

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Henry F. Huang	09/30/2008
Hai (Helen) Li	09/30/2008
Yong Lu	09/30/2008
RECEIVING PARTY DATA	
Name:	Seagate Technology LLC
Street Address:	920 Disc Drive
City:	Scotts Valley
State/Country:	CALIFORNIA
Postal Code:	95066
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12242590
CORRESPONDENCE DATA	
Fax Number:	(405)232-9659
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	405-232-0621
Email:	Rmccarthy@fellerssnider.com
Correspondent Name:	Fellers Snider, et al.
Address Line 1:	100 North Broadway, Suite 1700
Address Line 4:	Oklahoma City, OKLAHOMA 73102
ATTORNEY DOCKET NUMBER:	STL14533
NAME OF SUBMITTER:	Randall K. McCarthy
Total Attachments: 2 source=2008-09-30-Assignment-STL14533#page1.tif source=2008-09-30-Assignment-STL14533#page2.tif	

OP \$40.00 12242590

PATENT

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REEL: 021612 FRAME: 0338

ASSIGNMENT

Seagate Docket No. STL14533

WHEREAS, I/we, Henry F. Huang of 6351 156th Street West, Apple Valley, MN 55124, Hai (Helen) Li of 10124 Phaeton Drive, Eden Prairie, MN 55437, and Yong Lu of 7115 Tralee, Edina, MN 55439 am/are the inventor(s) of an invention entitled DATA STORAGE USING READ-MASK-WRITE OPERATION that is the subject matter of: (check all that apply)

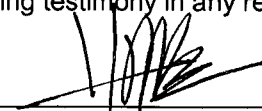
- ☐ a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. _____ filed _____ ;
- ☒ an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. _____ filed herewith; 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. _____ and filed on _____ ; and

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 entire right, title and interest in and to the invention, the above-identified applications, all provisional applications for 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.

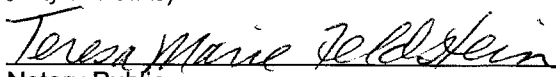
I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, 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.



Henry F. Huang (Inventor)

Subscribed and sworn to before me at Bloomington, MN, a Notary Public, this 30th day of September, 20 08.
(city or county and state)



Teresa Marie Feldstein
Notary Public

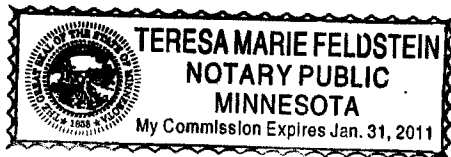
(Seal)



HLD
Hai (Helen) Li (Inventor)

Subscribed and sworn to before me at Bloomington, MN, a Notary Public, this 30th day of September, 2008.
(city or county and state)

(Seal)



Teresa Marie Feldstein
Notary Public

[Signature]
Yong Lu (Inventor)

Subscribed and sworn to before me at Bloomington, MN, a Notary Public, this 30th day of September, 2008.
(city or county and state)

(Seal)



Teresa Marie Feldstein
Notary Public