# 506477523 01/29/2021 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DA	ATA			
		Name	Execution Date	
FADI EL HALLAK			01/20/2021	
MICHAEL GERALD BOY	ΊLΕ		01/20/2021	
PAULA FRANCES MCEI	HINNE	Y	01/04/2021	
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PROPERTY NUMBERS	Total: 1			
Drenarty Type		Number		
Property Type				
Application Number:		17162182		
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	ATA			
Application Number: CORRESPONDENCE D Fax Number:		(612)305-1228		
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## PATENT REEL: 055082 FRAME: 0174

## **Total Attachments: 2**

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#### COMBINED ASSIGNMENT AND DECLARATION

WHEREAS, Fadi El Hallak; Michael Geraid Boyle; Paula Frances McElhinney; Marcus Benedict Mooney; Aidan Dominic Goggin; and Cillian Macdara OBriain Fallon, having a mailing address of 47488 Kato Road, Fremont, CA 94538, are the inventors of an invention entitled SELF-ASSEMBLY OF TRANSFER PRINTED LASERS that is the subject matter of: (check all that apply)

- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office
- by Application No. \_\_\_\_\_\_\_filed on \_\_\_\_\_\_\_filed on \_\_\_\_\_\_\_filed on \_\_\_\_\_\_\_filed by an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_\_\_filed on \_\_\_\_\_\_and/or executed on even date herewith: and
- an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. \_\_\_\_\_\_ filed on ; and/or executed on even date herewith:

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 47488 Kato Road, Fremont, CA 94538 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW. THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignce, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-inpart applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

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Rev: 10/18/2012

PATENT REEL: 055082 FRAME: 0176

Attorney Docket No.: 0430.074536US01 Seagate Docket No.: STL074536.00US01

Fadi El Hallak (Inventor)

Z-3/1/2-1 Date

Michael Gerald Boyls (Inventor)

<u>Z-0/1/2-1</u> Date

Paula Frances McElhinney (Inventor)

\*\*\*\*\*\*\*\*

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Date

Marcus Benedict Mooney (Inventor)

0/4/01/2021, Date

Aidan Dominic Goggin (Inveritor)

Cillian Macdara OBriain Failon (Inventor)

Date

 $\frac{4/1/2.021}{\text{Date}}$ 

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U.S. Assignment - Seagate Technology LLC - Confidential

## **RECORDED: 01/29/2021**