

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TZONG-SHII PAN	01/26/2011
GUNPHAI PRATEEPPHAISAN	01/26/2011
TAHIR A. ALI	02/22/2011
GREG R. KNODEL	01/26/2011
ADISAK TOKAEW	01/26/2011
WAYNE BONIN	03/15/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WESTERN DIGITAL (FREMONT), LLC
<b>Street Address:</b>	44100 OSGOOD ROAD
<b>City:</b>	FREMONT
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94539
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13013289
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)672-6604
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	(949) 672-7871
<b>Email:</b>	renee.quick@wdc.com
<b>Correspondent Name:</b>	WESTERN DIGITAL
<b>Address Line 1:</b>	ATTN: IP LAW DEPARTMENT
<b>Address Line 2:</b>	3355 MICHELSON DRIVE, SUITE 100
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92612
<b>ATTORNEY DOCKET NUMBER:</b>	F4507

CH \$40.00 13013289

**501494508**

**PATENT**  
**REEL: 026094 FRAME: 0065**

NAME OF SUBMITTER:

Renee M. Quick

**Total Attachments: 7**

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**ASSIGNMENT**

Whereas, we, **TZONG-SHII PAN**, a citizen of **the United States of America**, residing at **San Jose, California**; **GUNPHAI PRATEEPPHAISAN** a citizen of **Thailand**, residing at **Ayutthaya, Thailand**; **TAHIR A. ALI**, a citizen of **the United States of America**, residing at **Fremont, California**; **GREG R. KNODEL**, a citizen of **the United States of America**, residing at **San Jose, California**; **ADISAK TOKAEW**, a citizen of **Thailand**, residing at **Mahasarakham, Thailand**; and **WAYNE BONIN**, a citizen of **the United States of America**, residing at **Saint Paul, Minnesota**, have invented certain new and useful improvements in **SYSTEMS FOR INTERCONNECTING MAGNETIC HEADS OF STORAGE DEVICES IN A TEST ASSEMBLY** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **January 25, 2011**, Application No. **13/013,289** (hereafter "Application"); and

Whereas, **Western Digital (Fremont), LLC** (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.: F4507

Title of Invention: **SYSTEMS FOR INTERCONNECTING MAGNETIC HEADS OF STORAGE DEVICES IN A TEST ASSEMBLY**

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


1-26-2011  
Date

State of California                     )  
County of Santa Clara            ) ss.

On January 26, 2011, 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 whose name is subscribed to the within instrument and acknowledged to me that ~~he/she~~ executed the same in ~~his/her~~ 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.

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.

  
\_\_\_\_\_  
Notary Public



ASSIGNMENT

PATENT  
Atty. Docket No.: F4507

Title of Invention: **SYSTEMS FOR INTERCONNECTING MAGNETIC HEADS OF STORAGE DEVICES IN A TEST ASSEMBLY**

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\_\_\_\_\_  
**GUNPHAI PRATEEPPHAISAN**

Jan 26, 11  
\_\_\_\_\_  
Date

Witnessed by:

Donnanith Nithikulbandid  
\_\_\_\_\_  
**Type/Print 1<sup>st</sup> Witness Name**

NDuth  
\_\_\_\_\_  
**Witness Signature**


Jan 26, 2011  
\_\_\_\_\_  
Date

Phutthitorn Sanyuksri  
\_\_\_\_\_  
**Type/Print 2nd Witness Name**

WJVS  
\_\_\_\_\_  
**Witness Signature**

Jan 26, 2011  
\_\_\_\_\_  
Date

**PATENT**  
Atty. Docket No.: F4507

  
TAHIR A. ALI


Date 2/22/11

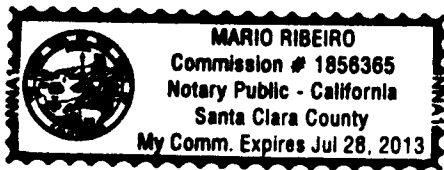
State of California )  
 ) ss.  
County of ALAMEDA )

On 02/22/11, before me, MARIO RIZZO, Notary Public, personally appeared **TAHIR A. ALI** who 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/her 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.

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.

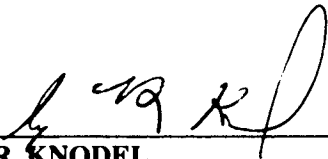
  
\_\_\_\_\_  
Notary Public



ASSIGNMENT

PATENT  
Atty. Docket No.: F4507

Title of Invention: **SYSTEMS FOR INTERCONNECTING MAGNETIC HEADS OF STORAGE DEVICES IN A TEST ASSEMBLY**

  
\_\_\_\_\_  
GREG R. KNODEL

1/26/11  
\_\_\_\_\_  
Date

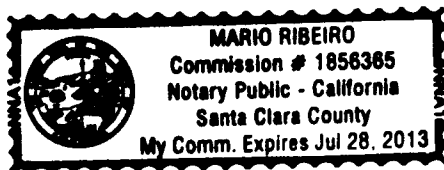
State of California                    )  
  ) ss.  
County of ALAMEDA                    )

On 01/26/11, before me, MARIO RIBEIRO, Notary Public, personally appeared **GREG R. KNODEL** who 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/her 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.

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.

  
\_\_\_\_\_  
Notary Public



ASSIGNMENT

PATENT  
Atty. Docket No.: F4507

Title of Invention: SYSTEMS FOR INTERCONNECTING MAGNETIC HEADS OF STORAGE  
DEVICES IN A TEST ASSEMBLY

  
ADISAK TOKAEW

26-Jan-11  
Date

Witnessed by:

WACHIRA PUTTICHAEM  
Type/Print 1<sup>st</sup> Witness Name

  
Witness Signature

26-Jan-11  
Date

SANTI PUMKRAECHAN  
Type/Print 2nd Witness Name

  
Witness Signature

26 Jan 11  
Date



ASSIGNMENT

PATENT  
Atty. Docket No.: F4507

Title of Invention: **SYSTEMS FOR INTERCONNECTING MAGNETIC HEADS OF STORAGE DEVICES IN A TEST ASSEMBLY**

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Wayne Bonin  
WAYNE BONIN

3-15-2011  
Date

State of Minnesota )  
County of Hennepin ) ss.

On the 15<sup>th</sup> day of March 2011, before me, Thomas Welch, Notary Public, personally appeared **WAYNE BONIN** who 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/her 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.

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

WITNESS my hand and official seal.

Thomas Welch  
Notary Public

