

## RECORDATION FORM COVER SHEET

## PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

## 1. Name of conveying party(ies)/Execution Date(s):

James M. Freitag  
Mustafa M. Pinarbasi

Execution Date(s) 2/21/2007, 2/21/2007

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☐ Other \_\_\_\_\_

## 2. Name and address of receiving party(ies)

Name: Hitachi Global Storage Technologies Netherlands  
B.V.

Internal Address: \_\_\_\_\_

Street Address: Locatellikade 1ParnassustorenCity: 1076 AZ Amsterdam

State: \_\_\_\_\_

Country: Netherlands Zip: \_\_\_\_\_Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

A. Patent Application No.(s): 11678427

☒ This document is being filed together with a new application.

B. Patent No.(s): \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

Name: Brett BornsenDuft Bornsen & Fishman, LLP

Internal Address: \_\_\_\_\_

Street Address: 1526 Spruce StreetSuite 302City: BoulderState: CO Zip: 80302Phone Number: 303-786-7687Fax Number: 303-786-7691

Email Address: \_\_\_\_\_

6. Total number of applications and patents involved: 17. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ Authorized to be charged by credit card
- ☒ Authorized to be charged to deposit account
- ☐ Enclosed
- ☐ None required (government interest not affecting title)

## 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_b. Deposit Account Number 50-2587Authorized User Name Brett Bornsen9. Signature: Max Gratton

Signature

23 February 2007

Date

Total number of pages including cover sheet, attachments, and documents:

2

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-6995, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA. 22313-1450



Docket: HJSJ920060112US1

ASSIGNMENT

Whereas, I/We

- (1) James M. Freitag of Sunnyvale, CA  
(2) Mustafa M. Pinarbasi of Morgan Hill, CA

have invented certain improvements in

**MAGNETORESISTANCE SENSORS PINNED BY AN ETCH INDUCED MAGNETIC ANISOTROPY**

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

- (1) Feb. 21<sup>st</sup>, 2007  
(2) 2-21-2007, 2007

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, I, 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 I 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 I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by HITACHI.

Signed

(1) at San Jose,  
on Feb. 21<sup>st</sup>, 2007,

James M. Freitag

SIGNATURE  
INVENTOR

(2) at San Jose,  
on 2-21, 2007,

Mustafa M. Pinarbasi

SIGNATURE  
INVENTOR