502565883 11/12/2013

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GARY J. KUNKEL	10/09/2013
DAVID J. ELLISON	10/10/2013
AJAYKUMAR RAJASEKHARAN	10/15/2013

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:	14055143

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	STL0036/US
NAME OF SUBMITTER:	MARA E. DEBOE
Signature:	/Mara E. DeBoe/
	PATENT

PATENT REEL: 031584 FRAME: 0515 502565883

Date:	11/12/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=2013_10_15_Signed_Declaration_and_Assignment#page1.tif source=2013_10_15_Signed_Declaration_and_Assignment#page2.tif source=2013_10_15_Signed_Declaration_and_Assignment#page3.tif	

PATENT REEL: 031584 FRAME: 0516

DECLARATION AND ASSIGNMENT

WHEREAS, We, GARY J. KUNKEL, of 4545 Harriet Avenue, Minneapolis, MN 55419, DAVID J. ELLISON of 4441

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

AJAYKUMAR RAJASEKHARAN (Inventor

State of Colorado

County of Baller

on antalist is 2012 before me.

personally appeared (Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Colorado that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Second Fifth

(Seal)

Signature of Notary Public

(insert name and title of the officer)

ŽEINA ČITTLEIN NOTARY PUBLIC STATE OF COLORADO

MY COMMISSION EXPIRES 12/2/2013

GARY J. KONKEL (Inventor)
COT 01 2015
Date
State of Minnesota)
County of Hennepin) On Ochober 9th, 3013 before me, <u>Siane M. Chapman</u> (insert name and title of the officer)
personally appeared (oacy of Kunke) (Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
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.
Signature Annual (Seal) Signature of Notan/Public Diane M. Chapman Sty Commission Explose January 31, 2018
DAVID J. ELLISON (Inventor)
State of Minnesota)
County of Hennepin) On OCHOBER 10,2013 before me, Diane M. Chaoman (insert name and title of the officer)
personally appeared
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. Diane M. Chapman New Public, State of Minancial Ap Commission Exprise January 21, 2018
Signature Signature of Notary Public

U.S. Assignment - Seagate Technology LLC

RECORDED: 11/12/2013

2 OF 3