

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Huiwen Liu</td><td>08/03/2011</td></tr><tr><td>Peter Gunderson</td><td>08/04/2011</td></tr><tr><td>Lin Zhou</td><td>08/03/2011</td></tr></tbody></table>	Name	Execution Date	Huiwen Liu	08/03/2011	Peter Gunderson	08/04/2011	Lin Zhou	08/03/2011			
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Huiwen Liu	08/03/2011										
Peter Gunderson	08/04/2011										
Lin Zhou	08/03/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>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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PROPERTY NUMBERS Total: 2											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13173854</td></tr><tr><td>Application Number:</td><td>13190643</td></tr></tbody></table>	Property Type	Number	Application Number:	13173854	Application Number:	13190643					
Property Type	Number										
Application Number:	13173854										
Application Number:	13190643										
CORRESPONDENCE DATA											
Fax Number: (952)402-8187 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 952-402-8035											
Email: melissa.zarns@seagate.com											
Correspondent Name: SEAGATE TECHNOLOGY LLC											
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Address Line 2: 7801 COMPUTER AVENUE SOUTH											
Address Line 4: BLOOMINGTON, MINNESOTA 55435											
ATTORNEY DOCKET NUMBER:	STL16466										
NAME OF SUBMITTER:	Melissa Zarns										
Total Attachments: 4 source=STL16466_Assign#page1.tif source=STL16466_Assign#page2.tif source=STL16466_Assign#page3.tif source=STL16466_Assign#page4.tif											

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PATENT  
REEL: 026740 FRAME: 0715

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)

Huiwen Liu  
Peter Gunderson  
Lin Zhou

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) August 3, 2011 & August 4, 2011

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

### 2. Name and address of receiving party(ies)

Name: Seagate Technology LLC

Internal Address: \_\_\_\_\_

Street Address: 920 Disc Drive

City: Scotts Valley

State: California

Country: USA Zip: 95066

Additional name(s) & address(es) attached? ☐ Yes ☒ No

### 4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

13/190,643

Additional numbers attached? ☐ Yes ☒ No

### 5. Name and address to whom correspondence concerning document should be mailed:

Name: Jennifer M. Buenzow

Internal Address: Seagate Technology LLC

Street Address: 7801 Computer Avenue South

City: Bloomington

State: Minnesota Zip: 55435

Phone Number: 952-402-8585

Fax Number: 952-402-8187

Email Address: \_\_\_\_\_

### 6. Total number of applications and patents involved: 1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

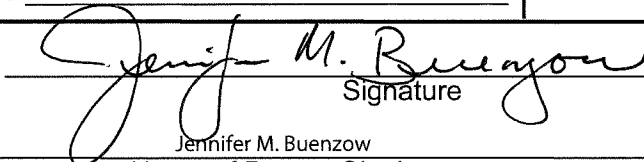
- ☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

### 8. Payment Information

Deposit Account Number 191038

Authorized User Name 2160

### 9. Signature:

  
Signature  
Jennifer M. Buenzow  
Name of Person Signing

August 12, 2011  
Date

Total number of pages including cover sheet, attachments, and documents:

4

## ASSIGNMENT

Seagate Docket No. : STL 16466.00

WHEREAS, I/we Huiwen Liu, of 19060 Twilight Trail, Eden Prairie, MN 55346; Peter Gunderson of W9852 619<sup>th</sup> Avenue, Ellsworth, WI 54011; and Lin Zhou, of 4623 Weston Hills Drive, Eagan, MN 55123 are the inventor(s) of an invention entitled METHODS AND DEVICES FOR CORRECTING ERRORS IN ATOMIC FORCE MICROSCOPY 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. 13/190,643 filed on July 26, 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.

Huiwen Liu

Huiwen Liu (Inventor)

Date Aug 3, 2011

State of Minnesota

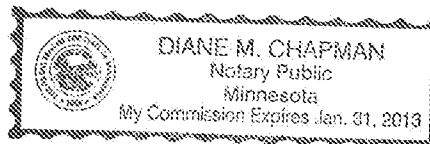
County of Hennepin

On August 3, 2011 before me, Diane M. Chapman  
(insert name and title of the officer)

personally appeared Huiwen 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.

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 Diane M. Chapman (Seal)  
Signature of Notary Public

Peter Gunderson

Peter Gunderson (Inventor)

Date Aug 4 / 2011

State of Minnesota

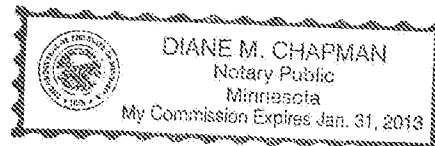
County of Hennepin

On August 4, 2011 before me, Diane M. Chapman  
(insert name and title of the officer)


personally appeared Peter Gunderson (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 Diane M. Chapman (Seal)  
Signature of Notary Public

  
Lin Zhou (Inventor) 8/3/2011  
Date

State of MN)

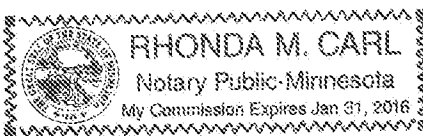
County of Scott)

On Aug 3, 2011 before me, Rhonda Carl  
(insert name and title of the officer)

personally appeared Lin Zhou (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 Rhonda Carl (Seal)  
Signature of Notary Public