

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Thomas William Clinton</td> <td>12/02/2008</td> </tr> <tr> <td>Michael A. Seigler</td> <td>12/02/2008</td> </tr> </tbody> </table>		Name	Execution Date	Thomas William Clinton	12/02/2008	Michael A. Seigler	12/02/2008
Name	Execution Date						
Thomas William Clinton	12/02/2008						
Michael A. Seigler	12/02/2008						
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>12327184</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12327184		
Property Type	Number						
Application Number:	12327184						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	S01.12-1299						
NAME OF SUBMITTER:	Elizabeth Peters						
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif							

OP \$40.00 12327184

ASSIGNMENT

Attorney Docket No. : S01.12-1299
Seagate Docket No. : STL 14366.00

WHEREAS, I/we Thomas William Clinton of Pittsburgh, Pennsylvania, USA and Michael A. Seigler of Pittsburgh, Pennsylvania, USA are the inventor(s) of an invention entitled MAGNETIC RANDOM ACCESS MEMORY WITH DUAL SPIN TORQUE REFERENCE LAYERS that is the subject matter of: (check all that apply)

- checkbox a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. filed on;
checkbox an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 12/327,184 filed on December 23, 2008;
checkbox 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

WHEREAS, Seagate Technology LLC, a Delaware limited liability company corporation, 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2nd day of December, 2008.

Handwritten signature of Thomas William Clinton

Thomas William Clinton

STATE OF PENNSYLVANIA)

COUNTY OF Allegheny)ss:

On this 2nd day of December, 2008, before me personally appeared Thomas William Clinton to me known to be identified herein, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes herein set forth.

Handwritten signature of Georgeann M. Reid
Notary Public

[SEAL]

Commonwealth of Pennsylvania
Notarial Seal
Georgeann M. Reid, Notary Public
Munhall Boro, Allegheny County
My Commission Expires June 23, 2012

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2nd day of December, 2008.

Michael A. Seigler
Michael A. Seigler

STATE OF PENNSYLVANIA)

COUNTY OF Allegheny) ss:

On this 2nd day of December, 2008, before me personally appeared Michael A. Seigler to me known to be identified herein, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes herein set forth.

Georgeann M Reid
Notary Public

[SEAL]

Commonwealth of Pennsylvania
Notarial Seal
Georgeann M. Reid, Notary Public
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