

Docket: HSI9-2004-0134US1

**RECORDATION FORM COVER SHEET  
PATENTS**

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):**

Yinshi Liu, Nian-Xiang Sun, Yunxiao Gao, Yimin Hsu,  
Tomohiro Okada, Yasuyuki Okada

Name: Hitachi Global Storage Technologies  
Netherlands B.V.

Address: Locatellikade 1  
Parnassustoren  
1076 AZ Amsterdam  
The Netherlands

3. **Nature of conveyance: Assignment**

Execution Date: September 15, 17, 21,22, 29, 2004

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)**  
10/927,875

B. **Patent No.(s)**

Additional numbers attached? Yes  No

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 August 27, 2004 with initial filing of  
Patent Application


8.  **Deposit Account Number: 501638**

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

October 12, 2004  
Date

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

CH \$40.00 501638 10927875

Hitachi-0001US

700122412

**PATENT**  
**REEL: 015238 FRAME: 0827**

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**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 **Yinshi Liu, Nian-Xiang Sun, Yunxiao Gao, Yimin Hsu, Tomohiro Okada, and Yasuyuki Okada** and disclosed and/or claimed in an application for Letters Patent of the United States of America Serial No. **10/927,875** filed **August 27, 2004**, entitled:

**"HIGH MOMENT LAMINATED FILMS WITH ANTIFERROMAGNETICALLY  
COUPLING AS WRITE POLE AS PERPENDICULAR MAGNETIC RECORDING  
HEAD"**

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.

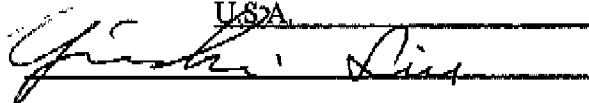
Further, I agree that I will communicate to said Assignee, or its representatives, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisions, continuations, substitutions, and renewal reexamination and reissue applications, execute 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.

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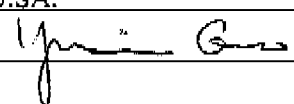
The undersigned hereby authorizes the firm of LAW OFFICES OF IMAM to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this assignment suitable for recordal in the United States Patent Office, and any Patent Office foreign to the United States.

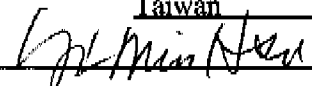
In Testimony Whereof, I hereunto set my hand.

### SIGNATURES

Full Name of First Inventor: Yinshi Liu  
Home Address: 548 Trinidad Lane, Foster City, CA 94404  
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Inventor's Signature:  Date: 9/15/04

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Inventor's Signature:  Date: 9/22/04

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Inventor's Signature:  Date: 9-29-04


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In Testimony Whereof, I hereunto set my hand.

### SIGNATURES

Full Name of First Inventor: Yinshi Liu  
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Inventor's Signature: Tomohiro Okada Date: Sept. 21, 2004

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Post Office Address: Same as Above  
Citizenship: Japan  
Inventor's Signature: Yasuyuki Okada Date: Sept. 21, 2004