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Client/Matter No. 9333/421 (IWUS04029)

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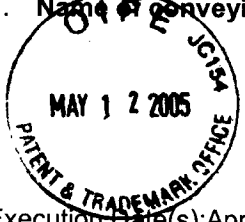
TEET

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below:

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

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



Masaru Okochi

Name: Alpine Electronics, Inc.

Internal Address:

Street Address: 1-1-8 Nishi-Gotanda

City: Shinagawa-ku

State: Tokyo

Country: JAPAN Zip:

Execution Date(s): April 19, 2005

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

Yes No

Additional name(s) and addresses attached? Yes No

3. Nature of Conveyance:

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

4. Application or patent number(s).

This document is being filed together with a new application.

A. Patent Application No.(s)

11/054,360

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

05/16/2005 ECOOPER 00000006 11054360

01 FC:8021

40.00 DP

9. Signature:

Timothy J. Le Duc
Signature

May 9, 2005

Date

Timothy J. Le Duc, Reg. No. 54,745

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 016563 FRAME: 0641

ASSIGNMENT

WHEREAS, Masaru Okochi, hereinafter called the "Assignor," has made the invention described in the United States patent application entitled "Navigation Apparatus, Route Search Method, and Program," filed on February 8, 2005, and assigned Serial No. 11/054,360;

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 does 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; 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 Assignor hereby covenants and agrees, for both the Assignor and the Assignor's 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: April 19, 2005 Masaru Okochi
Masaru Okochi

WITNESSED:
DATE: April 19, 2005 Hisatoshi Ishii

DATE: April 19, 2005 Takeshi Yoshida