

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Mark W. Covington	04/12/2011
Qing He	04/12/2011
Thomas R. Boonstra	04/13/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Seagate Technology LLC
<b>Street Address:</b>	920 Disc Drive
<b>City:</b>	Scotts Valley
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95066
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13093510
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(405)232-9659
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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<b>Email:</b>	rmccarthy@fellerssnider.com
<b>Correspondent Name:</b>	Fellers, Snider, et al.
<b>Address Line 1:</b>	100 North Broadway, Suite 1700
<b>Address Line 4:</b>	Oklahoma City, OKLAHOMA 73102-8820
<b>ATTORNEY DOCKET NUMBER:</b>	STL16475
<b>NAME OF SUBMITTER:</b>	Randall K. McCarthy
<b>Total Attachments: 3</b> source=2011-04-25-Assignment-STL16475#page1.tif source=2011-04-25-Assignment-STL16475#page2.tif source=2011-04-25-Assignment-STL16475#page3.tif	

OP \$40.00 13093510

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**PATENT**  
**REEL: 026176 FRAME: 0927**

## ASSIGNMENT

Seagate Docket No. :

STL16475

WHEREAS, I/we Mark W. Covington of 5916 Abbott Avenue South, Edina, MN 55410, Qing He of 3845 Black Oaks Lane, N., Plymouth, MN 55446 and Thomas R. Boonstra of 710 Weston Ridge Parkway, Chaska, MN 55318 are the inventor(s) of an invention entitled MAGNETIC ELEMENT WITH DUAL MAGNETIC MOMENTS 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 April 25, 2011 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 920 Disc Drive, Scotts Valley, California, 95066 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.

Mark W. Covington  
Mark W. Covington (Inventor)  
Date 4/12/11

State of Minnesota

County of Hennepin

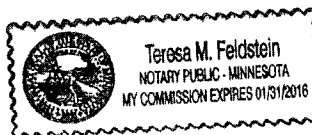
On April 12, 2011 before me, Teresa Feldstein  
(insert name and title of the officer)

personally appeared Mark W. Covington (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 Teresa M. Feldstein (Seal)  
Signature of Notary Public



Qing He  
Qing He (Inventor)  
Date 04/12/2011

State of Minnesota

County of Hennepin

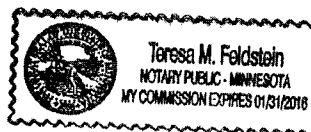
On April 12, 2011 before me, Teresa Feldstein, Notary  
(insert name and title of the officer)

personally appeared Qing He (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 Teresa M. Feldstein (Seal)  
Signature of Notary Public



Thomas R. Boonstra  
Thomas R. Boonstra (Inventor)  
4-13-2011  
Date

State of Minnesota

County of Hennepin

On April 13, 2011 before me, Teresa Feldstein, Notary  
(insert name and title of the officer)

personally appeared Thomas Boonstra (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.

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Signature Teresa M. Feldstein (Seal)  
Signature of Notary Public

