

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NAN LIU	11/02/2018
WEIDONG HUANG	11/12/2018
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:	16188260
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>	
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Correspondent Name:	JACOBSEN IP LAW - WD
Address Line 1:	1999 S. BASCOM AVE.
Address Line 2:	STE. 700
Address Line 4:	CAMPBELL, CALIFORNIA 95008
ATTORNEY DOCKET NUMBER:	WDA-3821-US
NAME OF SUBMITTER:	KRISTA S. JACOBSEN
SIGNATURE:	/Krista S. Jacobsen/
DATE SIGNED:	11/12/2018
Total Attachments: 2	
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, the person or one of the persons named below

Nan LIU of San Jose, California
Weidong HUANG of Palo Alto, CA

have sold, assigned, and transferred, and/or do hereby sell, assign, and transfer to Western Digital Technologies, Inc., a corporation having a principal place of business at 5601 Great Oaks Parkway, San Jose, CA 95119, United States ("Assignee"), for itself and its successors, transferees, and assignees, the following:

1. My entire worldwide right, title, and interest in all inventions and improvements ("Subject Matter") disclosed in the non-provisional utility patent application ("Application") titled "SLIDER GAS-BEARING SURFACE DESIGNS TO MITIGATE EFFECTS OF SMEAR IN HEAT-ASSISTED MAGNETIC RECORDING," which was filed November 12, 2018 in the United States Patent and Trademark Office and assigned United States patent application number 16/188,260; and
2. My entire worldwide right, title and interest in and to (i) the Application; (ii) all applications claiming priority from the Application; (iii) all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications, utility models, and the like that have been or shall be filed in the United States and all foreign countries relating to the Subject Matter; (iv) all patents (including reissues, reexaminations, extensions, and registrations) which may be granted on the applications set forth in (i), (ii) and (iii) above; and (v) all rights of priority to which the applications set forth in (i), (ii) and (iii) above are entitled under international conventions, treaties, national laws, or otherwise, including all rights of priority in any underlying United States provisional applications or foreign applications relating to the Subject Matter and/or to which the Application claims priority.

As part of this Assignment, I hereby agree, covenant, and represent that:

1. Assignee may apply for and receive patents for Subject Matter in Assignee's own name;
2. I will (i) execute all oaths, declarations, assignments, affidavits, powers of attorney, applications, and other papers necessary or desirable to fully secure to Assignee the rights, titles, and interests specified herein; (ii) communicate to Assignee all known facts relating to the Subject Matter; and (iii) generally do all lawful acts that Assignee shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the Subject Matter and for vesting in Assignee the rights, titles, and interests specified herein;
3. I have not previously made any assignment, grant, mortgage, license, or other agreement affecting the rights and property specified herein;

4. The terms and covenants of this Assignment shall inure to the benefit of Assignee, its successors, assigns, and transferees and shall be binding upon me, my heirs, legal representatives, and assigns; and


5. This agreement, including legal effect of any handwritten or digital signature herein, shall be governed by and construed under the law of the State of California without regard to its conflicts of law provisions.

I hereby authorize and request the Officials of the United States Patent and Trademark Office and any and all foreign Patent Offices to issue any and all Letters Patents, when granted, to said Assignee as the assignee of the entire right, title, and interest in and to the same, for the sole use of said Assignee, its successors, assigns, and transferees, to the full end of the term for which said Letters Patents may be granted.

I hereby grant Assignee or its agents the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Each person named as an assignor herein: Please sign and date below



Nan Liu (Nov 2, 2018)

Name: Nan LIU

Nov 2, 2018

Date



Weidong Huang (Nov 12, 2018)

Name: Weidong HUANG

Nov 12, 2018

Date