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HEET

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To the Director of the U.S. Patent

1. Name of conveying party(ies)

Jeffrey S. Lille

2. Name and address of receiving party(ies)

Name: Hitachi Global Storage Technologies Netherlands B.V.

Internal Address:

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 6/27/2008

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

Street Address: Locatellikade 1

Parnassustoren

City: 1076 AZ Amsterdam

State:

Country: The 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)

12/217,379

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address 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

City: San Jose

State: California Zip: 95193

Phone Number:

Fax Number:

Email Address:

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- 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 50-2587

Authorized User Name D'Arcy H. Lorimer

9. Signature:

D'Arcy H. Lorimer

Name of Person Signing

Signature

7/29/2008

Date

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

3/2217379

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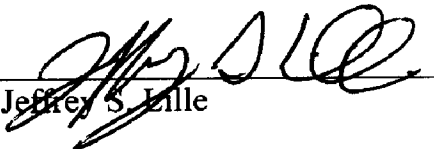
ASSIGNMENT FOR PATENT APPLICATION

Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled: THERMALLY ASSISTED RECORDING HEAD CONTROL MEANS FOR PROTRUSION MANAGEMENT

Whereas, **Hitachi Global Storage Technologies Netherlands B.V.**, having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands (hereinafter referred to as "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/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 on the date(s) indicated beside my (our) signature(s).

1) Signature: 
Typed Name: Jeffrey S. Lille

Date: June 27, 2008