

PATENT ASSIGNMENT

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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>Xiaoping Yan</td> <td>09/28/2012</td> </tr> <tr> <td>Michael Stirniman</td> <td>09/28/2012</td> </tr> <tr> <td>Qian Guo</td> <td>09/28/2012</td> </tr> <tr> <td>Wenhong Liu</td> <td>09/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Xiaoping Yan	09/28/2012	Michael Stirniman	09/28/2012	Qian Guo	09/28/2012	Wenhong Liu	09/28/2012
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Xiaoping Yan	09/28/2012										
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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>13645672</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13645672						
Property Type	Number										
Application Number:	13645672										
CORRESPONDENCE DATA											
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:	Anna M. Nelson										
Address Line 1:	111 Third Avenue South										
Address Line 2:	Suite 350										
Address Line 4:	Minneapolis, MINNESOTA 55401										
ATTORNEY DOCKET NUMBER:	430.17421010										
NAME OF SUBMITTER:	Anna M. Nelson										
Total Attachments: 3 source=Assignment (2)#page1.tif source=Assignment (2)#page2.tif source=Assignment (2)#page3.tif											

CH \$40.00 13645672

ASSIGNMENT

Seagate Docket No. : 430.17421010

WHEREAS, I/we Xiaoping Yan of Wexford, PA, Michael Stirniman of Fremont, CA, Qian Guo of Fremont, CA and Wenhong Liu of San Jose, CA are the inventor(s) of an invention entitled LUBRICANTS FOR MAGNETIC STORAGE MEDIA 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. 13/1645,672 filed on Oct 5 2012 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/we transfer to Assignee, its successors and assigns, my/our 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/we 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/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We 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/We represent to the Assignee, its successors and assigns, that I/we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I/We, my/our 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.

Xiaoping Yan
Xiaoping Yan (Inventor)
Date 9/28/2012

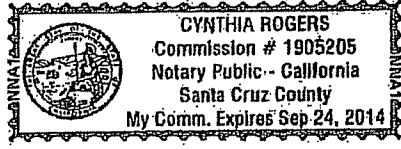
State of California
County of Alameda

On 9/28/2012 before me, Cynthia Rogers, Notary Public
(insert name and title of the officer)

personally appeared Xiaoping Yan (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 California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Cynthia Rogers (Seal)
Signature of Notary Public

Michael Stirniman
Michael Stirniman (Inventor)
Date 9/28/12

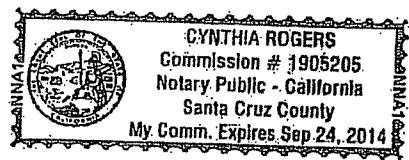
State of California
County of Alameda

On 9/28/2012 before me, Cynthia Rogers, Notary Public
(insert name and title of the officer)

personally appeared Michael Stirniman (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 Cynthia Rogers (Seal)
Signature of Notary Public

Qian Guo
Qian Guo (Inventor) 9/28/2012
Date

State of California

County of Alameda

On 9/28/2012 before me, Cynthia Rogers, Notary Public
(insert name and title of the officer)

personally appeared Qian Guo (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 Cynthia Rogers (Seal)
Signature of Notary Public



Wenhong Liu
Wenhong Liu (Inventor) 9/28/2012
Date

State of California

County of Alameda

On 9/28/2012 before me, Cynthia Rogers, Notary Public
(insert name and title of the officer)

personally appeared Wenhong Liu (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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