

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ERAN SHARON	12/08/2021
RAN ZAMIR	12/08/2021
DAVID AVRAHAM	12/08/2021
IDAN ALROD	12/08/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WESTERN DIGITAL TECHNOLOGIES, INC.
<b>Street Address:</b>	5601 GREAT OAKS PARKWAY
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95119
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17545051
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<b>ATTORNEY DOCKET NUMBER:</b>	212420-9105-US01
<b>NAME OF SUBMITTER:</b>	LAURA A. CHRISTIANSEN
<b>SIGNATURE:</b>	/Laura A. Christiansen/
<b>DATE SIGNED:</b>	12/08/2021
<b>Total Attachments: 2</b>	
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source=212420-9105-US01 Executed Assignment (recorded)#page2.tif	

## ASSIGNMENT

Pursuant to my/our obligation to **WESTERN DIGITAL TECHNOLOGIES, INC.**  
(hereinafter referred to as "Assignee"), having its principal place of business at:

5601 Great Oaks Parkway  
San Jose, CA 95119

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,  
I/we:

**Eran Sharon**  
Rishon Lezion, ISRAEL

**Ran Zamir**  
Ramat Gan, ISRAEL

**David Avraham**  
Even Yehuda, ISRAEL

**Idan Alrod**  
Herzeliya, ISRAEL

confirm my/our obligation to and hereby sell, assign and convey, unto Assignee, its successors  
and assigns, my/our entire right, title and interest -

(1) in and to inventions described in a patent application titled "**MEMORY MATCHED  
LOW DENSITY PARITY CHECK CODING SCHEMES**" for which I/we filed United States Non-  
Provisional Utility Patent Application No. 17/545,051 on December 8, 2021 (hereinafter  
the "U.S. utility patent application") (Attorney Docket No. 212420-9105-US01);

(2) in and to the U.S. utility patent application, in and to all other patent applications  
(including divisional, continuation, continuation-in-part, 35 U.S.C. §111(b) provisional, 35 U.S.C.  
§111(a), and reissue applications) based upon said inventions, and in and to the patent or  
patents to be granted thereon, to the full end of the term or terms for which said patent or  
patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries  
foreign to the United States of America, and in and to any and all patents granted on said  
applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the U.S. utility patent application,  
and agree that any patent applications of any foreign countries which may be filed shall be filed

**PATENT**

in the name of my/our Assignee with a claim to priority based on the U.S. utility patent application.

I/We hereby authorize the assignee or attorney of record to insert in the appropriate place in this document the application number of my/our application after execution of this Assignment. I/We consent to electronically signing this assignment.

I/We hereby agree that I/we will, upon demand of Assignee, its successors or assigns, and without further consideration to me/us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me/us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

12 / 08 / 2021

Date

*Eran Sharon*

Eran Sharon

12 / 08 / 2021

Date

*Ran*

Ran Zamir

12 / 08 / 2021

Date

*David Avraham*

David Avraham

12 / 08 / 2021

Date

*Idan Alrod*

Idan Alrod