503912919 07/13/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3959572

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
JAMES DILLON KIELY	07/01/2016	
JOHN CHARLES DUDA	07/01/2016	
PATRICK CARL FLETCHER	07/01/2016	
ANDREI DOROBANTU	06/30/2016	
JON D. TRANTHAM	06/30/2016	

RECEIVING PARTY DATA

Name:	Seagate Technology LLC	
Street Address:	10200 South DeAnza Boulevard	
City:	Cupertino	
State/Country:	CALIFORNIA	
Postal Code:	95014	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15190462

CORRESPONDENCE DATA

Fax Number: (952)854-2722

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.

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Correspondent Name: HOLLINGSWORTH DAVIS

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Address Line 2: SUITE 450

Address Line 4: MINNEAPOLIS, MINNESOTA 55439

ATTORNEY DOCKET NUMBER: STB.244.A1	
NAME OF SUBMITTER: MARK A. HOLLINGSWORTH	
SIGNATURE: /Mark A. Hollingsworth/	
DATE SIGNED:	07/13/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT 503912919 REEL: 039145 FRAME: 0892

Total Attachments: 6 source=DEC-STB244A1#page1.tif source=DEC-STB244A1#page2.tif source=DEC-STB244A1#page3.tif source=DEC-STB244A1#page4.tif source=DEC-STB244A1#page5.tif source=DEC-STB244A1#page5.tif

PATENT REEL: 039145 FRAME: 0893

Attorney Docket No.: STB.244,A1 Seagate Docket No.: STL070439.00US

COMBINED ASSIGNMENT AND DECLARATION

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

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Attorney Docket No.: STB.244.A1 Seagate Docket No.: STL070439,00US

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	Andrei Dorobantu (Inventor)
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	Jon D. Trantham (inventor)
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Attorney Docket No.: STB.244.A1

Seagate Docket No.: STL070439.00US

COMBINED ASSIGNMENT AND DECLARATION

Avenue South, Bloomington, MN 58 Dorobantu of 3752 Park Blvd., Unit Chanhassen, MN 55317, are the in-	7204 Lanham Lane, Edina, MN 55439; Joh 5431; Patrick Carl Fletcher of 5705 Cedar I 604, San Diego, CA 92103; and Jon D. Tr ventors of an invention entitled <u>LASER PO</u> NG DEVICE USING A RESISTIVE SENSO natter of: (check all that apply)	Lane, Minnetonka, MN 55345; Andrei antham of 7465 Fawn Hill Road, WER MONITORING IN A HEAT-
a provisional application for Lett by Application No	ters Patent which is identifiable in the Unite	d States Patent and Trademark Office
Application No. 15/190,462 filed	t which is identifiable in the United States P I on <u>June 23, 2016</u> and/or executed on eve etters Patent filed pursuant to the Patent C	Patent and Trademark Office by an date herewith: and
identifiable in the United States I	Receiving Office by Application No. r executed on even date herewith:	filed on
of Delaware and the United States o USA, ("Assignee") is desirous of acq	.C, a limited liability company organized an f America, and having offices at 10200 S. I luiring the entire right, title and interest in a hilar foreign or domestic legal protection;	De Anza Bivd, Cupertino, CA 95014
NOW, THEREFORE, for good and vacknowledged, I transfer to Assigne	valuable consideration, the receipt and ad e, its successors and assigns, my entire r	equacy of which is hereby ight, 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.

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U.S. Assignment - Seagate Technology LLC - Confidential

Rev: 10/18/2012

Attorney Docket No.: STB.244.A1

Seagate Docket No.: STL070439.00US

	James Dillon Kiely (Inventor)
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	John Charles Duda (Inventor)
	Date
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	Patrick Carl Fletcher (Inventor)
	Date
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	And All
	Andrei Dorobantu (Inventor)
	6/3/16 Date
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	Jon D. Trantham (Inventor)
	Date
4	34 A 545

Attorney Docket No.: STB.244.A1

Seagate Docket No.: STL070439.00US

COMBINED ASSIGNMENT AND DECLARATION

WHEREAS, James Dillon Kiely of 7204 Lanham Lane, Edina, MN 55439; John Charles Duda of 11001 Thomas

AVI	enue South, bloomington, MN	55431; Patrick Carl Fletcher of 5705 Cedar Lane	, Minnetonka, MN 55345; Andrei
Do	robantu of 3752 Park Blvd., Ui	nit 604, San Diego, CA 92103; and Jon D. Trantha	am of 7465 Fawn Hill Road.
Ch	anhassen, MN 55317, are the	inventors of an invention entitled LASER POWER	R MONITORING IN A HEAT-
AS	SISTED MAGNETIC RECORI	DING DEVICE USING A RESISTIVE SENSOR A	ND HIGH-FREQUENCY LASER
MC	<u>IDULATION</u> that is the subject	matter of: (check all that apply)	
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	a provisional application for L	etters Patent which is identifiable in the United St	ates Patent and Trademark Office
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	Application No. 15/190,462 fil	ed on June 23, 2016 and/or executed on even da	te herewith: and
	an international application fo	Letters Patent filed pursuant to the Patent Coop	eration Treaty which is
	identifiable in the United State	s Receiving Office by Application No.	filed on
	;ani	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.

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U.S. Assignment - Seagate Technology LLC - Confidential

Rev: 10/18/2012

Attorney Docket No.: ST8.244,A1 Seagate Docket No.: STL070439,00US

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