

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YUANKAI ZHENG	11/30/2012
QUNWEN LENG	11/30/2012
CHENG-HAN YANG	12/03/2012
RECEIVING PARTY DATA	
Name:	WESTERN DIGITAL (FREMONT), LLC
Street Address:	44100 OSGOOD ROAD
City:	FREMONT
State/Country:	CALIFORNIA
Postal Code:	94539
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13691729
CORRESPONDENCE DATA	
Fax Number:	9496726604
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(949) 672-7871
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Correspondent Name:	WESTERN DIGITAL
Address Line 1:	ATTN: IP LAW DEPARTMENT
Address Line 2:	3355 MICHELSON DRIVE, SUITE 100
Address Line 4:	IRVINE, CALIFORNIA 92612
ATTORNEY DOCKET NUMBER:	F6152
NAME OF SUBMITTER:	Renee M. Quick
Total Attachments: 4 source=F6152_Assignment_EFS#page1.tif source=F6152_Assignment_EFS#page2.tif source=F6152_Assignment_EFS#page3.tif source=F6152_Assignment_EFS#page4.tif	

CH \$40.00 13691729

ASSIGNMENT

Whereas, we, YUANKAI ZHENG, a citizen of Singapore, residing at Fremont, California; QUNWEN LENG, a citizen of the United States of America, residing at Palo Alto, California; and CHENG-HAN YANG, a citizen of Taiwan, residing at Mountain View, California, have invented certain new and useful improvements in **PROCESS FOR PROVIDING A MAGNETIC RECORDING TRANSDUCER WITH ENHANCED PINNING LAYER STABILITY** (hereafter "Improvements") for which we have executed an application for a United States Patent filed November 30, 2012, Application No. 13/691,729 (hereafter "Application"); and

Whereas, Western Digital (Fremont), LLC (hereafter "Assignee"), a Delaware limited liability company, 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.: F6152

Title of Invention: **PROCESS FOR PROVIDING A MAGNETIC RECORDING TRANSDUCER
WITH ENHANCED PINNING LAYER STABILITY**

YUANKAI ZHENG

11/30/2012
Date

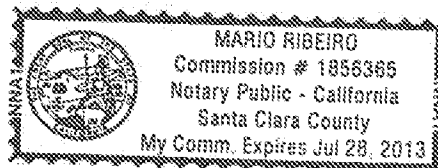
State of California)
) ss.
County of ALAMEDA)

On 11/30/12, before me, MARIO RIBEIRO, Notary Public, personally appeared **YUANKAI ZHENG** 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]
Signature of Notary Public



ASSIGNMENT

PATENT
Atty. Docket No.: F6152

Title of Invention: **PROCESS FOR PROVIDING A MAGNETIC RECORDING TRANSDUCER
WITH ENHANCED PINNING LAYER STABILITY**



QUNWEN LENG

11/30/2012

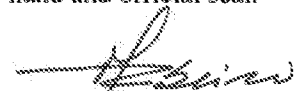
Date

State of California)
) ss.
County of ALAMEDA)

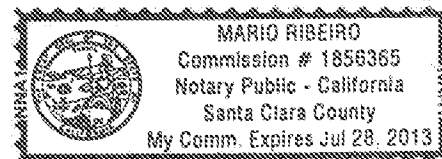
On 11/30/12, before me, MARIO RIBEIRO, Notary Public, personally appeared **QUNWEN LENG** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized 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: 

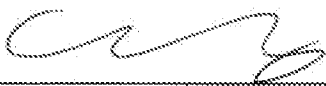
Signature of Notary Public



ASSIGNMENT

PATENT
Atty. Docket No.: F6152

Title of Invention: **PROCESS FOR PROVIDING A MAGNETIC RECORDING TRANSDUCER
WITH ENHANCED PINNING LAYER STABILITY**



CHENG-HAN YANG

12/03/12

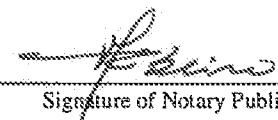
Date

State of California)
) ss.
County of ALAMOGODA)

On 12/03/12, before me, MARIO RIBEIRO, Notary Public,
personally appeared **CHENG-HAN YANG** 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.

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Signature: 

Signature of Notary Public

