## 503274878 04/22/2015

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
FENG LIU	04/09/2015
ZHIGANG BAI	04/09/2015
WEIMIN SI	04/13/2015
YUGANG WANG	04/13/2015
FENGLIN LIU	04/15/2015
TAO PAN	04/09/2015
SAMUEL W. YUAN	04/21/2015

### **RECEIVING PARTY DATA**

Name:	WESTERN DIGITAL (FREMONT), LLC
Street Address:	44100 OSGOOD ROAD
City:	FREMONT
State/Country:	CALIFORNIA
Postal Code:	94539

### **PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	14223957
Application Number:	61917757

### **CORRESPONDENCE DATA**

**Fax Number:** (949)672-6604

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: paulette.halili@wdc.com
Correspondent Name: WESTERN DIGITAL

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Address Line 2: 3355 MICHELSON DRIVE, SUITE 100

Address Line 4: IRVINE, CALIFORNIA 92612

ATTORNEY DOCKET NUMBER: F6933

NAME OF SUBMITTER: PAULETTE HALILI

SIGNATURE: /Paulette Halili/

503274878 REEL: 035470 FRAME: 0057

DATE SIGNED:	04/22/2015	
Total Attachments: 8		
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PATENT REEL: 035470 FRAME: 0058

#### ASSIGNMENT

Whereas, we, FENG LIU, a citizen of the United States of America, residing at SAN RAMON, California; ZHIGANG BAI, a citizen of the United States of America, residing at FREMONT, California; WEIMIN SI, a citizen of the United States of America, residing at SAN RAMON, California; YUGANG WANG, a citizen of the United States of America, residing at MILPITAS, California; FENGLIN LIU, a citizen of the United States of America, residing at MILPITAS, California; TAO PAN, a citizen of the United States of America, residing at SAN JOSE, California; and SAMUEL W. YUAN, a citizen of the United States of America, residing at SARATOGA, California, have invented certain new and useful improvements in MAGNETIC RECORDING WRITE TRANSDUCER HAVING AN IMPROVED TRAILING SURFACE PROFILE (hereafter "Improvements") for which we have executed an application for a United States Patent filed March 24, 2014, Application No. 14/223,957 and a provisional application for a United States Patent filed December 18, 2013, Application No. 61/917,757 (hereafter "Applications"); 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 Applications.

Now, therefore, that for good and valuable consideration, the receipt of which is hereby acknowledged, I, the inventor, do hereby acknowledge that I 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 Applications and all divisions, renewals and continuations thereof, and all applications claiming priority to the Applications, 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 I 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 us 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: MAGNETIC RECORD IMPROVED TRAILING SURFACE PROFILE	ING WRITE TRANSDUCER HAVING AN
FENGLIU	April 9, 2015
the document to which this certificate is attached, and not State of California	ate verifies only the identity of the individual who signed the truthfulness, accuracy, or validity of that document.
On Of/09/16 before me, MASC/10 appeared FENG LIU who proved to me on the basiname(s) is/are subscribed to the within instrument an same in his/her/their authorized capacity(ies), and the person(s), or the entity upon behalf of which the person	s of satisfactory evidence to be the person(s) whose id acknowledged to me that he/she/they executed the at by his/her/their signature(s) on the instrument the
I certify under PENALTY OF PERJURY under the paragraph is true and correct.	e laws of the State of California that the foregoing
WITNESS my hand and official seal.  Signature:  Signature of Notary Public	MARIO RIBEIRO Commission # 2031934 Notary Public - California Santa Clara County My Comm. Expires Jul 28, 2017
·	

