PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2636203

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL W. OLSON	11/26/2013
DECLAN MACKEN	11/26/2013

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:	14091451

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NAME OF SUBMITTER:	MARA E. DEBOE
Signature:	/Mara E. DeBoe/
Date:	12/04/2013

502590024 REEL: 031712 FRAME: 0874

OP \$40.00 1409145

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

Total Attachments: 2

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PATENT REEL: 031712 FRAME: 0875

DECLARATION AND ASSIGNMENT

WHEREAS, We, DANIEL W. OLSON, of 333 8th Street SE, #219, Minneapolis, MN 55414 and DECLAN MACKEN,

of 14572 Rosewood Road, Prior Lake, MN 55372, are the inventors of an invention entitled SLIDER HAVING HEATER WITH ADJACENT HIGH THERMAL CONDUCTIVITY LAYER 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. _______ 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 ______ filed on _______ filed on ________ filed on ________ filed on _______ filed on ________ filed on _______ filed on ________ filed on _______ filed on _______ filed on ________ filed on ________ filed on ________ fil

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

Dail Woh	
DANIEL W. OLSON (Inventor)	
State of Minnesota)	
County of Herinepin) On NOV. 26, 2013 before me, NOV. 550 EICHEU, NOTAVY (insert name and title of the officer)	
personally appeared	9
I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and correct.	
WITNESS my hand and official seal. MELISSA A EICHTEN NOTARY PUBLIC - MINNESOTA	
Signature Signature of Notary Public (Seal)	
DECLAN MACKEN (Inventor)	
State of Minnesota)	
County of Hennepin)	
On NOV 24, 2013 before me, MClissa Eichten, Notary (insert name and title of the officer)	
personally appeared	e
I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and correct.	
WITNESS my hand and official seal. MEUSSA A EICHTEN NOTARY PUBLIC - MINNESOTA NY COMMISSION EXPIRES 01/31/17 NY COMMISSION	
Signature of Notary Public	

U.S. Assignment - Seagate Technology LLC

RECORDED: 12/04/2013

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PATENT Rev: 10/18/2012 **REEL: 031712 FRAME: 0877**