application Number:	11414468						
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Application Number:	11414468										
CORRESPONDENCE DATA											
Fax Number: (949)672-6604 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: (949) 672-7871											
Email: renee.quick@wdc.com											
Correspondent Name: WESTERN DIGITAL											
Address Line 1: ATTN: INTELLECTUAL PROPERTY DEPT.											
Address Line 2: 20511 LAKE FOREST DRIVE											
Address Line 4: LAKE FOREST, CALIFORNIA 92630											
ATTORNEY DOCKET NUMBER:	R1938.X1										
NAME OF SUBMITTER:	Renee M. Quick										

PATENT

500750749

REEL: 022085 FRAME: 0321

CH \$40.00 11414468

**Total Attachments: 5**

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**PATENT**

**REEL: 022085 FRAME: 0322**

RECORDATION FORM COVER SHEET  
PATENTS ONLY

R1968

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) Mark D. Thomas
- 2) Peng Luo
- 3) Luc-Ving Chung
- 4) Lei Larry Zhang

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

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

Execution Date(s) 1) 04-24-2006, 2-4) 04-10-2006

- ☒ 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)

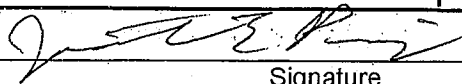
8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 23-1209

Authorized User Name Milad G. Shara, Esq.

9. Signature:



Signature

4/28/06

Date

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

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 (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

Whereas, I, MARK D. THOMAS, a citizen of USA, residing at HOLLISTER, California, have invented certain new and useful improvements in DUAL ELECTRICAL LAPPING GUIDES WITH COMMON BONDING PAD (hereafter "Improvements") for which I have executed an application for a United States Patent filed on HERewith, Application No. TO BE ASSIGNED (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.

Mark D. Thomas  
MARK D. THOMAS

4/24/06  
Date

State of California           )  
                                      ) ss.  
County of                       )

On \_\_\_\_\_, before me, \_\_\_\_\_, Notary Public, personally appeared MARK D. THOMAS 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

REEL: 022085 FRAME: 0325

ASSIGNMENT

Whereas, I, **LUC VING CHUNG**, a citizen of USA, residing at **FREMONT, California**, have invented certain new and useful improvements in **DUAL ELECTRICAL LAPPING GUIDES WITH COMMON BONDING PAD** (hereafter "Improvements") for which I have executed an application for a United States Patent filed on **HEREWITH**; Application No. **TO BE ASSIGNED** (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.

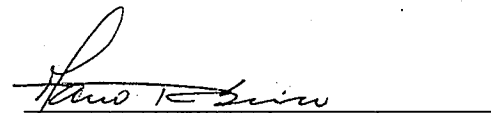
  
LUC VING CHUNG

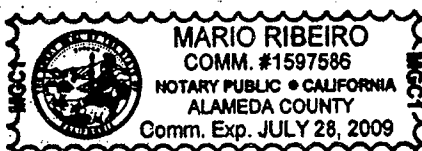
4/10/06  
Date

State of California            )  
  ) ss.  
County of ALAMEDA            )

On 4-10-2006, before me, MARIO RIBEIRO, Notary Public, personally appeared **LUC VING CHUNG** 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



ASSIGNMENT

Whereas, I, **LEI LARRY ZHANG**, a citizen of USA, residing at **SAN JOSE, California**, have invented certain new and useful improvements in **DUAL ELECTRICAL LAPPING GUIDES WITH COMMON BONDING PAD** (hereafter "Improvements") for which I have executed an application for a United States Patent filed on **HEREWITH**, Application No. **TO BE ASSIGNED** (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.

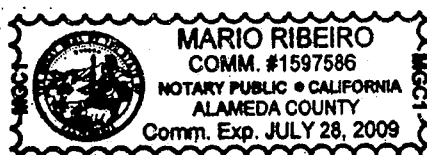
  
\_\_\_\_\_  
**LEI LARRY ZHANG**

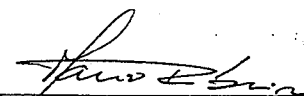
4/10/06  
\_\_\_\_\_  
Date

State of California                    )  
  ) ss.  
County of ALAMEDA                )

On 4-10-2006, before me, MARIO RIBEIRO, Notary Public, personally appeared **LEI LARRY 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 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