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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES TERRENCE OLSON	04/22/2020
HIROYUKI HOSHIYA	04/24/2020
ALEXANDER GONCHAROV	04/21/2020
MASATO SHIIMOTO	04/22/2020
MIKITO SUGIYAMA	04/28/2020

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:	16857423

CORRESPONDENCE DATA

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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: krista@jacobseniplaw.com
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ATTORNEY DOCKET NUMBER: WDA-4270-US

NAME OF SUBMITTER: KRISTA S. JACOBSEN

SIGNATURE: /Krista S. Jacobsen/

DATE SIGNED: 04/28/2020

Total Attachments: 2

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PATENT REEL: 052509 FRAME: 0833 source=WDA-4270-US inventor assignment - signed_p#page2.tif

PATENT REEL: 052509 FRAME: 0834

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

James Terrence OLSON of Santa Cruz, California Hiroyuki HOSHIYA of Odawara-shi, Kanagawa, Japan Alexander GONCHAROV of Morgan Hill, California Masato SHIIMOTO of Fujisawa-shi, Kanagawa, Japan Mikito SUGIYAMA of Odawara-shi, Kanagawa, Japan

have sold, assigned, and transferred, and/or do hereby sell, assign, and transfer to Western Digital Technologies, Inc., a Delaware 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 Utility: Non-Provisional patent application ("Application") titled "MAGNETIC WRITE HEAD WITH WRITE-FIELD ENHANCEMENT STRUCTURE INCLUDING A MAGNETIC NOTCH," which was filed <u>April 24, 2020</u> in the United States Patent and Trademark Office and assigned United States patent application number <u>16/857,423</u>; 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;

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- 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

James Terrence Obson.	Apr 22, 2020
Name: James Terrence OLSON	Date
Hirogula: Hashiga	Apr 24, 2020
Name: Hiroyuki HOSHIYA	Date
A. Geneharer	Apr 21, 2020
Name: Alexander GONCHAROV	Date
Masato Shiimoto Hasatu Shiimotu (Apr 22, 2020)	Apr 22, 2020
Name: Masato SHIIMOTO	Date
Mikito Sugiyama	Apr 28, 2020
Name: Mikito SUGIYAMA	Date

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RECORDED: 04/28/2020