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Charles Mathew Mate
Robert N. Payne

Execution Date(s) 02/10/2005, 02/14/2005

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 1
Parnassustoren
1076 AZ Amsterdam
The Netherlands

City: _____

State: _____

Country: _____ 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)
11/059,290

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
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

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Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
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Authorized User Name Thomas R. Berthold

9. Signature: 

Signature

March 11, 2005
Date

Duke Amaniampong
Name of Person Signing

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

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CH \$40.00 502587 11059290

ASSIGNMENT

Whereas, I/we,

(1) **Charles Mathew Mate**
 City of **San Jose**
 County of **Santa Clara**
 State of **CA**

(2) **Robert N. Payne**
 City of **San Jose**
 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:

APPARATUS FOR MEASUREMENT OF FRICTION FORCE AT THE INTERFACE OF A SLIDER AND ROTATING DISK

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

(1) C. Mathew Mate, 2/14/05 (2) 10 Feb 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.

Page 2 of 2

Docket

HSJ920040384US1

(1) Inventor: **Charles Mathew Mate**

City/State:

Signature C. Mathew Mate

Date 2/14/05

(2) Inventor: **Robert N. Payne**

City/State:

Signature Rob Payne

Date 10 Feb 2005

(3) Inventor:

City/State:

Signature _____

Date _____

(4) Inventor:

City/State:

Signature _____

Date _____

(5) Inventor:

City/State:

Signature _____

Date _____

(6) Inventor:

City/State:

Signature _____

Date _____