

PATENT ASSIGNMENT

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Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chengtao R. Yu</td> <td>05/24/2012</td> </tr> <tr> <td>Dehua Han</td> <td>05/24/2012</td> </tr> <tr> <td>Ying Hong</td> <td>05/24/2012</td> </tr> <tr> <td>Feng Liu</td> <td>07/10/2012</td> </tr> <tr> <td>Bo Zhang</td> <td>07/16/2012</td> </tr> <tr> <td>Tao Pan</td> <td>07/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Chengtao R. Yu	05/24/2012	Dehua Han	05/24/2012	Ying Hong	05/24/2012	Feng Liu	07/10/2012	Bo Zhang	07/16/2012	Tao Pan	07/09/2012
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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															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13479095</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13479095										
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Application Number:	13479095														
CORRESPONDENCE DATA															
Fax Number:	9496726604														
Phone:	(949) 672-7871														
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
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:	F5706														

CH \$40.00 13479095

NAME OF SUBMITTER:

Charlotte Disto-Masudal

Total Attachments: 7

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ASSIGNMENT

Whereas, we, **CHENGTAO R. YU**, a citizen of **the United States of America**, residing at **Mountain House, California**; **DEHUA HAN**, a citizen of **the United States of America**, residing at **Fremont, California**; **YING HONG**, a citizen of **the United States of America**, residing at **Los Gatos, California**; **FENG LIU**, a citizen of **the United States of America**, residing at **San Ramon, California**; **BO ZHANG**, a citizen of **the United States of America**, residing at **Fremont, California**; and **TAO PAN**, a citizen of **the United States of America**, residing at **San Jose, California**, have invented certain new and useful improvements in **METHOD AND SYSTEM FOR PROVIDING A MAGNETIC TRANSDUCER HAVING A HIGH MOMENT BILAYER MAGNETIC SEED LAYER FOR A TRAILING SHIELD** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **May 23, 2012**, Application No. **13/479,095** (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.: F5706

Title of Invention: **METHOD AND SYSTEM FOR PROVIDING A MAGNETIC TRANSDUCER
HAVING A HIGH MOMENT BILAYER MAGNETIC SEED LAYER FOR A TRAILING
SHIELD**



CHENGTAO R. YU

05/24/2012
Date

State of California)
) ss.
County of ALAMEDA)

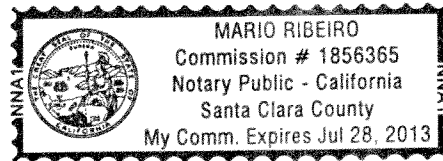
On 05/24/12, before me, MARIO RIBEIRO, Notary Public, personally appeared **CHENGTAO R. YU** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized 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.: F5706

Title of Invention: **METHOD AND SYSTEM FOR PROVIDING A MAGNETIC TRANSDUCER
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SHIELD**



DEHUA HAN

5/24/12


Date

State of California)
) ss.
County of ALAMEDA)

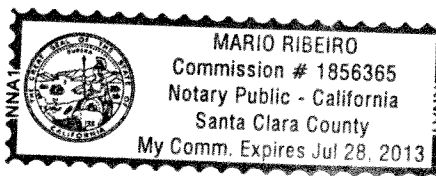
On 05/24/12, before me, MARIO RIBEIRO, Notary Public, personally appeared **DEHUA HAN** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized 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.

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_____)
YING HONG

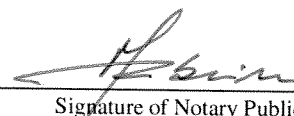
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Date

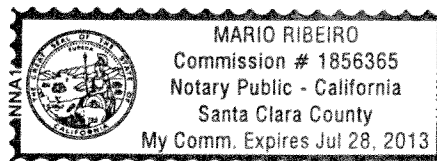
State of California)
County of ALAMEDA) ss.

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FENG LIU

July 10, 2012

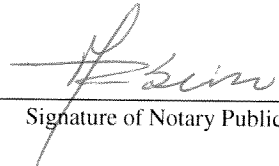
Date

State of California)
) ss.
County of ALAMEDA)

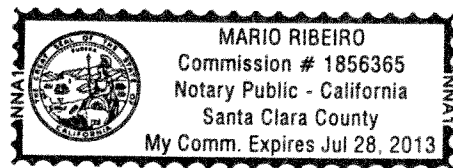
On 07/10/12, before me, MARIO RIBEIRO, Notary Public, personally appeared **FENG LIU** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized 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.

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Signature of Notary Public



Title of Invention: **METHOD AND SYSTEM FOR PROVIDING A MAGNETIC TRANSDUCER HAVING A HIGH MOMENT BILAYER MAGNETIC SEED LAYER FOR A TRAILING SHIELD**


BO ZHANG


7/16/2012
Date

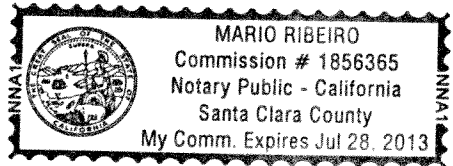
State of California)
) ss.
County of ALAMEDA)

On 07/16/12, before me, MARIO RIBEIRO, Notary Public, personally appeared **BO ZHANG** 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.

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Title of Invention: **METHOD AND SYSTEM FOR PROVIDING A MAGNETIC TRANSDUCER HAVING A HIGH MOMENT BILAYER MAGNETIC SEED LAYER FOR A TRAILING SHIELD**

TAO PAN
TAO PAN

07/09/12
Date

State of California)
) ss.
County of ALAMEDA)

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WITNESS my hand and official seal.

Signature: *Mario Ribeiro*
Signature of Notary Public

