

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT2941198

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YUHAN CHENG	06/24/2014
TONG ZHAO	06/24/2014
MICHAEL C. KAUTZKY	06/24/2014
ED F. REJDA	06/24/2014
KURT W. WIERMAN	06/24/2014
SCOTT FRANZEN	06/24/2014
SETHURAMAN JAYASHANKAR	06/24/2014
SARBESWAR SAHOO	06/24/2014
JUSTIN GLEN BRONS	06/24/2014
STEVE C. RIEMER	06/24/2014
JIE GONG	06/24/2014
MICHAEL ALLEN SEIGLER	06/24/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SEAGATE TECHNOLOGY LLC
<b>Street Address:</b>	10200 S. DEANZA BOULEVARD
<b>City:</b>	CUPERTINO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95014
<b>PROPERTY NUMBERS Total: 7</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14313717
Application Number:	61838405
Application Number:	61838393
Application Number:	61897303
Application Number:	61838398
Application Number:	61838626
Application Number:	61984915
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)305-1228
<b>PATENT</b>	

***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.***

**Phone:** 6123051006  
**Email:** dlagro@mrgiplaw.com  
**Correspondent Name:** ANNA M. NELSON  
**Address Line 1:** 111 THIRD AVENUE SOUTH  
**Address Line 2:** SUITE 350  
**Address Line 4:** MINNEAPOLIS, MINNESOTA 55401

<b>ATTORNEY DOCKET NUMBER:</b>	430.18017010
<b>NAME OF SUBMITTER:</b>	ANNA M. NELSON
<b>SIGNATURE:</b>	/Anna M. Nelson/
<b>DATE SIGNED:</b>	07/16/2014

**Total Attachments: 13**

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## ASSIGNMENT/DECLARATION

Seagate Docket No. : STL 18017.00 US

WHEREAS, **Yuhang Cheng** of 7204 Schey Drive, Edina, Minnesota 55439; **Tong Zhao** of 11343 Stratton Avenue, Unit 218, Eden Prairie, Minnesota 55344; **Michael C. Kautzky** of 4143 Cashell Glen, Eagan, Minnesota 55122; **Ed F. Rejda** of 5724 W. 96<sup>th</sup> Street, Bloomington, Minnesota 55437; **Kurt W. Wierman** of 16460 N. Manor Road, Eden Prairie, Minnesota 55346; **Scott Franzen** of 8936 Heatherton Ridge Drive, Savage, Minnesota 55378; **Sethuraman Jayashankar** of 6065 Whitney Circle, Excelsior, Minnesota 55331; **Sarbeswar Sahoo** of 7750 Spring Lake Drive, Shakopee, Minnesota 55379; and **Justin Glen Brons** of 10300 Devonshire Circle, Apt. 204; **Steve C. Riemer** of 4455 47<sup>th</sup> Avenue South, Minneapolis, Minnesota 55406; and **Jie Gong** of 9631 Marshall Road, Eden Prairie, Minnesota 55347, and **Michael Allen Seigler** of 17591 Toft Cove, Eden Prairie, Minnesota 55347 are the inventors of an invention entitled \_\_\_\_\_ that is the subject matter of: (check all that apply)

- ☒ provisional applications for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application Nos. 61/838,405, filed June 24, 2013; 61/838,393, filed June 24, 2013; 61/897,303, filed October 30, 2013; 61/838,398, filed June 24, 2013; 61/838,626, filed June 24, 2013; and 61/984,915, filed April 28, 2014.
- ☒ an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 14/313,717 filed on June 24, 2014 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

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.

Yuhang Cheng  
Yuhang Cheng (Inventor)  
Date 06/24/2014

State of Minnesota

County of Hennepin

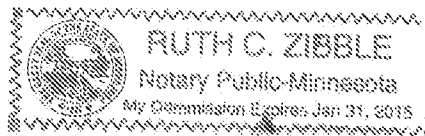
On June 24, 2014 before me, Ruth C. Zibble, Notary  
(insert name and title of the officer)

personally appeared Yuhang Cheng (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. Zibble (Seal)  
Signature of Notary Public



Tong Zhao  
Tong Zhao (Inventor)  
Date 6/24/2014

State of Minnesota

County of Heaven

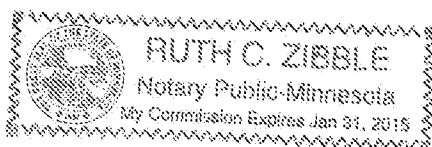
On June 24, 2014 before me, Ruth C. Zibble, Notary  
(insert name and title of the officer)

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.

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WITNESS my hand and official seal.

Signature Ruth C. Zibble (Seal)  
Signature of Notary Public



Michael C. Kautzky  
Michael C. Kautzky (Inventor)  
6/24/14  
Date

State of MN

County of Hennepin

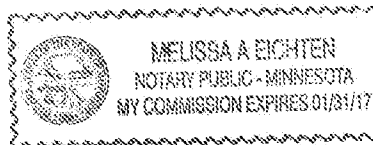
On June 24, 2014 before me, Melissa Eichten, Notary  
(insert name and title of the officer)

personally appeared Michael C. 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.

