

EP



103347030

Original documents or copy thereof.

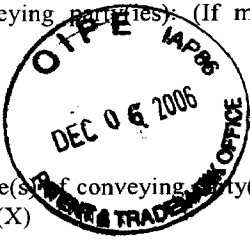
TO THE ASSISTANT COMMISSIONER

1. Name of conveying party(ies): (If multiple assignors, list numerically)

(1) Ihung Tu

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

() Yes (X) No



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

Name: Alpine Electronics, Inc

Address: 1-1-8 Nishi Gotanda, Shinagawa-ku, Tokyo, Japan

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

() Yes (X) No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

October 12, 2006

4. Application number(s) or Patent number(s):

() Application(s) filed herewith:

(X) Application No.: 11/502,014

Filing Date: August 10, 2006

() Patent No.:

Issue Date:

Additional numbers attached? () Yes (X) No

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

Name: Yasuo Muramatsu
 MURAMATSU & ASSOCIATES
 Internal Address: Suite 310
 Street Address: 114 Pacifica
 City: Irvine State: CA ZIP: 92618
 Attorney's Docket No.: ALPINE.066AUS

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

(X) Enclosed

() Authorized to be charged to deposit account

8. Deposit account number:

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Yasuo Muramatsu
Name of Person Signing

Signature

11/24/06
Date

38,684
Registration No.

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

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Box Assignments
Alexandria, VA 22313-1450

00000004 11502014

40.00

12/08/2006 M10MM1

01 FC:8021

ASSIGNMENT

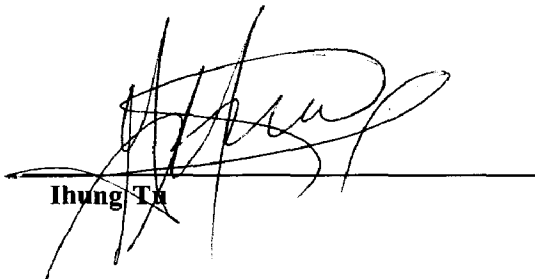
WHEREAS, I, an inventor, **Ihung Tu**, a resident of 19145 Gramercy Place, Torrance, California 90501-1162, have invented certain new and useful improvements in **ROUTE CONDITION EVALUATION METHOD AND APPARATUS FOR NAVIGATION SYSTEM**, the application of which for a letter of patent is filed on August 10, 2006 with the assigned application number 11/502,014;

AND WHEREAS, **Alpine Electronics, Inc** (hereinafter "ASSIGNEE"), a Japanese corporation, with its principal place of business at 1-1-8 Nishi Gotanda, Shinagawa-ku, Tokyo, Japan, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in the receipt of valuable consideration which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, his successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, his successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

This 12 day of October 2006


Ihung Tu