

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Clifford Jayson Bringas Camalig</td> <td>07/12/2013</td> </tr> <tr> <td>Chen Yio Guo</td> <td>07/12/2013</td> </tr> <tr> <td>Gan Swee Chuan</td> <td>07/12/2013</td> </tr> <tr> <td>KangHai Lim</td> <td>07/12/2013</td> </tr> <tr> <td>Mui Chong Chai</td> <td>07/12/2013</td> </tr> <tr> <td>Richard Martin</td> <td>07/16/2013</td> </tr> <tr> <td>Quinn Haddock</td> <td>07/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	Clifford Jayson Bringas Camalig	07/12/2013	Chen Yio Guo	07/12/2013	Gan Swee Chuan	07/12/2013	KangHai Lim	07/12/2013	Mui Chong Chai	07/12/2013	Richard Martin	07/16/2013	Quinn Haddock	07/22/2013
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<b>RECEIVING PARTY DATA</b>																	
Name:	SEAGATE TECHNOLOGY LLC																
Street Address:	10200 S. DeAnza Boulevard																
City:	Cupertino																
State/Country:	CALIFORNIA																
Postal Code:	95014																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13948426</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13948426												
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Application Number:	13948426																
<b>CORRESPONDENCE DATA</b>																	
Fax Number:	6123051228																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	6123051006																
Email:	dlagro@mrgiplaw.com																
Correspondent Name:	Brian C. Whipps																
Address Line 1:	111 Third Avenue South																
Address Line 2:	Suite 350																
Address Line 4:	Minneapolis, MINNESOTA 55401																
ATTORNEY DOCKET NUMBER:	430.17530010																

CH \$40.00 13948426

NAME OF SUBMITTER:	Brian C. Whipps
Signature:	/Brian C. Whipps/
Date:	07/23/2013
<b>Total Attachments: 8</b> source=ExecutedAssignment#page1.tif source=ExecutedAssignment#page2.tif source=ExecutedAssignment#page3.tif source=ExecutedAssignment#page4.tif source=ExecutedAssignment#page5.tif source=ExecutedAssignment#page6.tif source=ExecutedAssignment#page7.tif source=ExecutedAssignment#page8.tif	

## ASSIGNMENT/DECLARATION

Seagate Docket No. : 430.17530010

WHEREAS, **Clifford Jayson Bringas Camalig** of 63 The Fleming, Science Park Drive, Singapore Science Park 1, Singapore 118249; **ChengYi Guo** of Blk 699C, #11-47, Hougang Street 52, Singapore; **Gan Swee Chuan** of Blk 412, Pasir Ris Drive 6 #13-361, Singapore 510412; **KangHai Lim** of Apt. Blk 364 Bukit Batok Street 31 #10-245, Singapore 650364; **Mui Chong Chai** of Blk 5, #11-233, Toh Yi Drive, Singapore 59005; **Richard Martin** of 4046 Milano Lane, Longmont, Colorado 80503; and **Quinn Haddock** of 469 E. 3125 N., Provo, Utah 84604 are the inventors of an invention entitled HEAD FLY HEIGHT TESTING AND COMPENSATION 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. \_\_\_\_\_ filed on \_\_\_\_\_ 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;

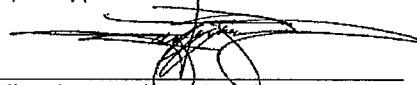
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any 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.

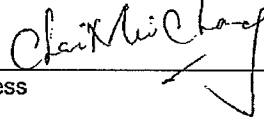
The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 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.



Clifford Jayson Bringas Camalig (Inventor)

Subscribed and sworn to before me at SINGAPORE, a witness, this 12 day of July, 2013.

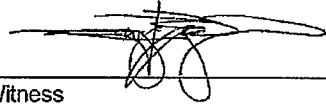


Witness

*Guo Chenyi*

ChenYi Guo (Inventor)

Subscribed and sworn to before me at SINGAPORE, a witness, this 12 day of JULY, 2013.



Witness

*Gan Swee Chuan*

Gan Swee Chuan (Inventor)

Subscribed and sworn to before me at SINGAPORE, a witness, this 17 day of July, 2013.

*Chai Mei Goh*

Witness

Jm Kang Hai  
KangHai Lim (Inventor)

Subscribed and sworn to before me at SINGAPORE, a witness, this 12 day of JULY, 2013.

[Signature]  
Witness

Choi Mui Chai  
Mui Chong Chai (Inventor)

Subscribed and sworn to before me at SINGAPORE, a witness, this 12 day of July, 2013.

Samuel Gan  
Witness



Richard Martin (Inventor)  
Date 7/16/2013

State of Colorado

County of Boulder

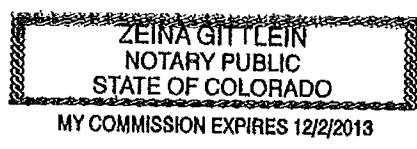
On July 16, 2013 before me, Zeina Gittlein, Notary Public  
(insert name and title of the officer)

personally appeared Richard Martin (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 Zeina Gittlein (Seal)  
Signature of Notary Public



Quinn Haddock  
Quinn Haddock (Inventor) 7/22/2013  
Date

State of Utah

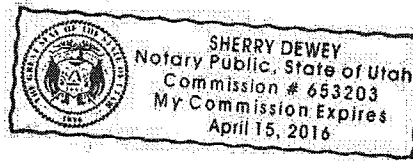
County of Utah

On 22 July 2013 before me, Sherry Dewey  
(insert name and title of the officer)

personally appeared Quinn Haddock (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 Utah that the foregoing paragraph is true and correct.

Sherry Dewey  
WITNESS my hand and official seal.



Signature [Signature] (Seal)  
Signature of Notary Public