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Client/Matter No. 9333-514

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To the Director of the U.S. Patent and Trademark Office, please forward the enclosed documents or the new address(es) below:

1. Name of conveying Party(ies)/Execution Date:

SATOSHI HAGA

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

Yes No

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

Name: ALPINE ELECTRONICS, INC.

Internal Address:

Street Address: 1-1-8 Nishi-Gotanda

City: Shinagawa-ku

State: Tokyo

Country: Japan Zip:

Additional name(s) and addresses attached? Yes No

3. Nature of Conveyance:

Execution Date(s): November 17, 2006

- Assignment
- Change of Name
- Executive Order 9424, Confirmatory License
- Security Agreement
- Merger
- Joint Research Agreement
- Government Interest Assignment
- Other

4. Application or patent number(s).

A. Patent Application No.(s)
11/522,308

This document is being filed together with a new application.

B. Patent No.(s)

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
(312) 321-4299 Fax

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card.
- Authorized to be charged to Deposit Account No. 23-1925.
- Enclosed
- None required (government interest not affecting title)

8. Payment Information:

a. Credit Card: Last 4 Numbers
Expiration Date

b. Charge fee and/or any Deficiencies to Deposit
Account Number: 23-1925
Authorized User Name: Brinks Hofer Gilson & Lione

9. Signature:

Signature

Scott W. Brim

Name of Person Signing

November 30, 2006

Date

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Case No. 9333/514**ASSIGNMENT**

WHEREAS, Satoshi Haga, hereinafter called the "Assignor", has made the invention described in the United States patent application entitled "Disk-Storing Disk Device", filed on September 15, 2006 and assigned Serial No. 11/522,308:

WHEREAS, ALPINE ELECTRONICS, INC., a corporation organized and existing under the laws of Japan, having a place of business at 1-1-8 Nishi-Gotanda, Shinagawa-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 exchange for valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has 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, its territories and possessions, 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, continuations-in-part, divisions, renewals, extensions or reissues of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; 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.

- 1 -

The Assignor hereby covenants and agrees, for both the Assignor and the Assignors' legal representatives, that the Assignor 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 Assignor 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 Assignor has executed this agreement.

DATE: November 17, 2006

平賀 智

Satoshi Haga

WITNESSED:

DATE: November 17, 2006

Shinji Wakabayashi

DATE: November 17, 2006

Masahiro Otsunuma