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**3. Nature of conveyance:**

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

Name: Hitachi Global Storage Technologies Netherlands, B.V.

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

Street Address: Locatellikade 1  
Parnassustoren

City: 1076 AZ Amsterdam

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

Country: Netherlands Zip: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s): 11/935,189

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

Additional numbers attached?  Yes  No

**6. Total number of applications and patents involved:**

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

Name: Brett Bornsen

Duft Bornsen & Fishman, LLP

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

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Suite 302

City: Boulder

State: CO Zip: 80302

Phone Number: 303-786-7687

Fax Number: 303-786-7691

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

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**


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**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
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b. Deposit Account Number 50-2587

Authorized User Name Brett Bornsen

**9. Signature:**  \_\_\_\_\_ 5 November 2007  
Signature Date

Brett Bornsen \_\_\_\_\_  
Name of Person Signing

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

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CH \$40.00 502587 11935189

Docket: HSJ920070130US1

ASSIGNMENT

Whereas, I/We

(1) **Gunn Choe of San Jose, CA**

have invented certain improvements in

**PERPENDICULAR MAGNETIC RECORDING DISK HAVING A PERMEABILITY GRADIENT**

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

(1) 10/30, 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 10/30, 2007,

  
Gunn Choe

SIGNATURE  
INVENTOR