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WITNESS my hand and official seal.

Signature Melissa Eichten (Seal)  
Signature of Notary Public



Ed F. Rejda  
Ed F. Rejda (Inventor)

6/24/2014  
Date

State of Minnesota

County of Hennepin

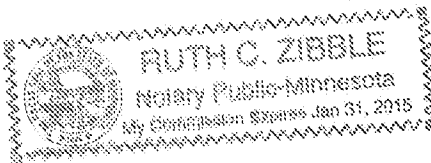
On June 24, 2014 before me, Ruth C. Zibble, Notary  
(insert name and title of the officer)

personally appeared Ed F. Rejda (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 \_\_\_\_\_ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Ruth C. Zibble (Seal)  
Signature of Notary Public



Kurt W. Wiernan  
Kurt W. Wiernan (Inventor)  
Date 6/24/2014

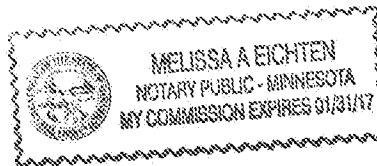
State of MN  
County of Hennepin

On June 24, 2014 before me, Melissa Eichten, Notary  
(insert name and title of the officer)

personally appeared Kurt W. Wiernan (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



872  
Scott Franzen (Inventor)  
24 JUN 14  
Date

State of MN)

County of Hennepin)

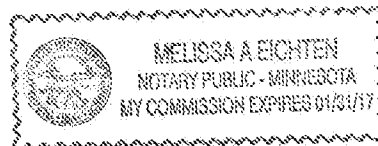
On June 24, 2014 before me, Melissa Eichten, Notary  
(insert name and title of the officer)

personally appeared Scott Franzen (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.

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WITNESS my hand and official seal.

Signature Melissa Eichten (Seal)  
Notary Public



Sethuraman Jayashankar  
Sethuraman Jayashankar (Inventor)

Date 6/24/14

State of Minnesota

County of Hennepin

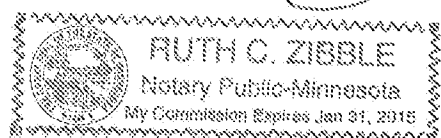
On June 24, 2014 before me, Ruth C. Zibble, Notary  
(insert name and title of the officer)

personally appeared Sethuraman Jayashankar (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.

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WITNESS my hand and official seal.

Signature Ruth C. Zibble (Seal)  
Signature of Notary Public



Sarbeswar Sahoo  
Sarbeswar Sahoo (Inventor)

State of Minnesota

Date 6/24/2014

County of Hennepin

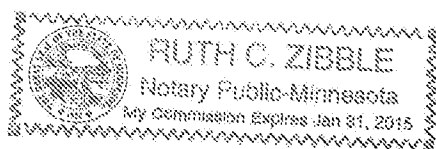
On June 24, 2014 before me, Ruth C. Zibble, Notary  
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personally appeared Sarbeswar Sahoo (inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that 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.

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Signature Ruth C. Zibble (Seal)  
Signature of Notary Public



Justin Glen Brons  
Justin Glen Brons (Inventor)  
Date 6/24/2014

State of Minnesota

County of Hennepin

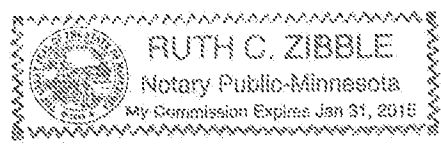
On June 24, 2014 before me, Ruth C. Zibble, Notary  
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personally appeared Justin Glen Brons (Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me 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.

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WITNESS my hand and official seal.

Signature Ruth C. Zibble (Seal)  
Signature of Notary Public



Steve C. Rierner  
Steve C. Rierner (Inventor)  
6/27/2014  
Date

State of Minnesota

County of Hennepin

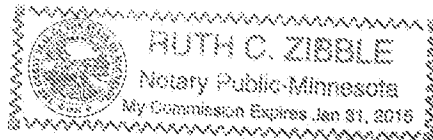
On June 24, 2014 before me, Ruth C. Zibble, Notary  
(insert name and title of the officer)

personally appeared Steve C. Rierner (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.

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WITNESS my hand and official seal.

Signature Ruth C. Zibble (Seal)  
Signature of Notary Public



Jie Gong  
Jie Gong (Inventor)  
Date 06/24/2014

State of MN

County of Hennepin

On June 24, 2014 before me, Melissa Eichten, Notary  
(insert name and title of the officer)

personally appeared Jie Gong (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.

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Signature Melissa Eichten (Seal)  
Signature of Notary Public



Michael Allen Seigler  
Michael Allen Seigler (Inventor)  
Date 6-24-2014

State of MN

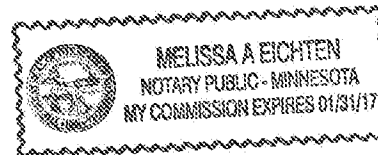
County of Hennepin

On June 24, 2014 before me, Melissa Eichten, Notary  
(insert name and title of the officer)

personally appeared Michael Allen Seigler (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.

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Signature Melissa Eichten (Seal)  
Signature of Notary Public