

10-24-05

10-25-2005



103106024

Docket: HSJ9-2004-0037US2

:ET

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 2. Name and address of receiving party(ies):

Yunxiao Gao, Hung-Chin Guthrie, Ming Jiang and Sue Siyang Zhang

Name: Hitachi Global Storage Technologies Netherlands B.V.

Address: Locatellikade 1 Parnassustoren 1076 AZ Amsterdam The Netherlands

3. Nature of conveyance: Assignment

Execution Date: Yunxiao Gao (July 25, 2005), Hung-Chin Guthrie (June 25, 2005), Ming Jiang (June 28, 2005), and Sue Siyang Zhang (July 13, 2005)

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 11/195,532 08/01/2005 B. Patent No.(s)

Additional numbers attached? Yes \_\_\_ No \_x

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

Name: Maryam Imam Address: LAW OFFICES OF IMAM 111 North Market Street, Suite 1010 San Jose, CA 95113

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed

Previously enclosed on \_\_\_\_\_ with initial filing of Application

8. [X] Please Charge Deposit Account Number: 501638 [X] Charge any fee deficiencies to Dep. Acct 501638.

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Maryam Imam

Signature

August 23, 2005 Date

Total number of pages including cover sheet, attachments and document: 5

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0012372003  
700205252

Docket HSJ9-2004-0037US2

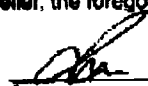
RECORDATION FORM COVER SHEET  
PATENTS

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<p>3. Nature of conveyance: Assignment</p> <p>Execution Date: Yunxiao Gao (July 25, 2005), Hung-Chin Guthrie (June 25, 2005), Ming Jiang (June 28, 2005), and Sue Siyang Zhang (July 13, 2005)</p>			
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <table border="0"> <tr> <td style="vertical-align: top;"> <p>A. Patent Application No.(s)</p> <p>11/195,532      08/01/2005</p> </td> <td style="vertical-align: top;"> <p>B. Patent No.(s)</p> </td> </tr> </table> <p>Additional numbers attached? Yes ___ No <u>X</u></p>		<p>A. Patent Application No.(s)</p> <p>11/195,532      08/01/2005</p>	<p>B. Patent No.(s)</p>
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copy of the original document.

Maryam Imam            August 23, 2005  
Signature      Date

Total number of pages including cover sheet, attachments and document: 5

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PATENT  
REEL: 017111 FRAME: 0479

**ASSIGNMENT**

I, as a below-named inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to:

**Hitachi Global Storage Technologies Netherlands B.V.**

**Locatellikade 1**

**Parnassustoren**

**1076 AZ Amsterdam**

**The Netherlands**

a corporation, hereinafter referred to as "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by **Yunxiao Gao, Hung-Chin Guthrie, Ming Jiang, and Sue Siyang Zhang** disclosed and/or claimed in an application for Letters Patent of the United States of America Serial No. **11/195,532** filed **August 1, 2005**, entitled:

**"PERPENDICULAR WRITE POLE FORMATION USING DURIMIDE/ALUMINA  
HARD MASK WITHOUT CMP LIFTOFF"**

and signed by me

- On the date set forth below;  
 On the DATE OF SIGNING DECLARATION

and in and to any and all divisions, reissues, continuations and extensions thereof; and in and to all corresponding applications for Letters Patent and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter.

I hereby authorize and request that the Patent Office Officials in the United States, and in countries foreign to the United States, issue any and all of said Letters Patent or similar documents, when granted, to said Assignee, as the Assignee of our entire right, title and interest in and to the same, for the sole use and enjoyment of said Assignee, its successors and assigns.

Further, I agree that I will communicate to said Assignee, or its representatives, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisions, continuations, substitutions, and renewal reexamination and reissue applications, execute all necessary Assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything necessary or desirable to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States.

The undersigned hereby authorizes the firm of LAW OFFICES OF IMAM to correct errors in this assignment or to insert any further identification or other information necessary or

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desirable to make this assignment suitable for recordal in the United States Patent Office, and any Patent Office foreign to the United States.

In Testimony Whereof, I hereunto set my hand.

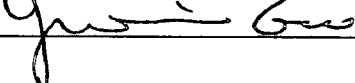
SIGNATURES

Full Name of First Inventor: Yunxiao Gao

Home Address: 1172 Maraschino Drive, Sunnyvale, California 94087

Post Office Address: Same as above

Citizenship: U.S.A.

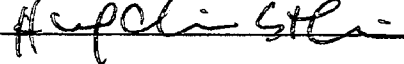
Inventor's Signature:  Date: 7/25/2005

Full Name of Second Inventor: Hung-Chin Guthrie

Home Address: 20422 Seagull Way, Saratoga, California 95070

Post Office Address: Same as Above

Citizenship: U.S.A.

Inventor's Signature:  Date: 6/25/2005

Full Name of Third Inventor: Ming Jiang

Home Address: 4774 Calendula Court, San Jose, California 95136

Post Office Address: Same as Above

Citizenship: China

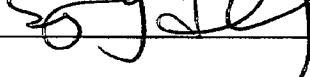
Inventor's Signature:  Date: 06/28/2005

Full Name of Fourth Inventor: Sue Siyang Zhang

Home Address: 12298 Goleta Avenue, Saratoga, California 95070

Post Office Address: Same as Above

Citizenship: U.S.A.

Inventor's Signature:  Date: 7/13/05

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