

02-12-2003

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DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

102363353

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

WALTER W. BUTLER
YAO-HSIN HUANG
ROBERT E. LLOYD JR.Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

WALTER W. BUTLER: 01-06-03
YAO-HSIN HUANG: 01-06-03
ROBERT E. LLOYD JR.: 12-16-02

Execution Date: _____

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: CA Zip: 92630

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

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/286,147

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: WON TAE C. KIM, REG. 40,457

Internal Address: _____

WESTERN DIGITAL TECHNOLOGIES, INC.

INTELLECTUAL PROPERTY DEPT.- C2

Street Address: 20511 LAKE FOREST DRIVE

City: LAKE FOREST State: CA Zip: 92630

6. Total number of applications and patents involved:

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

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

23-1209

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

WON TAE C. KIM, REG. 40,457

Name of Person Signing

Signature

Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

02/11/2003 TBI:AZ1 00000000 231209 10286147

01 FC:0021

40.00 CH

PATENT
REEL: 013736 FRAME: 0024

ASSIGNMENT

Whereas, I, WALTER W. BUTLER, a United States citizen, residing at Scotts Valley, California, have invented certain new and useful improvements in DISK DRIVE INCLUDING SURFACE COATED DISK CLAMP SCREWS WITH REDUCED COEFFICIENT OF FRICTION FOR MITIGATING DISK CLAMP MOVEMENT (hereafter "Improvements") for which I have executed an application for a United States Patent filed on 10/31/2002, Application No. 10/286,147 (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, in consideration of One Dollar (\$1.00), and other 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.

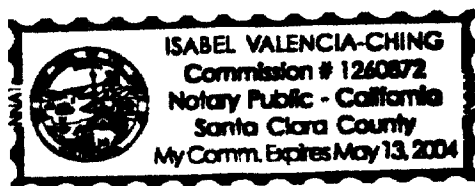
Walter W. Butler 1/6/03
WALTER W. BUTLER Date

State of California)
County of Santa Clara) ss.

On January 6, 2003 before me, Isabel Valencia-Ching Notary Public, personally appeared WALTER W. BUTLER 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 executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

Isabel Valencia-Ching
Notary Public



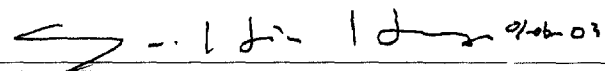
ASSIGNMENT

Whereas, I, YAO-HSIN HUANG, a Taiwanese citizen, residing at San Jose, California, have invented certain new and useful improvements in DISK DRIVE INCLUDING SURFACE COATED DISK CLAMP SCREWS WITH REDUCED COEFFICIENT OF FRICTION FOR MITIGATING DISK CLAMP MOVEMENT (hereafter "Improvements") for which I have executed an application for a United States Patent filed on 10/31/2002, Application No. 10/286,147 (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, in consideration of One Dollar (\$1.00), and other 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.

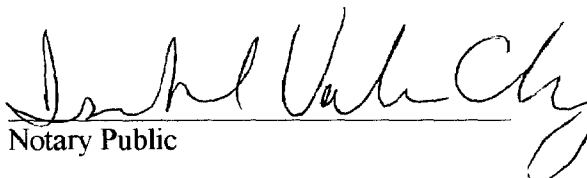
I hereby covenant and agree that I will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all 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.

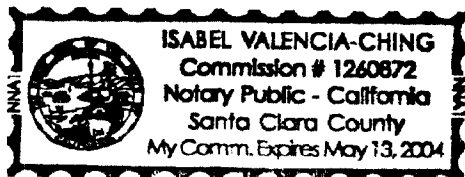

YAO-HSIN HUANG Date

State of California)
County of Santa Clara) ss.

On January 6, 2003, before me, Isabel Valencia-Ching, Notary Public, personally appeared YAO-HSIN HUANG 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 executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.


Notary Public



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ASSIGNMENT

Whereas, I, ROBERT E. LLOYD JR., a United States citizen, residing at Gilroy, California, have invented certain new and useful improvements in DISK DRIVE INCLUDING SURFACE COATED DISK CLAMP SCREWS WITH REDUCED COEFFICIENT OF FRICTION FOR MITIGATING DISK CLAMP MOVEMENT (hereafter "Improvements") for which I have executed an application for a United States Patent filed on 10/31/2002, Application No. 10/286,147 (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, in consideration of One Dollar (\$1.00), and other 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.

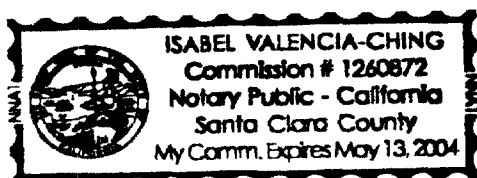
Robert E. Lloyd Jr. 12/16/02
ROBERT E. LLOYD JR. Date

State of California)
County of Santa Clara) ss.

On December 16, 2002 before me, Isabel Valencia-Ching, Notary Public, personally appeared ROBERT E. LLOYD JR. 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 executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

Isabel Valencia-Ching
Notary Public



C:\Documents and Settings\lloyd\Local Settings\Temporary Internet Files\OLK127\RL Assignment.doc

