

10-14-2003

Docket: HSJ9-2003-0071US1



US Department Of Commerce  
Patent & Trademark Office

102573068

sheet

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

1. Name of conveying party(ies): **James Mac Freitag**  
**Mustafa Michael Pinarbasi**

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

9.30.03

Street Address:  
**Locatellikade 1**  
**1076 AZ Amsterdam**

**1070 AE Amsterdam**  
**The Netherlands**

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

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

16834 U.S. PTO  
10/675481  
09/30/03

3. Nature of conveyance:  
XX Assignment Execution Date: **9/29/2003, 9/26/2003**

4. Application number(s) or patent number(s): **20675481**

If this document is being filed together with a new application, the execution date of the application is: **9/29/2003, 9/26/2003**

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:

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

Name: **Hitachi Global Storage Technologies**  
Internal  
Address: **Intellectual Property Law**  
Street  
Address: **5600 Cottle Road, Dept. NHGB/014-2**  
**San Jose, California 95193**

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

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

10/10/2003 ECDOPER 00000263 502587 10675481

01-FC-0000 40.00

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.

30 Sept 2003

Date

[Signature]

John J. Oskorep

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

ASSIGNMENT

Whereas, we,

INVENTOR  
AND CITY

**James Mac Freitag**, of San Jose, County of Santa Clara, State of California, and  
**Mustafa Michael Pinarbasi**, of Morgan Hill, County of Santa Clara, State of California,

have invented certain improvements in

TITLE

**SPIN VALVE SENSOR WITH A CAPPING LAYER COMPRISING COBALT**

DATES THAT  
INVENTORS  
SIGNED THE

and executed, respectively, a United States patent application therefor on

(1) 9/29/03 (2) 9-26-03

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 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.

Signed and sealed

CITY

(1) at San Jose



SIGNATURE

DATE

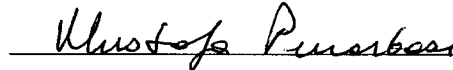
on 9-29, 2003

**James Mac Freitag**

INVENTOR

CITY

(2) at San Jose



SIGNATURE

DATE

on 9-26, 2003

**Mustafa Michael Pinarbasi**

INVENTOR