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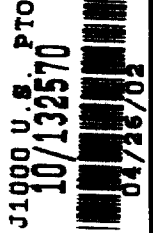
1. Name of conveying party(ies):

Kenichiro YANO  
Kiyonori MYOCHIN  
Keiichi YAMAUCHI

4-26-02

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

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



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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: April 17, 2002

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

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: April 17, 2002

A. Patent Application No.(s)

10,132,570

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. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
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*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

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April 26, 2002

Date

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

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05/01/2002 TDIAZ1 00000211 10132570

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**PATENT**  
**REEL: 012840 FRAME: 0438**

# Assignment

Whereas, I/We, Kenichiro YANO and Keiichi YAMAUCHI of Tsurugashima-shi, Saitama-ken, Japan

Kiyonori MYOCHIN of Meguro-ku, Tokyo-to, Japan

hereinafter called assignor(s), have invented certain improvements in NAVIGATION SYSTEM, SERVER SYSTEM FOR A NAVIGATION SYSTEM, AND COMPUTER-READABLE INFORMATION RECORDED MEDIUM IN WHICH DESTINATION PREDICTION PROGRAM IS RECORDED

and executed an application for Letters Patent of the United States of America therefor on April 17, 2002; and

Whereas, PIONEER CORPORATION of 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: April 17, 2002 Kenichiro Yano  
s/

Date: April 17, 2002 Kiyonori Myochin  
s/

Date: April 17, 2002 Keiichi Yamachi  
s/

Date: \_\_\_\_\_  
s/

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