503663080 01/25/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3709714

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JON TRANTHAM	04/24/2015
TODD LAMMERS	04/29/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15005633

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 LAWAddress Line 1:100 NORTH BROADWAY, SUITE 2900Address Line 4:OKLAHOMA CITY, OKLAHOMA 73102

ATTORNEY DOCKET NUMBER:	STL070685.1
NAME OF SUBMITTER:	RANDALL K. MCCARTHY
SIGNATURE:	/Randall K. McCarthy/
DATE SIGNED:	01/25/2016

Total Attachments: 2

source=2016-01-25-Assignment#page1.tif source=2016-01-25-Assignment#page2.tif

PATENT 503663080 REEL: 037575 FRAME: 0428

COMBINED ASSIGNMENT-DECLARATION

WHEREAS, Jon Trantham of 7465 Fawn Hill Road, Chanhassen, MN 55317 and Todd Lammers of 1293 Ptarmigen

Seagale Dockel No.:

STL070685

Ct.,	Lafayette, CO 80026 is/are the inventor(s) of an invention entitled <u>STORAGE DEVICE WITH ADAPTIVE</u>			
<u>VQ</u>	LTAGE GENERATION SYSTEM that is the subject matter of: (check all that apply)			
gazzarq				
L	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 filed on and/or executed on even date			
	herewith: and			
an international application for Letters Palent 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 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 filling date of the prior application and the national or PCT international filling date of the continuation-in-part application.

Rev: 10/18/2012

Jon Trantham (Inventor)

Date

Tody Lammurs, (Inventor)

Date

2

Rev: 10/18/2012

RECORDED: 01/25/2016