503578396 11/20/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MARK THOMAS KIEF	12/04/2014
KEVIN A. MCNEILL	12/09/2014

RECEIVING PARTY DATA

Name:	SEAGATE TECHNOLOGY LLC	
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State/Country:	e/Country: CALIFORNIA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14946813

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NAME OF SUBMITTER:	RANDALL K. MCCARTHY
SIGNATURE:	/Randall K. McCarthy/
DATE SIGNED:	11/20/2015

Total Attachments: 3

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PATENT 503578396 REEL: 037095 FRAME: 0467

ASSIGNMENT

Seagate Docket No.: STL070230.01

WHEREAS, Mark Thomas Kief of 21812 Wagon Wheel Trail, Lakeville, MN and Kevin A. McNeill of 28 Westlake, Derry, UK BT47 6SW is/are the inventor(s) of an invention entitled <u>DATA READER WITH PINNED FRONT SHIELD</u> that is the subject matter of: (check all that apply)

\boxtimes	provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office
	ny Application No. filed on
X	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
	nerewith: and
П	an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is
	dentifiable 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-inpart 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

	Det 7/201/
State ofN	Date
County of Hennepin	lelissa Eichten, Notary (Insert name and title of the officer)
On Dec. 4 2014 before me, N	lelissa Eichten, Notary
·	(insert name and title of the officer)
personally appeared Mark T. Kit	(Inventor), who proved to me on the ame is subscribed to the within instrument and acknowledged to me
that he/she executed the same in his/her authorized cap	acity, and that by his/her signature on the instrument the person, or
the entity upon behalf of which the person acted, execute	
I certify under PENALTY OF PERJURY under the laws of paragraph is true and correct.	of the State of that the foregoing
WITNESS my hand and official seal.	MELISSA A EICHTEN NOTARY PUBLIC - MINNESOTA
	MY COMMISSION EXPIRES 01/31/17
Signature WEli 8M Eichter Sea	
Signature of Notary Public	

Main McNall
Kevin A. McNell (Inventor)

Subscribed and swom to before me at Spring form, a witness, this 9 day of Dec., 2014.

U.S. Assignment - Seagate Technology LLC - Confidential

Rev: 10/18/2012