

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6166617

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AMIT SHARMA	06/19/2020
ABHINANDAN VENUGOPAL	06/23/2020
DINESH KUMAR AGARWAL	06/19/2020
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:	16896029
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>	
Phone:	213.443.7506
Email:	daniel.wityak@arentfox.com, patentdocket@arentfox.com
Correspondent Name:	ARENT FOX LLP
Address Line 1:	555 WEST FIFTH STREET, 48TH FLOOR
Address Line 4:	LOS ANGELES, CALIFORNIA 90013
ATTORNEY DOCKET NUMBER:	034414.00851
NAME OF SUBMITTER:	DANIEL WITYAK
SIGNATURE:	/Daniel Wityak/
DATE SIGNED:	06/23/2020
Total Attachments: 4	
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source=851_Assignment#page3.tif	
source=851_Assignment#page4.tif	

ASSIGNMENT

WHEREAS, WE

1. **Amit Sharma**, a citizen of **INDIA**, having a mailing address of **c/o Western Digital Technologies, Inc., 5601 Great Oaks Parkway, San Jose, CA, 95119**, and a residency of **Bangalore, Karnataka, INDIA**,
2. **Abhinandan Venugopal**, a citizen of **INDIA**, having a mailing address of **c/o Western Digital Technologies, Inc., 5601 Great Oaks Parkway, San Jose, CA, 95119**, and a residency of **Bangalore, Karnataka, INDIA**,
3. **Dinesh Kumar Agarwal**, a citizen of **INDIA**, having a mailing address of **c/o Western Digital Technologies, Inc., 5601 Great Oaks Parkway, San Jose, CA, 95119**, and a residency of **Bangalore, Karnataka, INDIA**;

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to

Controlled Die Asymmetry During MLC Operations For Optimal System Pipeline

(collectively the “**INVENTIONS**”) for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, **WESTERN DIGITAL TECHNOLOGIES, INC.** (hereinafter “**ASSIGNEE**”), a corporation, having a place of business at **5601 Great Oaks Parkway, San Jose, CA, 95119** (hereinafter “**ASSIGNEE**”), desires to acquire or otherwise obtain the entire right, title, and interest in and to said **INVENTIONS**, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto **ASSIGNEE**, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said **INVENTIONS**, including all patent applications therefor that may have been filed or may be filed hereafter for said **INVENTIONS** in the United States, including but not limited to **U.S. Application No(s) 16/896,029 filed June 8, 2020**, and all provisional applications relating thereto, (and do hereby authorize **ASSIGNEE** and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto **ASSIGNEE**, its successors, its legal representatives, and its assigns, all rights of priority under International

Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

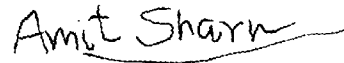
AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents;

AND WE DO HEREBY consent and agree to the use of electronic signature tools, including without limitation DocuSign, for the purposes of electronically signing this ASSIGNMENT, if the use of an electronic signature tool is so elected.

Done at Bangalore, Karnataka, India, on 6/19/2020
LOCATION DATE



Amit Sharma

Done at _____, on _____
LOCATION DATE

Abhinandan Venugopal

Done at _____, on _____
LOCATION DATE

Dinesh Kumar Agarwal

Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

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Done at _____, on _____
LOCATION DATE

Amit Sharma

Done at Bangalore/Karnataka, India, on 6/23/2020
LOCATION DATE

Abhinandan Venugopal
Abhinandan Venugopal

Done at _____, on _____
LOCATION DATE

Dinesh Kumar Agarwal

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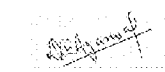
Done at _____, on _____
LOCATION DATE

Amit Sharma

Done at _____, on _____
LOCATION DATE

Abhinandan Venugopal

Done at Bangalore, India, on 6/19/2020
LOCATION DATE



Dinesh Kumar Agarwal