502602343 12/13/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2648681

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QUNWEN LENG	11/15/2011
LAURENCE L. CHEN	11/10/2011
YIMIN GUO	11/09/2011
YUANKAI ZHENG	11/09/2011
MAHENDRA PAKALA	11/17/2011

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:	13854828

CORRESPONDENCE DATA

 Fax Number:
 (949)672-6604

 Phone:
 (949) 672-7405

 Email:
 IPDocket@wdc.com

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

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:	F5442.C1
NAME OF SUBMITTER:	LEWANA STOUDEMIRE
	HAIENI

502602343 REEL: 031782 FRAME: 0741

13854828

ICH \$40.00

Signature:	/Lewana Stoudemire/
Date:	12/13/2013
Total Attachments: 6 source=F5442_Assignment_EFS#page1.tif source=F5442_Assignment_EFS#page2.tif source=F5442_Assignment_EFS#page3.tif source=F5442_Assignment_EFS#page4.tif source=F5442_Assignment_EFS#page5.tif source=F5442_Assignment_EFS#page6.tif	

PATENT REEL: 031782 FRAME: 0742

ASSIGNMENT

Whereas, we, QUNWEN LENG, a citizen of the United States of America, residing at Palo Alto, California; LAURENCE L. CHEN a citizen of the United States of America, residing at Hayward, California; YIMIN GUO, a citizen of the United States of America, residing at San Jose, California; YUANKAI ZHENG, a citizen of Singapore, residing at Fremont, California; and MAHENDRA PAKALA, 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 READ TRANSDUCER HAVING A BILAYER MAGNETIC SEED LAYER (hereafter "Improvements") for which we have executed an application for a United States Patent filed November 15, 2011, Application No. 13/297,204 (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.

Title of Invention: METHOD AND SYST TRANSDUCER HAVING A BILAYER MAGN	TEM FOR PROVIDING A MAGNETIC READ NETIC SEED LAYER
QUNWEN LENG	11/15 / 2011 Date
State of California) Ss. County of ALAMEDA)	
On, before me,, appeared QUNWEN LENG who proved to me or whose name(s) is/are subscribed to the within i executed the same in his/her/their authorized capa	n the basis of satisfactory evidence to be the person(s) nstrument and acknowledged to me that he/she/they acity(ies), and that by his/her/their signature(s) on the of which the person(s) acted, executed the instrument.
	the laws of the State of California that the foregoing
WITNESS my hand and official seal.	
Signature: Signature of Notary Public	MARIO RIBEIRO Commission # 1856365 Notary Public - California Santa Clara County My Comm. Expires Jul 28, 2013

Title of Invention: METHOD AND SYSTEM FOR PROVIDING A MAGNETIC READ TRANSDUCER HAVING A BILAYER MAGNETIC SEED LAYER
11/10/2011
LAURENCE L. CHEN Date
State of California)) ss. County of ALAMEDA)
County of AZAMEDA) ss.
On, before me,
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 MARIO RIBEIRO Commission # 1856365 Notary Public - California Santa Clara County My Comm First County

Title of Invention: METHOD AND SYSTEM FOR PROVIDING A MAGNETIC READ TRANSDUCER HAVING A BILAYER MAGNETIC SEED LAYER	
YIMIN GUO	11-9-201/
YIMIN GUO	Date
State of California) State of California) State of California)	
County of ALAMEDA) ss.	
On, before me,, appeared YIMIN GUO who proved to me on the name(s) is/are subscribed to the within instrumer	Notary Public, personally e basis of satisfactory evidence to be the person(s) whose nt and acknowledged to me that he/she/they executed the ad that by his/her/their signature(s) on the instrument the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under paragraph is true and correct.	r the laws of the State of California that the foregoing
WITNESS my hand and official seal.	
Signature: Signature of Notary Public	MARIO RIBEIRO Commission # 1856365 Notary Public - California Santa Clara County My Comm. Expires Jul 28, 2013

ASSIGNMENT

PATENT Atty. Docket No.: F5442

Title of Invention: METHOD AND SYSTEM FOR PROVIDING A MAGNETIC READ TRANSDUCER HAVING A BILAYER MAGNETIC SEED LAYER	
YUANKAI ZHENG	
State of California) ss.	
executed the same in his/her/their authorized capac	, Notary Public, personally the basis of satisfactory evidence to be the person(s) strument and acknowledged to me that he/she/they city(ies), and that by his/her/their signature(s) on the which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the paragraph is true and correct.	ne laws of the State of California that the foregoing
WITNESS my hand and official seal.	
Signature: Signature of Notary Public	MARIO RIBEIRO Commission # 1856365 Notary Public - California Santa Clara County My Comm. Expires Jul 28, 2013

ASSIGNMENT PATENT
Atty. Docket No.: F5442

Title of Invention: METHOD AND SYSTEM FOR PROVIDING A MAGNETIC READ TRANSDUCER HAVING A BILAYER MAGNETIC SEED LAYER MAHENDRA PAKALA State of California County of ALAMEDA On 11/13/11, before me, MARIO ZIBGIRO, Notary Public, personally appeared MAHENDRA PAKALA 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. MARIO RIBEIRO Commission # 1856365 Notary Public - California Santa Clara County My Comm. Expires Jul 28, 2013

RECORDED: 12/13/2013