Title of Invention: MAGNETIC RECORDS IMPROVED TRAILING SURFACE PROFILE	ING WRITE TRANSDUCER HAVING AN
	***************************************
	4/9/15
ZHIGANG BAI	Date
A notary public or other officer completing this certificat the document to which this certificate is attached, and not	e verifies only the identity of the individual who signed the truthfulness, accuracy, or validity of that document.
State of California )	
\$	
County of AZAMEDA ) ss.	
On <u>04/09/15</u> , before me, <u>MAK</u>	o Ribeilo , Notary Public, personally
appeared ZHIGANG BAI who proved to me on the whose name(s) is/are subscribed to the within inst	basis of satisfactory evidence to be the person(s)
executed the same in his/her/their authorized capacit	y(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of v	which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the paragraph is true and correct.	laws of the State of California that the foregoing
WITNESS my hand and official seal.	MARIO RIBEIRO
. <b>.</b>	Commission # 2031934
Signature: Signature of Notary Public	Santa Clara County
Signature of Notary Public	My Comm. Expires Jul 28, 2017
	Commission # 2031934 Notary Public - California Santa Clars County My Comm. Expires Jul 28, 2017

Inde of Invention: MAGNETIC RECORD IMPROVED TRAILING SURFACE PROFILE	DING WRITE TRANSDUCER HAVING AN
WEIMIN SI	April 13th, 2015  Date
A notary public or other officer completing this certific the document to which this certificate is attached, and no	ate verifies only the identity of the individual who signed If the truthfulness, accuracy, or validity of that document.
State of California  ) ss.  County of A - A / V/S / V  On before me, / A / Z / A appeared WEIMIN SI who proved to me on the bar name(s) is/are subscribed to the within instrument as	Notary Public, personally sis of satisfactory evidence to be the person(s) whose and acknowledged to me that he/she/they executed the hat by his/her/their signature(s) on the instrument the
I certify under PENALTY OF PERJURY under the paragraph is true and correct.  WITNESS my hand and official seal.  Signature:  Signature of Notary Public	MARIO RIBERO Commission # 2031934 Notery Public - California Santa Clara County My Comm. Expires Jul 28, 2017

Title of Invention: MAGNETIC RECORDING WRITE TRANSDUCER HAVING AN IMPROVED TRAILING SURFACE PROFILE
YUGANG WANG Date
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
State of California ) ) ss. County of ALAMEDA )
On
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  Signature

Page 5 of 8

PATENT

Title of Invention: MAGNETIC REGIMPROVED TRAILING SURFACE PROF		WRITE	TRANSDUCER	HAVING	AN
Fenglin Liu	4/13 Date	r/30/5-	***************************************		
A notary public or other officer completing this of the document to which this certificate is attached, State of California	pertificate veril and not the tru	fies only the thfulness, ac	identity of the indi- curacy, or validity o	vidual who si	gned
Ss.  County of <i>AZAMEDA</i> ss.  On <u>04/N/N</u> , before me, <u>M</u>	Maria a company	, en			
appeared FENGLIN LIU who proved to me whose name(s) is/are subscribed to the with executed the same in his/her/their authorized instrument the person(s), or the entity upon belinstrument the person(s).	on the basis nin instrumen capacity(ies)	of satisfact t and ackr , and that l	ctory evidence to nowledged to me by his/her/their sig	be the perso that he/she/ gnature(s) or	on(s) they the
I certify under PENALTY OF PERJURY un paragraph is true and correct.	der the laws	of the Stat	e of California th	at the foreg	oing
WITNESS my hand and official seal.  Signature:  Signature of Notary Public	полуку при		MARIO RIE Commission # Notary Public - Santa Clara My Comm. Expires		

Title of Invention: MAGNETIC RECORDING WRITE TRANSDUCER HAVING AN IMPROVED TRAILING SURFACE PROFILE
TAO PAN (04/09/2015)
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
State of California ) ) ss.  County of ALAMEDA )
On Oylogis, before me, Mario Zizeis, Notary Public, personally appeared TAO PAN 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:    MARIO RIBEIRO   Commission # 2031934   Notary Public - California   Santa Clara County   My Comm. Expires Jul 28, 2017

PATENT

Atty. Docket No.: F6933

	Title of Invention: MAGNETIC RECORDING WRITE TRANSDUCER HAVING AN IMPROVED TRAILING SURFACE PROFILE
	^^^***********************************
16	SAMUEL W. YUAN  Date  H/21/2015  Date
	SÁMUEL W. YUAN Dute
	A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
	State of California
	State of California ) ss. County of イーイベルル )
	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   RARIO RIBEIRO

Page 8 of 8