

01-27-2005

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

RECORDED

102927771  
PATENTS ONLY

K35A1522

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. Frederick J. HANKE  
2. Wayne M. YAMADA  
3. Norman WATKINS  
4. David ALI

1. December 10, 2004  
2. December 7, 2004  
3. December 16, 2004  
4. December 7, 2004

Execution Date(s)

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

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ 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:**

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 Won Tae C. Kim, Esq.

**9. Signature:**

W. Kim  
Signature

January 11, 2005

Date

Won Tae C. Kim, Esq., Reg. No. 40,457

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

01/26/2005 ECOOPER 00000259 231209 11032940

01 FC:8021 40.00 DA

PATENT  
REEL: 016178 FRAME: 0906

ASSIGNMENT

Whereas, I, **Frederick J. HANKE**, a citizen of the **United States of America**, residing at **Newark, California**, have invented certain new and useful improvements in **DISK DRIVE WITH COVER INCLUDING A METAL LAYER AND A POLYMER LAYER WITH A POLYMER LAYER FEATURE** (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 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, 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.

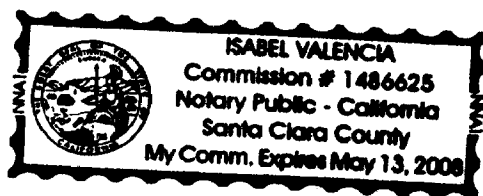
  
**Frederick J. HANKE**


Dec 10 2004  
Date

State of California                    )  
County of Santa Clara            ) ss.

On December 10, 2004, before me, Isabel Valencia, Notary Public, personally appeared **Frederick J. HANKE** 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

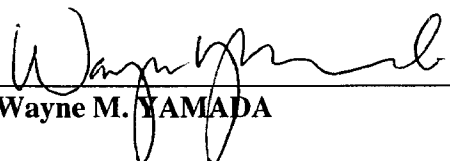
# ASSIGNMENT

Whereas, I, **Wayne M. YAMADA**, a citizen of the **United States of America**, residing at **San Jose, California**, have invented certain new and useful improvements in **DISK DRIVE WITH COVER INCLUDING A METAL LAYER AND A POLYMER LAYER WITH A POLYMER LAYER FEATURE** (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 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, 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.


  
Wayne M. YAMADA

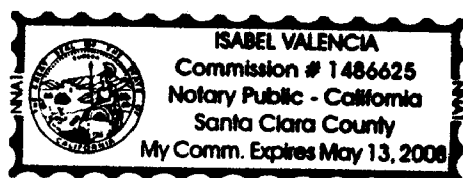
7 DEC 04  
Date

State of California )  
County of Santa Clara ) ss.

On December 7, 2004, before me, Isabel Valencia, Notary Public, personally appeared **Wayne M. YAMADA** 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



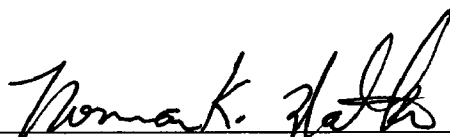
# ASSIGNMENT

Whereas, I, **Norman Watkins**, a citizen of the **United States of America**, residing at **Gilroy, California**, have invented certain new and useful improvements in **DISK DRIVE WITH COVER INCLUDING A METAL LAYER AND A POLYMER LAYER WITH A POLYMER LAYER FEATURE** (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 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, 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.


  
Norman Watkins

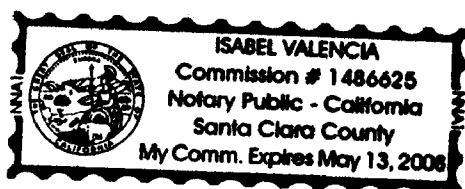
16-Dec-2004  
Date

State of California )  
County of Santa Clara ) ss.

On December 16, 2004, before me, Isabel Valencia, Notary Public, personally appeared **Norman Watkins** 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



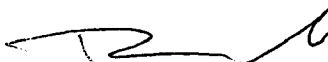
ASSIGNMENT

Whereas, I, **David Ali**, a citizen of the **United States of America**, residing at **San Jose, California**, have invented certain new and useful improvements in **DISK DRIVE WITH COVER INCLUDING A METAL LAYER AND A POLYMER LAYER WITH A POLYMER LAYER FEATURE** (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 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, 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.



David Ali

12-7-04

Date

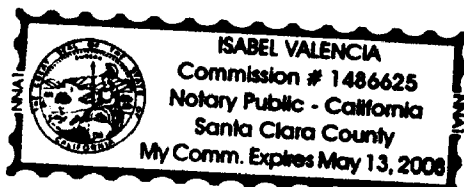
State of California )  
County of Santa Clara ) ss.

On December 7, 2004, before me, Isabel Valencia \_\_\_\_\_, Notary Public, personally appeared **David Ali** 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



C:\Documents and Settings\tovar\_\Local Settings\Temporary Internet Files\OLK31\A1522\_Assignment\_Ali.doc