

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>Youmin Liu</td><td>06/23/2008</td></tr><tr><td>Rito Ligutom</td><td>06/23/2008</td></tr><tr><td>Kennith Pompliano</td><td>06/23/2008</td></tr><tr><td>Young Bui</td><td>06/23/2008</td></tr><tr><td>Jennifer Hou</td><td>06/23/2008</td></tr><tr><td>James Tuman</td><td>06/23/2008</td></tr></tbody></table>	Name	Execution Date	Youmin Liu	06/23/2008	Rito Ligutom	06/23/2008	Kennith Pompliano	06/23/2008	Young Bui	06/23/2008	Jennifer Hou	06/23/2008	James Tuman	06/23/2008	
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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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12178550</td></tr></tbody></table>	Property Type	Number	Application Number:	12178550											
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Application Number:	12178550														
CORRESPONDENCE DATA															
Fax Number:	(212)527-7701														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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Email:	lparker@Darbylaw.com														
Correspondent Name:	Raj S. Dave														
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ATTORNEY DOCKET NUMBER:	21064/0206544-US0														
NAME OF SUBMITTER:	LaTanya Parker														

OP \$40.00 12178550

PATENT

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REEL: 021370 FRAME: 0721

Total Attachments: 3

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ASSIGNMENT

I, Youmin Liu, a citizen of the United States of America, residing at 919 Oakes Street; Palo Alto, California 94303; and

I, Rito Ligutom, a citizen of the United States of America, residing at 400 Easter Avenue; Milpitas, California 95035; and

I, Kenneth Pompliano, a citizen of the United States of America, residing at 9384 Rodeo Drive; Gilroy, California 95020; and

I, Young Bui, a citizen of the United States of America, residing at 311 Huckleberry Drive; San Jose, California 95123; and

I, Jennifer Hou, a citizen of the United States of America, residing at 2227 Cuesta Drive; Milpitas, California 95035; and

I, James Tuman, a citizen of the United States of America, residing at ⁸⁴⁴855 LA Crescent Place; San Jose, California 95136;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

Seagate Technology LLC

a Limited Liability Corporation organized under the laws of Delaware, located at 920 Disc Drive, Scotts Valley, California 95066 (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **throughout the world** in and to my Invention entitled:

**HIGH EFFICIENCY AND HIGH THROUGHPUT CASCADE SCRUB WASH MACHINE
FOR RIGID MAGNETIC RECORDING MEDIA**

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invented by me and described in the specification bearing the above Attorney Docket No. and title executed by me concurrently herewith; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.


This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be

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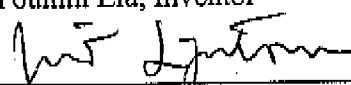
presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: June 23, 2008



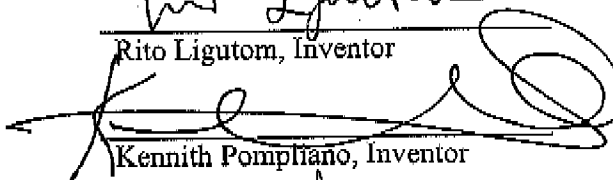
Youmin Liu, Inventor

Dated: June 23, 2008



Rito Ligutom, Inventor

Dated: JUNE 23 2008




Kenneth Pompliano, Inventor

Dated: 6/23/2008



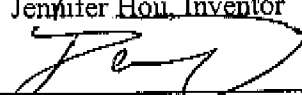
Young Bui, Inventor

Dated: 6-23-08



Jennifer Hou, Inventor

Dated: 06/23/08



James Tuman, Inventor