506711575 06/11/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAMANATHAN MUTHIAH	10/30/2019

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:	17345676

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	10519-3929 WDA-4512-I-US
NAME OF SUBMITTER:	JOSEPH F. HETZ
SIGNATURE:	/Joseph F. Hetz/
DATE SIGNED:	06/11/2021

Total Attachments: 1

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PATENT REEL: 056516 FRAME: 0596

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ASSIGNMENT OF PATENT APPLICATION

Whereas we, the undersigned inventors, have invented certain new and useful improvements as set forth in the patent application entitled:

ENCODING DIGITAL VIDEOS USING CONTROLLERS OF DATA STORAGE DEVICES

(Attorney Docket No. W104686 1090US.1) for which we have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned inventors, hereby:

- 1) Sell, assign and transfer to Western Digital Technologies, Inc., a Delaware corporation having a place of business at 5601 Great Oaks Parkway, San Jose, CA 95119. (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventors, as well as the inventors' heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) If this assignment is submitted for recordation at a time other than at the time of filing said patent application, Assignor hereby authorizes the above-mentioned assignee or the attorney of record to insert in this instrument the filing date and serial number of said application after the same shall have been identified by the United States Patent Office:

Paten	tt Application Serial No. 16/670,112		
Filing	g Date: October 31, 2019		
Signe	ed on the date indicated beside my signate	ure.	
Signature:		Date: 30th out 2019	gr _i gam.
	Ramanathan MUTHIAH		

Attorney Docket No. W104686 1090US.1 (WDA-4512-US)