PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HGST NETHERLANDS B.V.	06/25/2018

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: 3

Property Type	Number	
Application Number:	15337925	
Application Number:	14814264	
PCT Number:	WO2018078431	

CORRESPONDENCE DATA

Fax Number: (408)801-9019

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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WESTERN DIGITAL TECHNOLOGIES **Correspondent Name:**

Address Line 1: 951 SANDISK DRIVE

Address Line 2: LEGAL DEP./SIMONA BENJAMIN Address Line 4: MILPITAS, CALIFORNIA 95035

ATTORNEY DOCKET NUMBER:	HGST NL TO WD TECH
NAME OF SUBMITTER:	SIMONA BENJAMIN
SIGNATURE:	/SB/
DATE SIGNED:	08/29/2018

Total Attachments: 3

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ASSIGNMENT

WHEREAS, **HGST Netherlands B.V.**, ("Assignor"), a corporation of The Netherlands, having an address at Herikerbergweg 238, Luna ArenA, 1101 CM Amsterdam, The Netherlands, is desirous of assigning the patents, patent applications and/or inventions listed in the attached Patent Schedule (collectively, the "Patents"), which Assignor owns; and

WHEREAS, **Western Digital Technologies, Inc.** ("Assignee"), a Delaware corporation, having an address at 5601 Great Oaks Parkway, San Jose, California 95119 U.S.A., is desirous of acquiring the entire rights, title and interests in and to the Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, this assignment is hereby entered into as follows:

Assignor agrees to and does hereby assign, transfer and grant to Assignee, its legal representatives, successors, and assigns, the entire rights, title and interests in and to the Patents worldwide whether existed in the past, exist now or come into existence later, including all United States ("U.S."), non-U.S. and regional patents and patent applications worldwide (i) that claim priority, directly or indirectly, from any of the Patents, (ii) from which any of the Patents claims priority, directly or indirectly, or (iii) that claim any common priority, directly or indirectly, with any of the Patents, including all inventions in any of the foregoing, including all applications, international applications, regional applications, national applications, national stage applications, provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, substitutes, reexaminations, inter partes review applications, post grant review applications, covered business method applications, reissues, and extensions of any of the foregoing, including all patents, registrations, certificates, governmental grants, and renewals of any of the foregoing, including all rights to claim priority, file applications, and obtain grants, renewals and extensions in connection with any of the foregoing, including all rights to assert, defend and recover title in connection with any of the foregoing, and including all rights to sue and recover for any past, present and future infringement, misappropriation, violation, damages, lost profits, royalties, and payments in connection with any of the foregoing, in each case, as may have existed in the past, exist now or come into existence in the future throughout the world. Assignee accepts all of such rights, title and interests assigned herein.

Assignor does hereby agree with said assignee that Assignor will, without further or additional consideration, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect said assignee's enjoyment of this assignment or to carry out the purposes of this assignment. The words "include" and "including," and variations thereof, will not be deemed to be terms of limitation, but rather will be deemed to be followed by the word "without limitation."

Assignor authorizes and requests all Letters Patent and certificates based on any of the Patents (including the foregoing patents, patent applications, and inventions) to be issued to Assignee, its legal representatives, successors, and assigns, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, Assignor has executed this assignment as of the date written below.

HGST Netherlands B.V.	WESTERN DIGITAL TECHNOLOGIES, INC.
Ву: 544	ву: <u>ДДДД</u>
Date: 6/25/18	Date: 6 (25/18
Name: E. Earle Thompson	Name: <u>Savid Audeber</u>
Title: <u>VP, Chic+ IP Coursel</u>	Title: <u>Assistant Ceneral Coursel, P</u>

Patent Schedule

(Attached)

Patent Schedule

Jurisdiction	Application No.	Filing Date	Patent No. (if applicable)	Issue Date (if applicable)	Publication No. (if applicable)	Publication Date (if applicable)
US	15/337,925	10/28/2016			2018-0123876	5/3/2018
WO	PCT/IB2017/ 001133	9/15/2017			WO/2018/078431	5/3/2018
US	14/814,264	7/30/2015			2017-0031778	2/2/2017
AU	2016208374	7/28/2016				
CA	2936638	7/20/2016				
GB	16123101.1	7/15/2016				

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