506709408 06/10/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6756227

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMY JO BERGERUD	02/10/2021
ANDREW JOSEPH BOYNE	04/12/2021
KURT W. WIERMAN	02/20/2021
JOEL W. HOEHN	02/10/2021

RECEIVING PARTY DATA

Name:	me: SEAGATE TECHNOLOGY LLC	
Street Address: 47488 KATO RD		
City: FREMONT		
State/Country: CALIFORNIA		
Postal Code:	94538	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	17028676		

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 651 351 2900

Email: blichtscheidl@kaganbinder.com

Correspondent Name: KAGAN BINDER, PLLC - SEAGATE TECHNOLOGY

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Address Line 2: SUITE 200

Address Line 4: STILLWATER, MINNESOTA 55082

ATTORNEY DOCKET NUMBER:	STL 071758.00 (STL0165/US	
NAME OF SUBMITTER:	BETHANY LICHTSCHEIDL	
SIGNATURE:	/Bethany Lichtscheidl/	
DATE SIGNED:	06/10/2021	

Total Attachments: 6

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PATENT 506709408 REEL: 056504 FRAME: 0633

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> PATENT REEL: 056504 FRAME: 0634

COMBINED ASSIGNMENT-DECLARATION

Seagate Docket No. :STL 071758.00 US STL0165/US

WHEREAS Amy Jo Bergerud having an address at c/o Seagate Technology LLC, 47488 Kato Road, Fremont, CA 94538; Andrew Joseph Boyne having an address at 42 WHETTEN ROAD, WEST HARTFORD, CT 06117; Daniel Richard Buettner having an address at 15234 Florist Circle, Apple Valley, MN 55124; Kurt W. Wierman having an address at 16460 N. MANOR RD, Eden Prairie, MN 55346; and Joel W. Hoehn having an address at c/o Seagate Technology LLC, 47488 Kato Road, Fremont, CA 94538; are the inventor(s) of an invention entitled METHODS OF MANUFACTURING ONE OR MORE SLIDERS, AND RELATED SLIDERS: that is the subject matter of: (check all that apply)

Ш	a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office
	by Application Nofiled on;
\boxtimes	an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by
	Application No 17/028,676 filed on September 22, 2020 and/or executed on even date herewith:
	an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is
	identifiable in the United States Receiving Office by Application Nofiled 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 Rd, 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 Assignee, 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-in-

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part 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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Amy Je Berger	2/10/21
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Andrew Joseph	Boyne
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Daniel Richard	Buettner
	Date
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Kurt W. Wierma	in
	Date
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#130124

Joel W. Hoehn

COMBINED ASSIGNMENT-DECLARATION

Seagate Docket No. :STL 071758.00 US STL0168/US

WHEREAS Amy Jo Bergerud having an address at c/o Seagate Technology LLC, 47486 Kato Road, Fremont, CA 94538; Andrew Joseph Boyne having an address at 42 WHETTEN ROAD, WEST HARTFORD, CT 06117; Daniel Richard Buetiner having an address at 15234 Florist Circle, Apple Valley, MN 55124; Kurt W. Wierman having an address at 16460 N. MANOR RD, Eden Prairie, MN 55346; and Joel W. Hoehn having an address at c/o Seagate Technology LLC, 47488 Kato Road, Fremont, CA 94538; are the inventor(s) of an invention entitled METHODS OF MANUFACTURING ONE OR MORE SLIDERS, AND RELATED SLIDERS: that is the subject matter of: (check all that apply)

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	and
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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 Rd, 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 Assignee, 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.

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part 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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Kurt W. Wermai	·············
	Date
Joel W. Hoehn	
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Seagate Docket No.: STL 071758.00 US STL0165/US

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by Application No filed on;	
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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.

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U.S. Assignment - Seagate Technology LLC - Confidential -1-Rev: 10/14/2020 part 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.

Amy Jo Bergerud	ı	
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Andrew Joseph E	Boyne	2021-04-12
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Daniel Richard Bo	uettner	•
	Date	
Kurt W. Wierman		
	Date	
Joel W. Hoehn		
	Date	

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RECORDED: 06/10/2021