

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jie Zou</td> <td>11/17/2010</td> </tr> <tr> <td>David Christopher Seets</td> <td>11/22/2010</td> </tr> <tr> <td>James Wessel</td> <td>11/24/2010</td> </tr> <tr> <td>Jianhua Xue</td> <td>12/02/2010</td> </tr> <tr> <td>Lixin Jia</td> <td>11/17/2010</td> </tr> </tbody> </table>		Name	Execution Date	Jie Zou	11/17/2010	David Christopher Seets	11/22/2010	James Wessel	11/24/2010	Jianhua Xue	12/02/2010	Lixin Jia	11/17/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Seagate Technology LLC</td> </tr> <tr> <td>Street Address:</td> <td>920 Disc Drive</td> </tr> <tr> <td>City:</td> <td>Scotts Valley</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95066</td> </tr> </table>		Name:	Seagate Technology LLC	Street Address:	920 Disc Drive	City:	Scotts Valley	State/Country:	CALIFORNIA	Postal Code:	95066		
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CORRESPONDENCE DATA													
<p>Fax Number: (612)334-3312</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: akhazon@wck.com</p> <p>Correspondent Name: Nicholas K. Beaulieu</p> <p>Address Line 1: 900 Second Ave South, Suite 1400</p> <p>Address Line 4: Minneapolis, MINNESOTA 55402</p>													
ATTORNEY DOCKET NUMBER:	S01.12-1402/STL16059												
NAME OF SUBMITTER:	Aliya R. Khazon												

Total Attachments: 4
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ASSIGNMENT

Seagate Docket No. : STL16059

Attorney Docket No.: S01.12-1402

WHEREAS, we Jie Zou of Eden Prairie, Minnesota, U.S.A., David Christopher Seets of Shorewood, Minnesota, U.S.A., James Wessel of Savage, Minnesota, U.S.A., Jianhua Xue of Maple Grove, Minnesota, U.S.A. and Lixin Jia of Minneapolis, Minnesota, U.S.A. are the inventors of an invention entitled DOUBLE SHELL WRITERS 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. 12/966,453 filed on December 13, 2010 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.

Jie Zou (Inventor)

State of MINNESOTA)
County of HENNEPIN)

On Nov. 17, 2010 before me, _____
(insert name and title of the officer)

personally appeared Jie Zou (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.

Signature Melissa Zarns (Seal)
Signature of Notary Public



David Christopher Seels
David Christopher Seels (Inventor)

State of Minnesota)
County of Hennepin)

On Nov. 22, 2010 before me, _____
(insert name and title of the officer)

personally appeared David Christopher Seels (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.

Signature Melissa Zarns (Seal)
Signature of Notary Public



James Wessel
James Wessel (Inventor)

State of Minnesota)
County of Hennepin)

On NOV 24, 2010 before me, _____
(insert name and title of the officer)

personally appeared James Wessel (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 a that the foregoing paragraph is true and correct.

Signature Melissa Zarns
Signature of Notary Public

(Seal)



Xuejia
Jianhua Xue (Inventor)

State of Minnesota)
County of Hennepin)

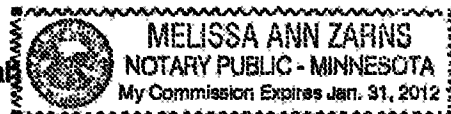
On DEC 2, 2010 before me, _____
(insert name and title of the officer)


personally appeared Jianhua Xue (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 a that the foregoing paragraph is true and correct.

Signature Melissa Zarns
Signature of Notary Public

(Seal)



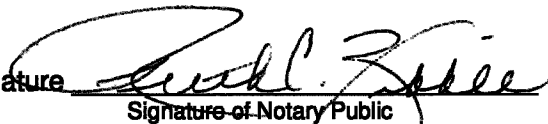

Lixin Jia (Inventor)

State of Minnesota)
County of Hennepin)

On November 17th 2010 before me, a notary public
(insert name and title of the officer)

personally appeared Lixin Jia (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.

Signature  (Seal)
Signature of Notary Public

