

06-19-2002

Q70498

Form PTO-1595 (modified)
(Rev. 03/01)
OMB No. 0651-0027



EET U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

102127456

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Satoshi ODAGAWA
Yasuteru KODAMA
Motohiko TAKAYANAGI
Motoyuki YAMASHITA

2. Name and address of receiving party(ies):
PIONEER CORPORATION
No. 4-1 Meguro 1-chome, Meguro-ku, Tokyo-to, Japan

06/10/02

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Additional name(s) & address(es) attached? Yes No

Execution Date: June 4, 2002

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: June 4, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and patents involved:
1

7. Total fee (37 CFR 3.41): \$40.00
 Enclosed.
 Authorized to be charged to Deposit Account No. 19-4880.
The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

8. Deposit account number:
19-4880
(Attach duplicate copy of this page if paying by deposit account)

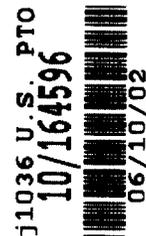
DO NOT USE THIS SPACE

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.

Darryl Mexic Reg. No. 23,063

June 10, 2002
Date

Total number of pages including cover sheet, attachments, and documents: 2
Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks
Box Assignment
Washington, D.C. 20231



06/18/2002 LMUELLER 00000131 10164596

01 FC:581

40.00 DP

Assignment

Whereas, I/We, Satoshi ODAGAWA and Yasuteru KODAMA of Tsurugashima-shi, ~~of~~ Saitama-ken, Japan; Motohiko TAKAYANAGI and Motoyuki YAMASHITA of Meguro-ku, Tokyo-to, Japan hereinafter called assignor(s), have invented certain improvements in DRIVING PLAN PRODUCING DEVICE AND METHOD, AND NAVIGATION APPARATUS

and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, PIIONEER CORPORATION
No. 4-1 Meguro 1-chome, Meguro-ku,
Tokyo-to, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number _____ and Confirmation number _____, filed _____) the filing date and application number of said application when known.

Date: June 4, 2002 Satoshi Odagawa
s/
Date: June 4, 2002 Yasuteru Kodama
s/
Date: June 4, 2002 Motohiko Takayanagi
s/
Date: June 4, 2002 Motoyuki Yamashita
s/
Date: _____
s/
Date: _____
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)