## 506135768 07/02/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6182495

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MING MAO	06/25/2020
DANIELE MAURI	06/25/2020
CHEN-JUNG CHIEN	06/26/2020
GUANXIONG LI	06/25/2020

#### **RECEIVING PARTY DATA**

Name:	WESTERN DIGITAL TECHNOLOGIES, INC.	
Street Address:	5601 GREAT OAKS PARKWAY	
City:	SAN JOSE	
State/Country:	CALIFORNIA	
Postal Code:	95119	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16915718

### **CORRESPONDENCE DATA**

Fax Number:

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.

**Email:** csingleton@pattersonsheridan.com

Correspondent Name: STEVEN H. VERSTEEG
Address Line 1: 24 GREENWAY PLAZA

Address Line 2: SUITE 1600

Address Line 4: HOUSTON, TEXAS 77049

ATTORNEY DOCKET NUMBER: WESD/0447US (WDA-5008-US)		
NAME OF SUBMITTER:	STEVEN H. VERSTEEG	
SIGNATURE:	/Steven H. VerSteeg; Reg. No. 58,087/	
DATE SIGNED:	07/02/2020	

### **Total Attachments: 4**

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PATENT 506135768 REEL: 053105 FRAME: 0686

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PATENT REEL: 053105 FRAME: 0687

Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

### Effective Rear Hard Bias For Dual Free Layer Read Heads

Whereas, **Western Digital Technologies**, **Inc.**, having a place of business at, 5601 Great Oaks Parkway, San Jose, California 95119, (hereinafter referred to as "WDT"), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby sell, assign, and transfer to WDT, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application; I/we agree that electronic signatures, whether digital or encrypted, of this Assignment have the same force and effect as manual or wet signatures; I/we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to WDT, its successors and assigns; I/we hereby agree that WDT may apply for foreign Letters Patent on said invention; and I/we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by WDT.

Signed on the date(s) indicated beside my (our) signature(s).

1)	Signature:	Date:	06/25/2020
	Typed Name: Ming MAO		
2)	Signature:	Date:	
	Typed Name: Daniele MAURI		
3)	Signature:	Date:	
	Typed Name: Chen-Jung CHIEN		
4)	Signature:	Date:	
	Typed Name: Guanxiong LI		

WDT Docket Number WDA-5008-US

Page 1 of 1

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Signed on the date(s) indicated beside my (our) signature(s).

1)	Signature:	Date:
	Typed Name: Ming MAO	
2)	Signature: Janiele MAURI	Date: 06 / 25 /2020
3)	Signature: Typed Name: Chen-Jung CHIEN	Date:
4)	Signature:	Date:
	Typed Name: Guanxiong LI	

WDT Docket Number WDA-5008-US

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1)	Signature:	Date:
	Typed Name: Ming MAO	
2)	Signature:	Date:
	Typed Name: Daniele MAURI	
3)	Signature: Cur-Jung (HEN	Date:
	Typed Name: Chen-Jung CHIEN	
4)	Signature:	Date:
•	Typed Name: Guanxiong LI	

WDT Docket Number WDA-5008-US

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	Typed Name: Ming MAO	
2)	Signature:	Date:
	Typed Name: Daniele MAURI	
3)	Signature:	Date:
	Typed Name: Chen-Jung CHIEN	
4)	Signature: Susaxiana Li	Date: <u>6/25/2020</u>

WDT Docket Number WDA-5008-US

RECORDED: 07/02/2020

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PATENT REEL: 053105 FRAME: 0691