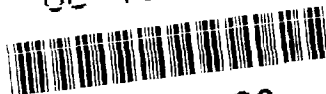


08-13-2003

PATENTS ONLY

Client Reference No. US 6,246,541



102522860

JR PATENTS

Please record the attached original document or copy thereof.

1. Name of Party (ies) conveying an interest:

Hitachi Metals, Ltd.  
2-1 Shibaura 1-Chome,  
Minato-ku, Tokyo, Japan

Additional name(s) of conveying party (ies) attached?

☐ Yes ☒ No

2. Name and Address of Party(ies) receiving an interest:

Name: IP Trading Japan Co., Ltd.  
Internal Address:  
Street Address: 1-2-3 Minami - Yukigaya  
City: Ota-ku, Tokyo  
State/Zip: Japan

Additional name(s) and addresses attached?

☐ Yes ☒ No

3. Description of the interest conveyed:

☒ Assignment☐ Change of Name

Other:

☐ Security Agreement☐ Merger

Execution Date: August 6, 2003

Application number(s) or patent number(s). Additional sheet attached? ☐ Yes ☒ No

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

Date

Patent Application No.(s)

Patent No.(s)

6,246,541

Additional numbers attached? ☐ Yes ☒ No

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

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312)321-4200

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$40.00

☒ Enclosed☐ Authorized to be charged to Deposit Account No. 23-19258. ☒ Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

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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.

Gustavo Siller, Jr. Reg. No.:32,305

Name of Person Signing

Signature

August 6, 2003

Date

Total number of pages including cover sheet, attachments, and document: 6

Rev. Oct-97

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PATENT  
REEL: 014363 FRAME: 0129

## ASSIGNMENT

Whereas, Hitachi Metals, Ltd.(hereinafter HML), a corporation having a place of business at 2-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, is the sole owner of the United States Letters Patents listed in Exhibit A, and,

Whereas, IP Trading Japan Co., Ltd. (hereinafter IPT), a corporation having a place of business at 1-2-3 Minami-Yukigaya, Ota-ku, Tokyo, Japan, is desirous of acquiring the entire right, title and interest in the aforesaid Letters Patents;

Now, therefore, in consideration of the sum of Ten Dollars(\$10.00) paid by IPT to HML, the receipt of which is hereby acknowledged, and other good and valuable consideration, HML, by these presents does sell, assign and transfer unto IPT the entire right, title and interest in and to the aforesaid Letters Patents to be held and enjoyed by IPT for his own use and behoof, and for his legal representatives and assigns, to the full end of the term for which the aforesaid Letters Patents are granted, as fully and entirely as the same would have been held and enjoyed by HML if this assignment, transfer and sale had not been made.

Subscribed and executed

on 7/6/03 by GS



Ken Nakamura

Director of Patent & Licensing Div.

Authorized Signing Officer

Witness: Toshihiko Tanaka

Witness: Shasuke Sakurai

**EXHIBIT A**

Patent No	Title	Assignee / Applicant
US4667259	Non-magnetic part in magnetic head assembly	Hitachi Metals, Ltd.
US5052099	Method of fabricating a magnetic head by sputter etching	Hitachi Metals, Ltd.
US5231554	Floating magnetic head having low noise level	Hitachi Metals, Ltd.
US5233492	Flying type composite magnetic head having Mn-Zn ferrite core	Hitachi Metals, Ltd.
US5273948	Bonding glass for assembling a magnetic head, and a magnetic head	Hitachi Metals, Ltd.
US5576912	Floating magnetic head with reduced magnetostriction vibration noise	Hitachi Metals, Ltd.
US5581429	Thin-film magnetic head having improved magnetic pole structure	Hitachi Metals, Ltd.
US5751516	Non-magnetic substrate material and slider assembly for use in flying-type magnetic head	Hitachi Metals, Ltd.
US5771133	Floating magnetic head	Hitachi Metals, Ltd.
US5948550	Magnetoresistive film	Hitachi Metals, Ltd.
US6027824	Magnetic head with low non-linear transition shift	Hitachi Metals, Ltd.
US6072670	Thin film magnetic head having a pair of magnetic poles formed on substrate through a magnetic gap layer	Hitachi Metals, Ltd.
US6101068	MR composite-type thin-film magnetic head having an upper pole with a high saturation magnetic flux density and an intermediate pole with a high resistivity	Hitachi Metals, Ltd.
US6185068	Thin-film magnetic head with a coil having a trapezoidal crosssection	Hitachi Metals, Ltd.
US6202289	Manufacturing process of thin film magnetic head sliders	Hitachi Metals, Ltd.
US6246541	Thin film magnetic head with reduced magnetic gap by incorporating coil conductors with convex surfaces	Hitachi Metals, Ltd.
US6365029	Manufacturing method for a thin film magnetic head having fine crystal grain coil	Hitachi Metals, Ltd.