

**RECORDATION FORM COVER SHEET**

COMMISSIONER FOR  
PATENTS  
By Fax to  
703-306-5995

Application Number: 11/069306  
Filing Date: 02-28-2005  
First Named Inventor: Li  
Group Art Unit: 2652  
Examiner n.a.  
Atty. Docket Num. HSJ920040181US2

Please record the attached original assignment documents or copy thereof.

## 1. Name(s) of conveying party:

1. Jinshan Li, San Jose, CA
2. Tsann Lin, Saratoga, CA

## 2. Name and address of receiving party:

**HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.**  
**Locatellikade 1**  
**Parnassustoren**  
**1076 AZ Amsterdam**  
**The Netherlands**

## 3. Nature of conveyance:

**XX Assignment**

Execution Dates: March 7, 8, 2005

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

If this document is being filed together with a new application, the execution dates of the application are:

A. Patent Application No.(s) 11/069306

B. Patent No.(s)

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

**G. Marlin Knight (#33,409)**  
**Hoyt & Knight**  
**PO Box 1320**  
**Pioneer, CA 95666**

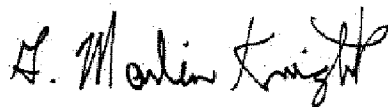
6. Total Number of applications and patents involved: **One**

7. Total fee (37 CFR 3.41).....\$ **40.00**

Authorized to be charged to deposit account.

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

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.



Date: June 21, 2005

**G. Marlin Knight (Reg. Number 33,409)**  
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**209-295-1982**

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

HSJ920040181US2

CH \$40.00 502587 11069306

**ASSIGNMENT**

INVENTOR AND CITY Whereas, we  
1. Jinshan Li, San Jose, CA  
2. Tsann Lin, Saratoga, CA

TITLE have invented certain improvements in  
GMR Sensors with Strongly Pinning and Pinned Layers

DATES THAT INVENTORS SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on  
(1) 3/7/05 (2) 3/8/05


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:

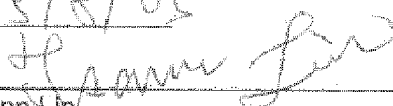
CITY (1) at San Jose

DATE on 3/7/05

INVENTOR  SIGNATURE  
Jinshan Li

CITY (2) at San Jose

DATE on 3/8/05

INVENTOR  SIGNATURE  
Tsann Lin

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