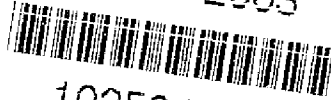


07-22-2003



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Form PTO-1595

U.S. Department of Commerce

Docket No. HSI9-2003-0007US1

R SHEET

To the Hon. Commissioner of Patents & Trademarks: Please

Attach the attached original documents or copy thereof.

1. Name of conveying party(ies):

Elizabeth Ann Dobisz, James Mac Freitag,
Mustafa Michael Pinarbasi and Patrick Rush WebbAdditional name of conveying party attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Hitachi Global Storage Technologies
Netherlands B.V.Street Address: Locatellikade 1, 1076 AZ Amsterdam,
P.O. Box 75215, 1070 AE Amsterdam, The NetherlandsAdditional name(s) and address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ AssignmentExecution Date: July 1, 2003, June 16, 2003, June 24, 2003
and June 16, 2003

4. Application number(s) or patent numbers:

If this document is being filed together with a new application, the execution date of the application is: July 1, 2003, June 16, 2003,
June 24, 2003 and June 16, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address party to whom correspondence concerning
document should be mailed:Name: Robert O. Guillot
IPLO Intellectual Property Law OfficesStreet Address: 1901 S. Bascom Ave., Suite 660
City: Campbell State: California ZIP: 950086. Total number of applications and
patents involved: 1

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

☒ Enclosed☒ Any discrepancy or overpayment is authorized to be
charged to deposit account

8. Deposit Account number: 08-3240

(Attach duplicate copy of this page if paying by deposit account)

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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.*

Robert O. Guillot

Name of Person Signing

Signature

July 7, 2003

Date

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

19249 U.S. PTO

10/615554

07/07/03

ASSIGNMENT

Whereas, I, Elizabeth Ann Dobisz of San Jose, James Mac Freitag of San Jose, Mustafa Michael Pinarbasi of Morgan Hill, and Patrick Rush Webb of Los Gatos, County of Santa Clara and State of California have invented certain improvements in **Thermally Stable Oxidized Bias Layer Structure for Magnetoresistive Magnetic Head for a Hard Disk Drive** and executed, respectively, a United States patent application therefor on 7/1, 2003, 6/16, 2003, 6/24, 2003, and 6/16, 2003,

Whereas, HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V., having a place of business at Locatellikade 1, 1076 AZ Amsterdam, P.O. Box 75215, 1070 AE 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, I, 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 I 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 I hereby agree that HITACHI may apply for foreign Letters Patent on said invention and I 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

at San Jose
on July 1, 2003


ELIZABETH ANN DOBISZ

Signed and sealed

at San Jose
on 6/16, 2003


JAMES MAC FREITAG

Signed and sealed

at San Jose
on 6/24, 2003


MUSTAFA MICHAEL PINARBASI

Signed and sealed

at San Jose
on 6/16, 2003


PATRICK RUSH WEBB