503871662 06/15/2016

EPAS ID: PAT3918311

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
YUANKAI ZHENG	07/01/2013		
QUNWEN LENG	06/25/2013		

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:	14632085	

CORRESPONDENCE DATA

Fax Number: (949)672-6604

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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

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Email: gena.seamster@wdc.com

Correspondent Name: WESTERN DIGITAL TECHNOLOGIES, INC.

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Address Line 2: SUITE 100

Address Line 4: IRVINE, CALIFORNIA 92612

ATTORNEY DOCKET NUMBER:	T6480.C1
NAME OF SUBMITTER:	GENA SEAMSTER
SIGNATURE:	/Gena Seamster/
DATE SIGNED:	06/15/2016

Total Attachments: 3

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PATENT 503871662 REEL: 038915 FRAME: 0387

Atty. Docket No.: F6480

ASSIGNMENT

Whereas, we, YUANKAI ZHENG, a citizen of Singapore, residing at Fremont, California; and QUNWEN LENG, a citizen of the United States of America, residing at Palo Alto, California, have invented certain new and useful improvements in RECORDING READ HEADS WITH A MULTI-LAYER AFM LAYER METHODS AND APPARATUSES (hereafter "Improvements") for which we have executed an application for a United States Patent filed HEREWITH, Application No. UNKNOWN and a provisional application for a United States Patent filed June 3, 2013, Application No. 61/830,238 (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: RECORDING READ HIMETHODS AND APPARATUSES	EADS WITH A MULTI-LAYER AFM LAYER
YUANKAI ZHENG	07/0//2013 Date
appeared YUANKAI ZHENG who proved to me of whose name(s) is/are subscribed to the within in executed the same in his/her/their authorized capa	Notary Public, personally on the basis of satisfactory evidence to be the person(s) astrument and acknowledged to me that he/she/they city(ies), and that by his/her/their signature(s) on the of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under t paragraph is true and correct.	he laws of the State of California that the foregoing
WITNESS my hand and official seal. Signature: Synature of Notary Public	MARIO RIBEIRO Commission # 1856365 Notary Public - California Santa Clara County My Comm. Expires Jul 28, 2013

PATENT

Atty. Docket No.: F6480

Title of Invention: RECORDING READ H METHODS AND APPARATUSES	EADS WI	TH A MUL	TI-LAY	ER AFM	LAYER
** ** ***	*	33			
QUAWEN LENG	06/ Date	'15-/2c	213		
State of California) ss.					
County of ALAMEDA)					
on, before me,, appeared QUNWEN LENG who proved to me on whose name(s) is/are subscribed to the within it executed the same in his/her/their authorized capa instrument the person(s), or the entity upon behalf of	the basis on strument a city(ies), a	of satisfactory and acknowled and that by his	evidencedged to her/thei	e to be the me that l r signature	e person(s) ne/she/they e(s) on the
I certify under PENALTY OF PERJURY under t	he laws of	the State of	Californi	a that the	foregoing
paragraph is true and correct.					
WITNESS my hand and official seal.					
Signature: Signature of Notary Public			Commis Notary P Santa	RIO RIBEIRO sion # 1856 ublic - Califo Clara Count Expires Jul 2	3365 Sornia NA