

Form PTO-1595 (modified)  
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1. Name of conveying party(ies):  
Shunichi KUMAGAI  
  
4-24-03  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
PIONEER CORPORATION  
4-1, Meguro 1-chome,  
Meguro-ku,  
Tokyo, Japan  
  
Additional name(s) & address(es) attached?  Yes  No

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3. Nature of conveyance:  
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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 15, 2003  
A. Patent Application No.(s)  
Not Yet Assigned  
B. Patent No.(s)  
Not Yet Assigned  
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6. Total number of applications and patents involved:  
1  
7. Total fee (37 CFR 3.41): \$40.00  
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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.*  
  
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# ASSIGNMENT

Whereas, I/we Shunichi KUMAGAI of Saitama, Japan hereinafter called assignor(s), have invented certain improvements in **THREE-DIMENSIONAL INFORMATION DISPLAY APPARATUS** and executed an application for Letters Patent of the United States of America therefor on

April 15, 2003 ; and

Whereas, **PIONEER CORPORATION** of 4-1, Meguro 1-chome, Meguro-ku, Tokyo, 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 my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: 4.15, 2003 s/ SHUNICHI KUMAGAI \_\_\_\_\_

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

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

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

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

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