

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2654961

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>KAIZHONG GAO</td> <td>12/06/2013</td> </tr> <tr> <td>WILLIAM ALBERT CHALLENGER</td> <td>11/07/2013</td> </tr> <tr> <td>MARK HENRY OSTROWSKI</td> <td>10/30/2013</td> </tr> <tr> <td>VENKATESWARA RAO INTURI</td> <td>10/30/2013</td> </tr> <tr> <td>TONG ZHAO</td> <td>11/26/2013</td> </tr> <tr> <td>MICHAEL CHRISTOPHER KAUTZKY</td> <td>11/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	KAIZHONG GAO	12/06/2013	WILLIAM ALBERT CHALLENGER	11/07/2013	MARK HENRY OSTROWSKI	10/30/2013	VENKATESWARA RAO INTURI	10/30/2013	TONG ZHAO	11/26/2013	MICHAEL CHRISTOPHER KAUTZKY	11/01/2013
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MICHAEL CHRISTOPHER KAUTZKY	11/01/2013														
RECEIVING PARTY DATA															
Name:	SEAGATE TECHNOLOGY LLC														
Street Address:	10200 S. DEANZA BOULEVARD														
City:	CUPERTINO														
State/Country:	CALIFORNIA														
Postal Code:	95014														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14062651</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14062651										
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Application Number:	14062651														
CORRESPONDENCE DATA															
Fax Number:	(612)305-1228														
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
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Address Line 2:	SUITE 350														
Address Line 4:	MINNEAPOLIS, MINNESOTA 55401														
ATTORNEY DOCKET NUMBER:	430.17229011														

NAME OF SUBMITTER:	ANNA M. NELSON
Signature:	/Anna M. Nelson/
Date:	12/19/2013
Total Attachments: 7 source=Assignment-17229011#page1.tif source=Assignment-17229011#page2.tif source=Assignment-17229011#page3.tif source=Assignment-17229011#page4.tif source=Assignment-17229011#page5.tif source=Assignment-17229011#page6.tif source=Assignment-17229011#page7.tif	

ASSIGNMENT/DECLARATION

Seagate Docket No. : 430.17229011

K.G.

2 Goodwill Ln North Oaks, MN 55127

WHEREAS, Kaizhong Gao of 12350 Jasper Lane, Eden Prairie, Minnesota 55347; William Albert Challener of 1206 Arrowhead Drive North, Glenville, New York 12302; Mark Henry Ostrowski of 2125 Honeycomb Way, Lakeville, Minnesota 55044; Vekateswara Rao Inturi of 6541 Carlisle Circle, Shakopee, Minnesota 55379; Tong Zhao of 11343 Stratton Avenue, Unit 218, Eden Prairie, Minnesota 55344; and Michael Christopher Kautzky of 4143 Cashell Glen, Eagan, Minnesota are the inventors of an invention entitled RECORDING HEAD INCLUDING NFT AND HEATSINK 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. 14/062,651 filed on October 24, 2013 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 _____; 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 filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Kaizhong Gao
Kaizhong Gao (Inventor)
12/06/13
Date

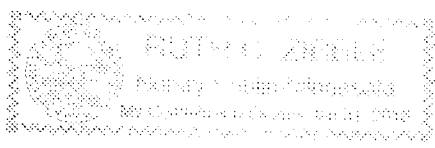
State of Minnesota
County of Annepek

On Dec 6, 2013 before me, Ruth C. Zibbe, Notary
(insert name and title of the officer)

personally appeared Kaizhong Gao (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 Ruth C. Zibbe (Seal)
Signature of Notary Public

William A. Challener
William Albert Challener (Inventor)
Date 11/7/2013

State of New York,
County of Schenectady

On November 7, 2013 before me, Jessica Burton Notary Public
(insert name and title of the officer)

personally appeared William Albert Challener (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 New York that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Jessica Burton (Seal)
Signature of Notary Public

JESSICA BURTON
Notary Public, State of New York
No. 01BU6214638
Qualified in Fulton County
Commission Expires Dec. 14, 2013

Mark Ostrowski
Mark Ostrowski (Inventor) 10/30/2013
Date

State of MN
County of Hennepin

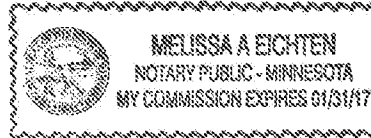
On Oct 30, 2013 before me, Melissa Eichten, Notary
(insert name and title of the officer)

personally appeared Mark Henry Ostrowski (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 MN that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Melissa Eichten (Seal)
Signature of Notary Public



V. Venkateswara Rao
Venkateswara Rao Inturi (Inventor)
Date 10/30/2013

State of MN
County of Hennepin

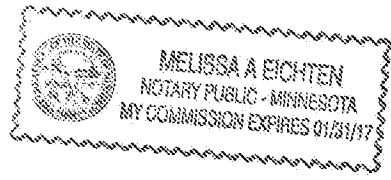
On Oct 30, 2013 before me, Melissa Eichten, Notary
(insert name and title of the officer)

personally appeared Venkateswara Rao Inturi (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 MN that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Melissa Eichten (Seal)
Signature of Notary Public



Tong Zhao
Tong Zhao (Inventor)
11/26/2013
Date

State of MN

County of Hennepin

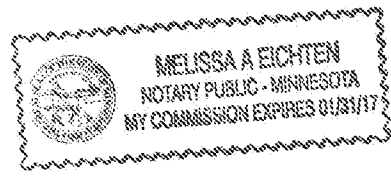
On NOV. 26, 2013 before me, Melissa Eichten, Notary
(insert name and title of the officer)

personally appeared Tong Zhao (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 MN that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Melissa Eichten (Seal)
Signature of Notary Public



Michael C Kautzky
Michael Christopher Kautzky (Inventor)
11/1/13
Date

State of MN)
County of Hennepin)

On Nov 1, 2013 before me, Melissa Eichten, Notary
(insert name and title of the officer)

personally appeared Michael Christopher Kautzky (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 MN that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Melissa Eichten (Seal)
Signature of Notary Public

