PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3770796

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
GARY JOSEPH KUNKEL	01/21/2016
RAUL HORACIO ANDRUET	01/20/2016
JAMES GARY WESSEL	01/20/2016

RECEIVING PARTY DATA

Name:	Seagate Technology LLC	
Street Address:	10200 South DeAnza Boulevard	
City:	Cupertino	
State/Country:	CALIFORNIA	
Postal Code:	95014	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15001475

CORRESPONDENCE DATA

Fax Number: (952)854-2722

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: 952-854-2700

Email: tdotter@hdpatlaw.com **Correspondent Name: HOLLINGSWORTH DAVIS** Address Line 1: 8000 W. 78TH STREET

Address Line 2: SUITE 450

Address Line 4: MINNEAPOLIS, MINNESOTA 55439

ATTORNEY DOCKET NUMBER:	STB.218.A1	
NAME OF SUBMITTER:	MARK A. HOLLINGSWORTH	
SIGNATURE:	/Mark A. Hollingsworth/	
DATE SIGNED: 03/07/2016		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

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> **PATENT** REEL: 037907 FRAME: 0041 503724155

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> PATENT REEL: 037907 FRAME: 0042

Attorney Docket No.: STB.218.A1 Seagate Docket No.: STL071096.00US

COMBINED ASSIGNMENT AND DECLARATION

WHEREAS, Gary Joseph Kunkel of 4545 Harriet Avenue South, Minneapolis, MN 55419; Raul Horacio Andruet of 2372 Grey Eagle Drive, Woodbury, MN 55129; and James Gary Wessel of 9312 Hillsboro Place, Savage, MN 55378, are the inventors of an invention entitled WRITE COIL COOLING ARRANGEMENT AT AIR BEARING SURFACE 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 ______;
an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 15/001,475 filed on January 20, 2016 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 10200 S. De Anza Bivd, 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

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is nereby 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 filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Rev: 10/18/2012

Attorney Docket No.: STB.218.A1 Seagate Docket No.: STL071096.00US

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		Gary Joseph Kunkel (Inventor) 5AD 21, 2016 Date
***********************	*****************************	**************************************
		Raul Horacio Andruet (Inventor)
		Date
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		James Gary Wessel (Inventor)
		Date
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Attorney Docket No.: STB.218.A1 Seagate Docket No.: STL071096.00US

COMBINED ASSIGNMENT AND DECLARATION

WHEREAS, Gary Joseph Kunkel of 4545 Harriet Avenue South, Minneapolis, MN 55419; Raul Horacio Andruet of

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;

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 filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

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	Gary Joseph Kunkel (Inventor)
	Date
	Raul Horacio Andruet (Inventor) 20/1/16 Date
***************************************	James Gary Wessel (Invertor) 20-Jan - 2016 Date

Rev. 10/18/2012

RECORDED: 03/07/2016