

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5960791

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YUANKAI ZHENG	12/18/2019
CHRISTIAN KAISER	12/18/2019
ZHITAO DIAO	12/18/2019
CHIH-CHING HU	12/18/2019
CHEN-JUNG CHIEN	12/18/2019
YUNG-HUNG WANG	12/18/2019
MING MAO	12/18/2019
MING JIANG	12/20/2019
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:	16730746
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
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 77046
ATTORNEY DOCKET NUMBER:	WESD/0339US (WDA-4475-US)
NAME OF SUBMITTER:	STEVEN H. VERSTEEG
SIGNATURE:	/Steven H. VerSteeg/

DATE SIGNED:	02/12/2020
Total Attachments: 2 source=WDA-4475-US_Assignment#page1.tif source=WDA-4475-US_Assignment#page2.tif	

ASSIGNMENT FOR PATENT APPLICATION

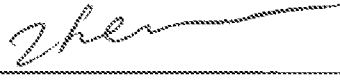

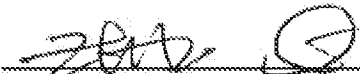
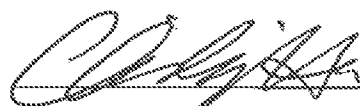

Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

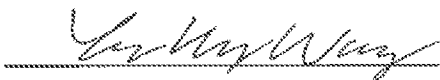
Magnetic Sensor Array with One TMR Stack Having Two Free Layers

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, and 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; and we hereby agree that WDT may apply for foreign Letters Patent on said invention and 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).

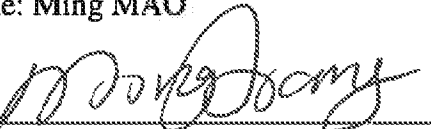
- 1) Signature:  Date: 12/18/2019
Typed Name: Yuankai ZHENG
- 2) Signature:  Date: 12-18-2019
Typed Name: Christian KAISER
- 3) Signature:  Date: 12/13/19
Typed Name: Zhitao DIAO
- 4) Signature:  Date: 12/18/2019
Typed Name: Chih-Ching HU
- 5) Signature:  Date: 12-18-19
Typed Name: Chen-jung CHIEN

6) Signature: 
Typed Name: Yung-Hung WANG

Date: 12/18/2019

7) Signature: 
Typed Name: Ming MAO

Date: 12/18/2019

8) Signature: 
Typed Name: Ming JIANG

Date: 12/20/2019