

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TZONG-SHII PAN	05/21/2012
SHUFUN HO	05/21/2012
RECEIVING PARTY DATA	
Name:	WESTERN DIGITAL TECHNOLOGIES, INC.
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City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92612
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13431660
CORRESPONDENCE DATA	
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Address Line 1:	ATTN: IP LAW DEPARTMENT
Address Line 2:	3355 MICHELSON DRIVE, SUITE 100
Address Line 4:	IRVINE, CALIFORNIA 92612
ATTORNEY DOCKET NUMBER:	T5784
NAME OF SUBMITTER:	Renee M. Quick
Total Attachments: 3 source=T5784_Assignment_EFS#page1.tif source=T5784_Assignment_EFS#page2.tif source=T5784_Assignment_EFS#page3.tif	

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**ASSIGNMENT**

Whereas, we, **TZONG-SHII PAN**, a citizen of **United States of America**, residing at **San Jose, California**; and **SHUFUN HO**, a citizen of **United States of America**, residing at **Fremont, California**, have invented certain new and useful improvements in **SYSTEMS AND METHODS FOR ALIGNING COMPONENTS OF A HEAD STACK ASSEMBLY OF A HARD DISK DRIVE** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **March 27, 2012**, Application No. **13/431,660** (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, we hereby acknowledge that we 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 we 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.

We hereby covenant and agree that we 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.

ASSIGNMENT

PATENT  
Atty. Docket No.: T5784

Title of Invention: SYSTEMS AND METHODS FOR ALIGNING COMPONENTS OF A HEAD  
STACK ASSEMBLY OF A HARD DISK DRIVE

  
\_\_\_\_\_  
TZONG-SHII PAN

5/21/2012  
\_\_\_\_\_  
Date

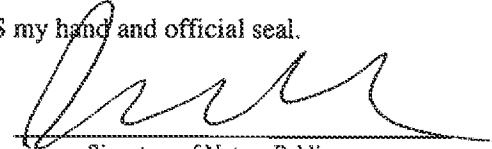
State of California

County of Santa Clara ) ss.

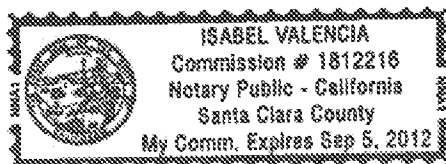
On May 21, 2012, before me, Isabel Valencia, Notary Public, personally appeared TZONG-SHII PAN who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: 


Signature of Notary Public



ASSIGNMENT

PATENT  
Atty. Docket No.: T5784

Title of Invention: **SYSTEMS AND METHODS FOR ALIGNING COMPONENTS OF A HEAD  
STACK ASSEMBLY OF A HARD DISK DRIVE**

  
SHUFUN HO

5/21/12  
Date

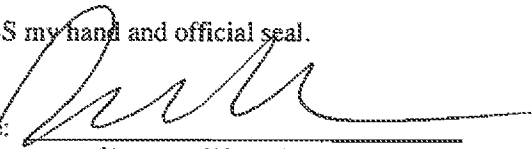
State of California )

County of Santa Clara ) ss.

On May 21, 2012, before me, Isabel Valencia, Notary Public, personally appeared SHUFUN HO who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: 

Signature of Notary Public

