

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hai Li</td> <td>10/13/2008</td> </tr> <tr> <td>Yiran Chen</td> <td>10/13/2008</td> </tr> <tr> <td>Hongyue Liu</td> <td>10/13/2008</td> </tr> <tr> <td>Henry F. Huang</td> <td>10/13/2008</td> </tr> </tbody> </table>		Name	Execution Date	Hai Li	10/13/2008	Yiran Chen	10/13/2008	Hongyue Liu	10/13/2008	Henry F. Huang	10/13/2008
Name	Execution Date										
Hai Li	10/13/2008										
Yiran Chen	10/13/2008										
Hongyue Liu	10/13/2008										
Henry F. Huang	10/13/2008										
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											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12252027</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12252027						
Property Type	Number										
Application Number:	12252027										
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:	STL14324										
NAME OF SUBMITTER:	Randall K. McCarthy										

Total Attachments: 2
 source=2008-10-15-Assignment-STL14324#page1.tif

500676739

**PATENT
 REEL: 021686 FRAME: 0212**

OP \$40.00 12252027

ASSIGNMENT

Seagate Docket No. STL14324

WHEREAS, I/we, Hai Li of 10124 Phaeton Drive, Eden Prairie, MN 55347, Yiran Chen of 10124 Phaeton Drive, Eden Prairie, MN 55347, Hongyue Liu of 18540 65th Avenue, N., Maple Grove, MN 55311 and Henry F. Huang of 6351 156th Street West, Apple Valley, MN 55124 am/are the inventor(s) of an invention entitled NON-VOLATILE RESISTIVE SENSE MEMORY ON-CHIP CACHE that is the subject matter of: (check all that apply)

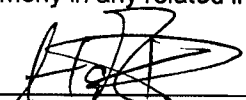
- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. filed ;
- an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. filed herewith; and
- an international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

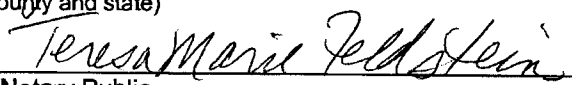
I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection,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



Hai Li (Inventor)

Subscribed and sworn to before me at Bloomington, MN, a Notary Public, this 13th day of October, 2008.
(city or county and state)



Notary Public



Yiran Chen
Yiran Chen (Inventor)

Subscribed and sworn to before me at Bloomington, MN, a Notary Public, this 13th day of October, 2008.
(city or county and state)



Teresa Marie Feldstein
Notary Public

Hongyue Liu
Hongyue Liu (Inventor)

Subscribed and sworn to before me at Bloomington, MN, a Notary Public, this 13th day of October, 2008.
(city or county and state)



Teresa Marie Feldstein
Notary Public

Henry F. Huang
Henry F. Huang (Inventor)

Subscribed and sworn to before me at Bloomington, MN, a Notary Public, this 13th day of October, 2008.
(city or county and state)



Teresa Marie Feldstein
Notary Public