

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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)

- 1. Jacey Robert Beaucage
- 2. Linden J. Crawford
- 3. Xiao Z. Wu

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

2. Name and address of receiving party(ies)

Hitachi Global Storage Technologies

Name: Netherlands, B.V.

Internal Address: _____

Street Address: 5600 Cottle Road (NHGB/0142)

City: San Jose

State: California

Country: U.S.A.

Zip: 95193

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

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

Execution Date(s) 02/23/04, 02/24/04, 02/23/04

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- 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)

Hitachi ID. No: HSJ9-2003-0128US3
 U. S. Attorney Docket No.: 0107-8084
 USPTO Application No.: 11/881,623

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: John J. Oskorep, Esq. LLC

Internal Address: _____

Street Address: One Magnificent Mile Center
980 North Michigan Avenue, Suite 1400

City: Chicago

State: Illinois Zip: 60611

Phone Number: 312-222-1860

Fax Number: 312-475-1850

Email Address: _____

6. Total number of applications and patents involved: 1**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)

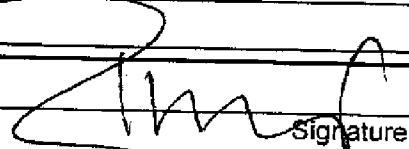
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-2587

Authorized User Name John J. Oskorep, Esq.

9. Signature:



Signature

John J. Oskorep, Esq.

Name of Person Signing

3 March 2008
Date

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 502587 11881623

Docket: HSI9-2003-0128US1

ASSIGNMENT

INVENTOR AND CITY

Whereas, we, Jacey Robert Beaucage, of San Jose, County of Santa Clara, State of California, Linden J. Crawforth, of San Jose, County of Santa Clara, State of California, and Xiao Z. Wu, of San Jose, County of Santa Clara, State of California,

TITLE

METHODS AND APPARATUS FOR CONTROLLING THE LAPPING OF A SLIDER BASED ON AN AMPLITUDE OF A READBACK SIGNAL PRODUCED FROM AN EXTERNALLY APPLIED MAGNETIC FIELD

DATES THAT INVENTORS SIGNED THE

have invented certain improvements in and executed, respectively, a United States patent application therefore on

- (1) 2/23/04 (2) 2/24/04 (3) Feb 23, 04 (4) (5) (6) (7) (8)

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, 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 and sealed

- CITY DATE CITY DATE CITY DATE CITY DATE CITY DATE (1) at San Jose on 2/23, 2004 (2) at San Jose on 2/24, 2004 (3) at San Jose on Feb 23, 2004 (4) at on , 2004 (5) at on , 2004

SIGNATURE INVENTOR SIGNATURE INVENTOR SIGNATURE INVENTOR SIGNATURE INVENTOR (Signatures of Jacey Robert Beaucage, Linden J. Crawforth, and Xiao Z. Wu)

JOHN J. OSKOREP, ESQ. LLC

ATTORNEY AT LAW

REGISTERED TO PRACTICE BEFORE THE
U.S. PATENT & TRADEMARK OFFICE

OFFICE: 312-222-1860

FAX: 312-475-1850

ONE MAGNIFICENT MILE CENTER • 980 NORTH MICHIGAN AVENUE, SUITE 1400
CHICAGO, ILLINOIS 60611 • JOSKOREP@SECUREPATENTS.COM

**** ORIGINAL WILL NOT BE MAILED *****
FAX TRANSMISSION COVER SHEET

To: TELEPHONE:
ASSIGNMENT RECORDATION SERVICES
COMMISSIONER FOR PATENTS
P.O. Box 1450
ALEXANDRIA, VIRGINIA 22313-1450

FAX NUMBER:
571-273-0104
40

FROM:
JOHN J. OSKOREP, ESQ.

RE: RECORDATION OF ASSIGNMENT FOR PATENT APPLICATION TITLED:
**METHODS AND APPARATUS FOR CONTROLLING THE LAPPING OF A
SLIDER BASED ON AMPLITUDE OF A READBACK SIGNAL PRODUCED FROM
AN EXTERNALLY APPLIED MAGNETIC FIELD**
INVENTOR (S): **BEACAUGE ET AL.**
HITACHI DOCKET No.: **HSJ9-2003-0128US3**
U.S. ATTORNEY DOCKET No.: **0107-0084**
USPTO APPLICATION No.: **11/881,623**
FILING DATE.: **27 JULY 2007**

PAGES:
_____ (INCLUDING THIS FORM)

OTHER:
DEAR ASSIGNMENT RECORDATION SERVICES:

PLEASE RECORD THE FOLLOWING ASSIGNMENT FOR THE ABOVE-IDENTIFIED PATENT APPLICATION. ATTACHED PLEASE FIND A COPY OF THE ASSIGNMENT AND A RECORDATION FORM COVER SHEET FOR THE SAME. THANK YOU.

BEST REGARDS,

JOHN J. OSKOREP, ESQ.

DATE: 3 March 2008