

07-15-2008

Docket: HSJ920070086US1



Patent & Trademark Office

103513898

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):

Ming Jiang  
Changqing Shi

Name: Hitachi Global Storage Technologies  
Netherlands B.V.

Street Address:  
Locatellikade 1  
Parnassustoren  
1076 AZ Amsterdam  
The Netherlands

Additional name(s) of conveying  
party(ies) attached \_\_Yes XX No

Additional name(s) & address(es) attached?  
\_\_Yes XX No

3. Nature of conveyance:

XX Assignment Execution Date: 12/27/2007

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)  
12/005,557

B. Patent No.(s)

Additional numbers attached? \_\_Yes XX No

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

Name: Hitachi Global Storage Technologies  
Internal  
Address: Intellectual Property Law  
Street  
Address: 5600 Cottle Road, Dept. NHGB/014-2,  
San Jose, California 95193

6. Total Number of applications and patents  
involved: One

7. Total fee (37 CFR 3.41).....\$ 40.00  
Enclosed  
XX Authorized to be charged to  
deposit account

8. Deposit Account Number: 50-2587

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.

7/10/2008

Date

D'Arcy H. Lorimer

Total number of pages including cover sheet, attachments, and document: / 3 /

07/14/2008 DLYRME 00000095 502587 12005557  
01 FC-0021 40.00 DA

ASSIGNMENT

Whereas, we

INVENTOR  
AND CITY

- (1) Ming Jiang of San Jose, CA.; and,  
 (2) Changqing Shi of Mountain View, CA.,

have invented certain improvements in

TITLE

**MAGNETIC HEAD FOR PERPENDICULAR RECORDING HEAD HAVING STEPPED WRAP AROUND SHIELD WITH  
 INDEPENDENT CONTROL OF WRITE POLE TRACK WIDTH AND FLARE POINT DIMENSIONS**

DATES THAT  
INVENTORS  
SIGNED THE

and executed, respectively, a United States patent application therefore on

- (1) 11/29/2007 (2) \_\_\_\_\_

Whereas, **HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.**, having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands (hereinafter called **HITACHI**), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to **HITACHI**, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to **HITACHI**, its successors and assigns; and we hereby agree that **HITACHI** may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by **HITACHI**.

Signed

CITY  
DATE

(1) at San Jose  
 on 11/29/2007, 2007,

  
 Ming Jiang

SIGNATURE  
INVENTORCITY  
DATE

(2) at \_\_\_\_\_  
 on \_\_\_\_\_, 2007,

Changqing Shi

SIGNATURE  
INVENTOR

DOCKET: H5J920070086US1

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- (1) \_\_\_\_\_ (2) 11/27/07

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Signed

CITY  
DATE

(1) at \_\_\_\_\_  
on \_\_\_\_\_, 2007,

Ming Jiang

SIGNATURE  
INVENTORCITY  
DATE

(2) at San Jose  
on 11/27/07, 2007,

Changqing Shi

SIGNATURE  
INVENTOR

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RECORDED: 07/14/2008

PATENT  
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