505255412 12/28/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5302183

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DECLAN MACKEN	12/08/2017
MICHAEL THOMAS JOHNSON	12/08/2017
TODD MICHAEL LAMMERS	12/29/2017
KENT EDWARD BODURTHA	12/08/2017

RECEIVING PARTY DATA

Name:	SEAGATE TECHNOLOGY LLC	
Street Address:	reet Address: 10200 S. DE ANZA BLVD	
City: CUPERTINO		
State/Country:	CALIFORNIA	
Postal Code: 95014		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16234831

CORRESPONDENCE DATA

Fax Number: (651)351-2954

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: rwolff@kaganbinder.com

Correspondent Name: SEAGATE/KAGAN BINDER, PLLC MAPLE ISLAND

Address Line 1: 221 MAIN STREET NORTH

Address Line 2: SUITE 200

Address Line 4: STILLWATER, MINNESOTA 55082

ATTORNEY DOCKET NUMBER:	STL 073056.00 (STL0098US)
NAME OF SUBMITTER:	JENNIFER M. BARNES
SIGNATURE:	/Jennifer M. Barnes/
DATE SIGNED:	12/28/2018

Total Attachments: 4

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PATENT 505255412 REEL: 047866 FRAME: 0147

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> PATENT REEL: 047866 FRAME: 0148

COMBINED ASSIGNMENT-DECLARATION

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 10200 S. De Anza Blvd, Cupertino, CA 95014 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;

; and/or executed on even date herewith:

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, little 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-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.

Rev: 10/18/2012

Seagate Docket No.: STL 073056.01 US

Declan Macken 8 Dec 2017
Date

Michael Thomas Johnson - 7 - 17
Date

Todd Michael Lammers

Date

Kent Edward Boduntha

Date

COMBINED ASSIGNMENT-DECLARATION

Seagate Docket No.: STL 073056,01 US

STL0098/P1

WHEREAS, Declan Macken of 10136 Wild Duck Pass, Eden Prairie, Minnesota 55347; Michael Thomas Johnson of 4841 Drew Avenue South, Minneapolis, Minnesota 55410; Todd Michael Lammers of 1293 Ptarmigan Ct., Lafayette, Colorado 80026; and Kent Edward Boduriha of 6633 1st Avenue South, Richfield, Minnesota 55423, is/are the inventor(s) of an invention entitled: BOND-PAD SHARING FOR HEAD-LEVEL THERMOCOUPLE that is the subject matter of: (check all that apply)

\boxtimes	a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office					
	by Application Nofiled on;					
	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 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 10200 S. De Ariza Blvd, Cupertino, CA 95014 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-part applications, material information which became available between the filling date of the prior application and the national or PCT international filling date of the continuation-in-part application.

Rev: 10/18/2012

Declan Macken		* ;.
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Michael Thoma	s Johnson	
	Date	
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V	Date /	
Kent Edward Bo	odurtha	
	Date	

Rev: 10/18/2012