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1. Name of conveying party(ies)/Execution Date(s):
Andreas Klaus Berger
Eric E. Fullerton

Execution Date(s) 7/16/05, 7/16/05
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.
Internal Address: _____

Street Address: Locatellade 1
Parnassustoren
1076 AZ Amsterdam
The Netherlands
City: _____
State: _____
Country: _____ Zip: _____
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
11/185,859
Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:
Name: Hitachi Global Storage Technologies
Internal Address: Intellectual Property Law
Mail Stop NHGB/014-2
Street Address: 5600 Cottle Road

City: San Jose
State: CA Zip: 95193
Phone Number: _____
Fax Number: _____
Email Address: _____

6. Total number of applications and patents involved: 1
7. 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 502587
Authorized User Name Thomas R. Berthold

9. Signature: *Darren Gold*
Signature
Darren Gold
Name of Person Signing

September 16, 2005
Date
Total number of pages including cover sheet, attachments, and documents: **3**

Documents to be recorded (including cover sheet) should be filed to (703) 306-8095, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1460, Alexandria, V.A. 22313-1458

GH \$40.00 502587 11186859

ASSIGNMENT

Whereas, *l/we,*

(1) **Andreas Klaus Berger**
City of **San Jose**

County of **Santa Clara**

State of **CA**

(2) **Eric E. Fullerton**
City of **Morgan Hill**

County of **Santa Clara**

State of **CA**

(3)
City of

County of

State of

(4)
City of

County of

State of

(5)
City of

County of

State of

(6)
City of

County of

State of

have invented certain improvements in:

PERPENDICULAR MAGNETIC RECORDING MEDIUM WITH METAMAGNETIC ANTIFERROMAGNETICALLY-COUPLED LAYER BETWEEN THE SOFT UNDERLAYER AND THE RECORDING LAYER

and executed a Declaration and Power of Attorney for a United States patent application therefor on

(1) 7/15/2005 (2) 7/15/2005 (3) _____
(4) _____ (5) _____ (6) _____

Whereas, **HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.**, having a place of business at **Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands** (hereafter 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 therefor;

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**.

(1) Inventor: **Andreas Klaus Berger** City/State: **San Jose, CA**
 Signature *Andreas Berger* Date 7/15/2005

(2) Inventor: **Eric E. Fullerton** City/State: **San Jose, CA**
 Signature *Eric E Fullerton* Date 7/15/2005

(3) Inventor: City/State: **San Jose, CA**
 Signature _____ Date _____

(4) Inventor: City/State: **San Jose, CA**
 Signature _____ Date _____

(5) Inventor: City/State: **San Jose, CA**
 Signature _____ Date _____

(6) Inventor: City/State: **San Jose, CA**
 Signature _____ Date _____