

12/08/03

12-18-2003

Docket: HJSJ9-2003-0111US1

US Department Of Commerce
Patent & Trademark Office



102627152

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): **Quan-chiu Harry Lam**

2. Name and address of receiving party(ies):
Name: **Hitachi Global Storage Technologies
Netherlands B.V.**

Street Address:
**Locatellikade 1
Parnassustoren
1076 AZ Amsterdam
The Netherlands**

22390 U.S. PTO
10730687
120803

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

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

3. Nature of conveyance:

XX Assignment Execution Date: 2 Dec 2003

4. Application number(s) or patent number(s): 101730687

If this document is being filed together with a new application, the execution date of the application is: 2 Dec 2003

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party 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
San Jose, California 95193**

6. Total Number of applications and patents involved: **One**

7. Total fee (37 CFR 3.41).....\$ **40.00**
 Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number: **50-2587**

(12/17/2003 DBYRNE 00000119 502587 10730687)
01 FC:8021 40.00 DA

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

8 Dec 2003

Date

John J. Oskorep

Total number of pages including cover sheet, attachments, and document: / 2 /

ASSIGNMENT

Whereas, I,

INVENTOR
AND CITY

Quan-chiu Harry Lam, of San Jose, County of Santa Clara, State of California,
have invented certain improvements in

TITLE

**METHODS OF ORIENTING AN EASY AXIS OF A HIGH-ASPECT RATIO WRITE HEAD FOR IMPROVED
WRITING EFFICIENCY**

DATES THAT
INVENTORS
SIGNED THE

and executed, respectively, a United States patent application therefore on
(1) Dec 2, 2003.

Whereas, **HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS, B.V.**, having a place of
business at Locatellikade 1, 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

(1) at San Jose



SIGNATURE

DATE

on Dec 2, 2003

Quan-chiu Harry Lam

INVENTOR