

04/13/04

04-19-2004

PATENTS ONLY



Our File No. 9281-4798

TO THE

ENTS

102724731

Please record the attached original document or copy thereof.

1. Name of Party conveying an interest:

Masamichi Saito, Yoshihiro Nishiyama, Yosuke Ide,
Eiji Umetsu, Naoya Hasegawa
and Yasuo Hayakawa

2. Name and Address of Party receiving an interest:

Name: ALPS Electric Co., Ltd.
Internal Address:
Street Address: 1-7 Yukigaya, Otsuka-cho
City: Ota-ku, Tokyo
State/Zip: Japan

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

☐ Yes ☒ No

Additional name(s) and addresses attached?

☐ Yes ☒ No

3. Description of the interest conveyed:

☒ Assignment☐ Change of Name

Other:

☐ Security Agreement☐ Merger

Execution Date: March 30, 2004

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:
March 30, 2004

Patent Application No.(s)

Patent No.(s)

10/823474

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
Customer Number 00757

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40

☒ Enclosed☐ Authorized to be charged 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

Date

4/13/04

Total number of pages including cover sheet, attachments, and document: 4

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04/16/2004 MBETACHE 00000194 10823474

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PATENT
REEL: 015204 FRAME: 0666

ASSIGNMENT

WHEREAS, Masamichi Saito, Yoshihiro Nishiyama, Yosuke Ide,
Eiji Umetsu, Naoya Hasegawa and Yasuo Hayakawa
hereinafter called the "Assignors", have made the invention described in the United States patent application entitled SELF-PINNED CPP GIANT MAGNETORESISTIVE HEAD WITH ANTIFERROMAGNETIC FILM ABSENT FROM CURRENT PATH, executed by Assignors on the same date as this Assignment;

WHEREAS, ALPS ELECTRIC CO., LTD., a corporation organized and existing under the laws of Japan, having a place of business at 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: March 30, 2004

Masamichi Saito

Inventor: Masamichi Saito

WITNESSED:

DATE: March 30, 2004

Nobuhiro Hayashi

DATE: March 30, 2004

Shuji Izawa

DATE: March 30, 2004

Yoshihiro Nishiyama

Inventor: Yoshihiro Nishiyama

WITNESSED:

DATE: March 30, 2004

Nobuhiro Hayashi

DATE: March 30, 2004

Shuji Izawa

DATE: March 30, 2004

Yosuke Ide

Inventor: Yosuke Ide

WITNESSED:

DATE: March 30, 2004

Nobuhiro Hayashi

DATE: March 30, 2004

Shuji Izawa

DATE: March 30, 2004

Eiji Umetsu
Inventor: Eiji Umetsu

WITNESSED:

DATE: March 30, 2004

Nobuhiko Hayashi

DATE: March 30, 2004

Shunji Izawa

DATE: March 30, 2004

Naoya Hasegawa

Inventor: Naoya Hasegawa

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DATE: March 30, 2004

Nobuhiko Hayashi

DATE: March 30, 2004

Shunji Izawa

DATE: March 30, 2004

Yasuo Hayakawa

Inventor: Yasuo Hayakawa

WITNESSED:

DATE: March 30, 2004

Nobuhiko Hayashi

DATE: March 30, 2004

Shunji Izawa

DATE: _____

Inventor: _____

WITNESSED:

DATE: _____

DATE: _____