

Client Code: ALPINE.121AUS

07-01-2009

HEET



103565716

original documents or copy thereof.

TO THE ASSISTANT COMMISSIONER

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

- (1) Ihung Tu (2) Lei Zhao
(3) Ashish Patel (4) Tien Vu
(5) Luoyi Ren (6) Serge Orlov
(7) Ankur Bhatia

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:

- (X) 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)

June 8 and 9, 2009

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

() Application(s) filed herewith:

(X) Application No.: 12/380,525
Filing Date: February 28, 2009

() 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.121AUS

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

Yasuo Muramatsu
Signature

6/16/09

Date

38,684
Registration No.

06/30/2009 DRYNE 00000010 12380525

01 FC:8021

40.00 0P

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

TR5AP121.ASN
061609

PATENT
REEL: 022896 FRAME: 0612

Application No.:
Filing Date:

PATENT
Client Code: ALPINE.121AUS
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ASSIGNMENT

WHEREAS, We, **Ihung Tu**, a resident of 19145 Gramercy Place, Torrance, California 90501-1162, **Lei Zhao**, a resident of 19145 Gramercy Place, Torrance, California 90501-1162, **Ashish Patel**, a resident of 19145 Gramercy Place, Torrance, California 90501-1162, **Tien Vu**, a resident of 19145 Gramercy Place, Torrance, California 90501-1162, **Luoyi Ren**, a resident of 19145 Gramercy Place, Torrance, California 90501-1162, **Serge Orlov**, a resident of 19145 Gramercy Place, Torrance, California 90501-1162, and **Ankur Bhatia**, a resident of 19145 Gramercy Place, Torrance, California 90501-1162, have invented certain new and useful improvements in **LINK PROMOTION METHOD AND APPARATUS FOR IMPROVING ROUTE SEARCH PERFORMANCE FOR NAVIGATION SYSTEM**, the application of which for a letter of patent is filed on February 28, 2009, and the assigned application number is 12/380,525;

NOW, THEREFORE, in the receipt of valuable consideration which is hereby acknowledged, We, the said inventors, do hereby acknowledge that We 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 We 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 WE HEREBY covenant and agree that We 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 8 day of June 2009


Ihung Tu

This 8 day of June 2009


Lei Zhao

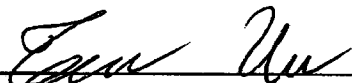
This 8 day of June 2009


Ashish Patel

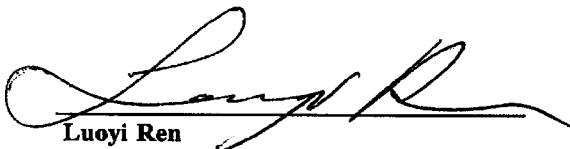
Application No.:
Filing Date:

PATENT
Client Code: ALPINE.121AUS
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This 9th day of June 2009


Tien Vu


This 8th day of June 2009


Luoyi Ren

This 8th day of June 2009


Serge Orlov

This 8th day of June 2009


Ankur Bhatia 2

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