02-12-2003 K35A1136 Form **PTO-1595 RECORDATIO** RTMENT OF COMMERCE 102363353 (Rev. 03/01) ..ು. ratent and Trademark Office PAT OMB No. 0651-0027 Tab settings ⇒ ⇒ ⇒ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 1-21-00 2. Name and address of receiving party(ies) Name: WESTERN DIGITAL TECHNOLOGIES, INC. WALTER W. BUTLER YAO-HSIN HUANG Internal Address: ROBERT E. LLOYD JR. Additional name(s) of conveying party(ies) attached? 🔲 Yes 🗹 No Nature of conveyance: Assignment ☐ Merger Street Address: 20511 LAKE FOREST DRIVE Security Agreement Change of Name Other WALTER W. BUTLER: 01-06-03 City: LAKE FOREST State: CA Zip: 92630 YAO-HSIN HUANG: 01-06-03 ROBERT E. LLOYD JR.: 12-16-02 **Execution Date:** 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) B. Patent No.(s) 10/286,147 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$\_\_\_\_\$ WON TAE C. KIM, REG. 40,457 Enclosed Internal Address:\_\_\_\_\_ Authorized to be charged to deposit account WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT.- C2 8. Deposit account number: Street Address: 20511 LAKE FOREST DRIVE 23-1209 (Attach duplicate copy of this page if paying by deposit account) City: LAKE FOREST State: CA Zip: 92630

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

1/15/03

Total number of pages including cover sheet, attachments, and documents: 4

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

Commissioner of Patents & Trademarks, Box Assignments 10286147 Washington, D.C. 20231

02/11/2003 TDIAZ1 00000080 231209 01 FC:8021

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 <u>DISK DRIVE INCLUDING SURFACE COATED DISK CLAMP SCREWS WITH REDUCED COEFFICIENT OF FRICTION FOR MITIGATING DISK CLAMP MOVEMENT</u> (hereafter "Improvements") for which I have executed an application for a United States Patent filed on <u>10/31/2002</u>, Application No. <u>10/286,147</u> (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 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 Date

State of California

County of Santa Clara ) ss.

On JOY LOVE & 2007, before me, 150 feel Ole / Coa - Mines 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.



Notary Public

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## **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.

State of California

State of California ) ss. County of SarHa C(ara) ss.

Ming, Notary Public, personally On January 6, 2003, before me, Salve Valenciaappeared 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.



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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.

State of California

County of Santa Clara ) ss.

On <u>December 16, 2002</u>, before me, <u>Isobel Valencia</u>— Mina, 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 Commission # 1260872 Notary Public - California Santa Clara County My Comm. Expires May 13, 2004

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01-21-2003

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Application Number 10/286,147

## **TRANSMITTAL FORM**

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(to be used for all correspondence after initial filing)

Application Number	10/286,147			
Filing Date	10/31/2002			
First Named Inventor	WALTER W. BUTLER			
Group Art Unit	2651			
Examiner Name	UNKNOWN			
Attorney Docket Number	K35A1136			

Total Number of P	ages in This Submission	0	Attorney Docket Numb	ег	K35A1136				
		ENCL	OSURES (chec	k all that	apply)				
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	SIGNATURE C	OF APPL	CANT, ATTORNEY, O	RAGENT					
Firm or Individual name	WESTERN DIGITAL TECHNOLOGIES, INC Won Tae C. Kim, 40,457								
Signature	$\omega$ . $\alpha$	nu	u.						
Date	W. Chim le: 1/15/03								
CERTIFICATE OF MAILING									
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:									

Typed or printed name	Adriana	 <b>41</b>	1/	g		1:-1-	
Signature		Musia			Date	1/15/03	
Burden Hour Statement: This form is es on the arnount of time you are required DC 20231, DO NOT SEND FEES OR C							

PATENT **REEL: 013736 FRAME: 0028 RECORDED: 01/21/2003**