

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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ALDO GIOVANNI COMETTI	07/31/2017
RICHARD LEO GALBRAITH	07/26/2017
JONAS ANDREW GOODE	07/26/2017
NIRANJAY RAVINDRAN	07/26/2017
ANTHONY DWAYNE WEATHERS	07/26/2017
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Postal Code:	95119
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16354039
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NAME OF SUBMITTER:	SOYEON PAK (KAREN) LAUB, REG. NO. 39,266
SIGNATURE:	/SOYEON PAK (KAREN) LAUB/
DATE SIGNED:	05/03/2019

Total Attachments: 2

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ASSIGNMENT

WHEREAS We, the undersigned, have made a certain invention as set forth in a provisional application entitled READ LEVEL TRACKING AND OPTIMIZATION, filed on June 27, 2017, and identified by United States Provisional Application No. 62/525,677, and a non-provisional patent application entitled READ LEVEL TRACKING AND OPTIMIZATION, filed on July 31, 2017, and identified by United States Patent Application No. 15/665,200 and We, the undersigned, authorize and request the practitioners appointed in said applications to insert the filing date and application number of said applications, when known;

AND WHEREAS, Western Digital Technologies, Inc. (the "Entity"), a corporation of Delaware and having an address of 5601 Great Oaks Parkway, San Jose, California 95119, is desirous of acquiring the entire rights, title and interests in and to said invention and in and to any and all Letters Patent and certificates of the United States, foreign countries and all regions worldwide which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We, the undersigned, do hereby sell, assign, transfer and set over unto the Entity, its legal representatives, successors, and assigns, the entire rights, title and interests in and to said application and said invention worldwide, including the right to claim priority, including any applications worldwide based in whole or in part on said application and/or in whole or in part on said invention as well as the right to apply for any such applications worldwide, including any international and foreign applications filed under any international or foreign patent law or treaty (including the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention for the Protection of Industrial Property, and all other treaties of like purposes, including the rights to all benefits thereunder), and including any provisionals, non-provisionals, continuations, continuations-in-part, divisions, reissues, re-examinations, inter partes reviews, post grant reviews, covered business methods, national stages, regional stages and extensions thereof, and in and to any and all patents and certificates of the United States, foreign countries and all regions worldwide which may be issued based in whole or in part on said application and/or in whole or in part on said invention, including the right to enforce such patents and certificates, including the right to sue for injunctions and recover damages and attorney fees for past, present and future infringements;

UPON SAID CONSIDERATIONS, We, the undersigned, hereby agree with said assignee that We, the undersigned, will not execute any writing or do any act whatsoever conflicting with these presents, and that We, the undersigned, will, at any time upon request, without further or additional consideration but at the expense of said assignee, 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, and render all necessary assistance in making application for and obtaining original, provisional, non-provisional, continuation, continuation-in-part, divisional, reissue, re-examination, inter partes review, post grant review, covered business method, national stage, regional stage and extension Letters Patent and certificates of the United States and/or of any and all foreign countries and regions based in whole or in part on said application and/or in whole or in part on said invention, and in enforcing

any rights or choses in action accruing as a result of such applications, patents or certificates, by giving testimony in any proceedings or transactions involving such applications, patents or certificates, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of heirs, executors, administrators, assigns and legal representatives of said assignor and assignee;


AND We, the undersigned, authorize and request all Letters Patent and certificates based on said application and/or said invention to be issued to the Entity, its legal representatives, successors or assigns, as the sole owner of the entire rights, title and interests in and to said patents, said certificates and said invention hereby assigned.

Undersigned:

7/26/17
Date


Richard David BARNDT
San Diego, California

7/21/17
Date


Aldo Giovanni COMETTI
San Diego, California

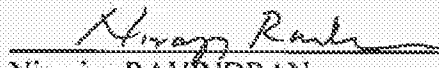
July 26, 2017
Date


Richard Leo GALBRAITH
Rochester, Minnesota

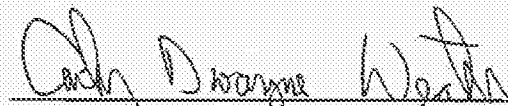
7-26-17
Date


Jonas Andrew GOODE
Lake Forest, California

July 26, 2017
Date


Niranjay RAVINDRAN
Rochester, Minnesota

7/26/2017
Date


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