

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Wei GAO	07/01/2010
Guanxiong LI	07/15/2010
Zhongyan WANG	07/02/2010
Yufeng HU	07/01/2010
Ge YI	07/02/2010
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:	12796585
CORRESPONDENCE DATA	
Fax Number:	(949)672-6604
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	949.672.7871
Email:	renee.quick@wdc.com
Correspondent Name:	WESTERN DIGITAL
Address Line 1:	ATTN: INTELLECTUAL PROPERTY DEPT.
Address Line 2:	20511 LAKE FOREST DRIVE
Address Line 4:	LAKE FOREST, CALIFORNIA 92630
ATTORNEY DOCKET NUMBER:	F4130
NAME OF SUBMITTER:	Andrew D. Mickelsen, Reg. No. 50,957

CH \$40.00 12796585

Total Attachments: 6

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ASSIGNMENT

Whereas, we, **Wei Gao**, a citizen of the United States, residing at **Fremont, California**; **Guanxiong Li** a citizen of **China**, residing at **Fremont, California**; **Zhongyan Wang**, a citizen of **China**, residing at **San Ramon, California**; **Yufeng Hu**, a citizen of **China**, residing at **Fremont, California**; and **Ge Yi**, a citizen of the **United Kingdom**, residing at **San Ramon, California**, have invented certain new and useful improvements in **DOUBLE HARD-MASK MILL BACK METHOD OF FABRICATING A NEAR FIELD TRANSDUCER FOR ENERGY ASSISTED MAGNETIC RECORDING** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **June 8, 2010**, Application No. **12/796,585** (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.: F4130

Title of Invention: **DOUBLE HARD-MASK MILL BACK METHOD OF FABRICATING A
NEAR FIELD TRANSDUCER FOR ENERGY ASSISTED MAGNETIC RECORDING**



Wei Gao


7/1/2010
Date

State of California)
) ss.
County of ALAMEDA)

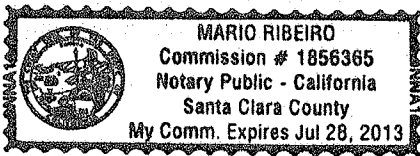
On 07/01/10, before me, MARIO RIBEIRO, Notary Public, personally appeared Wei Gao who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by 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.: F4130

Title of Invention: **DOUBLE HARD-MASK MILL BACK METHOD OF FABRICATING A NEAR FIELD TRANSDUCER FOR ENERGY ASSISTED MAGNETIC RECORDING**



Guanxiong Li

7/15/2010

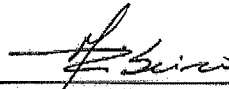
Date

State of California)
) ss.
County of ALAMEDA)

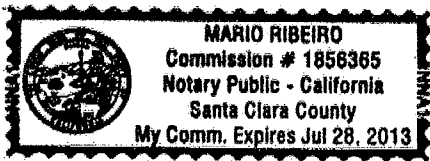
On 07/15/10, before me, MARIO RIBEIRO, Notary Public, personally appeared **Guanxiong Li** who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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WITNESS my hand and official seal.



Notary Public



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PATENT
Atty. Docket No.: F4130

Title of Invention: **DOUBLE HARD-MASK MILL BACK METHOD OF FABRICATING A NEAR FIELD TRANSDUCER FOR ENERGY ASSISTED MAGNETIC RECORDING**

Zhongyan Wang
Zhongyan Wang

07/02/2010
Date

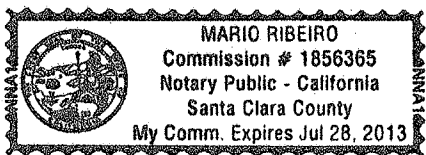
State of California)
) ss.
County of ALAMEDA)

On 07/02/10, before me, MARIO RIBEIRO, Notary Public, personally appeared **Zhongyan Wang** 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.

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WITNESS my hand and official seal.

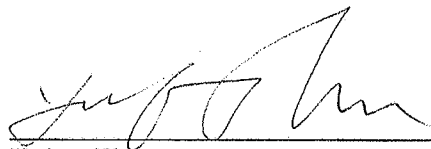
Mario Ribeiro
Notary Public



ASSIGNMENT

PATENT
Atty. Docket No.: F4130

Title of Invention: **DOUBLE HARD-MASK MILL BACK METHOD OF FABRICATING A NEAR FIELD TRANSDUCER FOR ENERGY ASSISTED MAGNETIC RECORDING**



Yufeng Hu

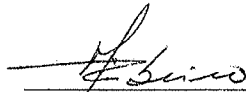
7/1/2010
Date

State of California)
) ss.
County of ALAMEDA)

On 07/01/10, before me, MARIO RIBEIRO, Notary Public, personally appeared **Yufeng Hu** 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.

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Notary Public




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Atty. Docket No.: F4130

Title of Invention: **DOUBLE HARD-MASK MILL BACK METHOD OF FABRICATING A NEAR FIELD TRANSDUCER FOR ENERGY ASSISTED MAGNETIC RECORDING**

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Ge Yi

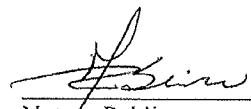
07/02/2010
Date

State of California)
) ss.
County of ALAMEDA)

On 07/02/10, before me, MARIO RIBEIRO, Notary Public, personally appeared **Ge Yi** 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.

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Notary Public

