503074705 11/24/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT3121309

CONVEYING PARTY DATA

Name	Execution Date
JON D. TRANTHAM	11/10/2014
TIM RAUSCH	11/10/2014
JOHN W. DYKES	11/10/2014
EDWARD C. GAGE	11/12/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14552139

CORRESPONDENCE DATA

Fax Number: (405)553-2855

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: 405-553-2828

Email: danderson@hallestill.com

Correspondent Name: HALL ESTILL ATTORNEYS AT LAW
Address Line 1: 100 NORTH BROADWAY, SUITE 2900
Address Line 4: OKLAHOMA CITY, OKLAHOMA 73102-8820

ATTORNEY DOCKET NUMBER: STL070118

NAME OF SUBMITTER: RANDALL K. MCCARTHY

SIGNATURE: /Randall K. McCarthy/

DATE SIGNED: 11/24/2014

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

source=2014-11-24-Assignment#page1.tif source=2014-11-24-Assignment#page2.tif

PATENT 503074705 REEL: 034253 FRAME: 0763

source=2014-11-24-Assignment#page3.tif source=2014-11-24-Assignment#page4.tif source=2014-11-24-Assignment#page5.tif

> PATENT REEL: 034253 FRAME: 0764

ASSIGNMENT

Seagate Docket No.: STL070118

WHEREAS, Jon D. Trantham of 7465 Fawn Hill Road, Chanhassen, MN 55317, Tim Rausch of 19600 Cambridge Court, Farmington, MN 55024, John W. Dykes of 9329 Shetland Road, Eden Prairie, MN 55347 and Edward C. Gage of 5234 167th Street West, Lakeville, MN 55014 is/are the inventor(s) of an invention entitled <u>DATA LOSS MITIGATION IN A HEAT ASSISTED MAGNETIC RECORDING DATA STORAGE DEVICE</u> that is the subject matter of: (check all that apply)

\boxtimes	a provisional application for L	etters Patent which is identifiable in t	he United States Patent and Trademark Office
	by Application No.	filed on	<u> </u>
	an application for Letters Pat	ent which is identifiable in the United	States Patent and Trademark Office by
	Application No	filed on	and/or executed on even date
	herewith: and		
		r Letters Patent filed pursuant to the	
	identifiable in the United Stat	es Receiving Office by Application No	o filed on
	; ar	d/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 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.

Rev: 10/18/2012

	Jon D. Trantham (Inventor) 11/10/2014
State of MU	Date
County of Acutt	
On 11-10-14 before me, Pho	nda Carl
	nsert name and title of the officer)
personally appeared	(Inventor), who proved to me on the subscribed to the within instrument and acknowledged to me and that by his/her signature on the instrument the person, or e instrument.
certify under PENALTY OF PERJURY under the laws of the paragraph is true and correct.	State of that the foregoing
WITNESS my hand and official seal.	
Signature of Notary Public (Seal)	RHONDA M. CARL Notary Public-Minnesota My Commission Expires Jan 31, 2016

	Tim Rausch (Inventor)
State of 40 N	Date
County of Autt	
On //-/0-/4 before me, Phy	nda Parl
On	(insert name and title of the officer)
personally appeared	(Inventor), who proved to me on the is subscribed to the within instrument and acknowledged to me y, and that by his/her signature on the instrument the person, or he instrument.
I certify under PENALTY OF PERJURY under the laws of th paragraph is true and correct.	e State of that the foregoing
WITNESS my hand and official seal.	
Signature of Notary Public (Seal)	HONDA M CAPL Notary Public-Minnesota My Commission Expires Jan 31, 2016

Only on ser
John W. Dykes (Inventor) 10 November 2014
State of
County of State
On 11-10-14 before me, Phinda Cash (insert name and title of the officer)
personally appeared
I certify under PENALTY OF PERJURY under the laws of the State of that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
Signature of Notary Public Signature of Notary Public Notary Public-Minnesota My Commission Expires Jan 31, 2016

	ELI CAL
	Edward C. Gage (Inventor)
State of	Date
County of <u>Scatte</u>	
On	nsert name and title of the officer)
personally appeared Edward (feature and the basis of satisfactory evidence to be the person whose name is that he/she executed the same in his/her authorized capacity, the entity upon behalf of which the person acted, executed the	(Inventor), who proved to me on the subscribed to the within instrument and acknowledged to me and that by his/her signature on the instrument the person, or a instrument.
I certify under PENALTY OF PERJURY under the laws of the paragraph is true and correct.	State of that the foregoing
WITNESS my hand and official seal.	
Signature of Notary Public	RHONDA M. CARL Notary Public-Minnesota My Commission Expires Jan 31, 2018

Rev: 10/18/2012

RECORDED: 11/24/2014