PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QUNWEN LENG	09/08/2009
CHANDO PARK	09/18/2009
YIMIN GUO	09/04/2009
CHRISTIAN KAISER	09/16/2009
MAHENDRA PAKALA	09/21/2009
SINING MAO	09/08/2009

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:	12553897

CORRESPONDENCE DATA

(949)672-6604 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (949) 672-6654 Email: lesley.ning@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:	F3895

REEL: 023492 FRAME: 0579

PATENT

501010627

NAME OF SUBMITTER:	Lesley Ning
Total Attachments: 7 source=F3895_Assignment_EFS#page1.tif source=F3895_Assignment_EFS#page2.tif source=F3895_Assignment_EFS#page3.tif source=F3895_Assignment_EFS#page4.tif source=F3895_Assignment_EFS#page5.tif	
source=F3895_Assignment_EFS#page6.tif source=F3895_Assignment_EFS#page7.tif	

PATENT REEL: 023492 FRAME: 0580

Atty. Docket No.: F3895

ASSIGNMENT

Whereas, we, QUNWEN LENG, a citizen of the United States of America, residing at Palo Alto, California; CHANDO PARK a citizen of Korea, residing at Palo Alto, California; Yimin Guo, a citizen of the United States of America, residing at San Jose, California; CHRISTIAN KAISER, a citizen of Germany, residing at San Jose, California; MAHENDRA PAKALA, a citizen of the United States of America, residing at Fremont, California; and SINING MAO, a citizen of the United States of America, residing at Fremont, California, have invented certain new and useful improvements in METHOD AND SYSTEM FOR PROVIDING A MAGNETIC TRANSDUCER HAVING AN IMPROVED READ SENSOR (hereafter "Improvements") for which we have executed an application for a United States Patent filed September 3, 2009, Application No. 12/553,897 (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.

PATENT Atty. Docket No.: F3895

Title of Invention: METHOD AND SYSTEM FOR PROVIDING A MAGNETIC TRANSDUCER HAVING AN IMPROVED READ SENSOR
QUNWEN LENG 09/08/09 Date
State of California)) ss. County of $A \angle AMEDA$)
On 09/08/09, before me, WARIO PIBEILO, Notary Public, personally appeared QUNWEN LENG 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
MARIO RIBEIRO Commission # 1856365 Notary Public - California Santa Clara County My Comm. Expires Jul 28, 2013

PATENT

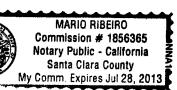
Atty. Docket No.: F3895

Title of Invention: METHOD AND SYSTEM FOR PROVIDING A MAGNETIC TRANSDUCER HAVING AN IMPROVED READ SENSOR
State of California)) ss. County of Santa Claim)
On Chember 18 7009 before me, Bianea Galin do Notary Public, personally appeared CHANDO PARK 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. BIANCA GALINDO Commission # 1697334 Notary Public - California Santa Clara County My Comm Expires Oct 3, 2010

PATENT

Atty. Docket No.: F3895

HAVING AN IMPROVED READ SENSOR
$\frac{\sqrt{\frac{9}{4}}}{\text{Yimin Guo}} = \frac{9/4}{9}$
State of California)) ss. County of A2AMEDA)
On <u>09/04/2009</u> , before me, <u>MANIO RIBEIRO</u> , Notary Public, personally appeared Yimin Guo 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



PATENT Atty. Docket No.: F3895

Title of Invention: METHOD AND SYSTEM FOR PROVIDING A MAGNETIC TRANSDUCER HAVING AN IMPROVED READ SENSOR
CHRISTIAN KAISER Date
State of California)) ss. County of ALAMEDA)
On <u>09-16-09</u> , before me, <u>MARIO PIBEIR</u> , Notary Public, personally appeared CHRISTIAN KAISER 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
MARIO RIBEIRO Commission # 1856365 Notary Public - California Santa Clara County My Comm. Expires Jul 28, 2013

Atty. Docket No.: F3895

Title of Invention: METHOD AND SYSTEM FOR PROVIDING A MAGNETIC TRANSDUCER HAVING AN IMPROVED READ SENSOR
MAHENDRA PAKALA Q/21/9 Date
State of California)) ss. County of ALAMEDA)
On <u>On-21-09</u> , before me, <u>MARIO PIBED</u> , Notary Public, personally appeared MAHENDRA PAKALA 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
MARIO RIBEIRO Commission # 1856365 Notary Public - California Santa Clara County My Comm. Expires Jul 28, 2013

REEL: 023492 FRAME: 0586

PATENT

Atty. Docket No.: F3895

Title of Invention: METHOD AND SYSTEM FOR PROVIDING A MAGNETIC TRANSDUCER HAVING AN IMPROVED READ SENSOR
SINING MAD Date
State of California)) ss. County of Alm MeDA)
On <u>09/08/09</u> , before me, <u>MARIO 7/BEIRO</u> , Notary Public, personally appeared SINING MAO 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.
MARIO RIBEIRO Commission # 1856365 Notary Public - California Santa Clara County My Comm. Expires Jul 28, 2013

REEL: 023492 FRAME: 0587