

12-22-1999



101228549

To the Hon. Commissioner of Patents &amp; Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Katsuhiro SHIBA

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other

Execution Date: December 1, 1999

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

Name:

PIONEER CORPORATION

Street Address:

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

## 4. Application number(s) or patent (numbers):

If this document is being filed together with a new application, the execution date of the application is: December 1, 1999

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:

YOUNG & THOMPSON  
Second Floor  
745 South 23rd Street  
Arlington, VA 22202

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41).....\$ 40

☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit Account No. 25-0120

(Attach duplicate copy of this page if paying by deposit account)

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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.*Mary Shelton  
Name of Person SigningDecember 7, 1999  
Date

12/20/1999 HGORDON 00000072 09454587

Total number of pages including cover sheet: 121

02 FC:581

40.00 UP

1201-2800

A S S I G N M E N T

FOR ONE DOLLAR (\$1.00) and other valuable consideration,  
the receipt and sufficiency of which is hereby acknowledged,  
I (We), Katsuhiko SHIBA

being the inventor(s) of certain improvements in

DISC CHANGER

hereby assign unto PIONEER CORPORATION

having a principal place of business at  
No. 4-1 Meguro 1-chome, Meguro-ku, Tokyo-to, Japan  
our entire right, title and interest in and to such  
invention, together with the patent rights and rights of  
protection to the same throughout the world, including any  
patent rights which may result from the application for  
United States Letters Patent in and to any and all divisions,  
reissues, continuations and extensions thereof and in and to  
any Letters Patent that may be granted thereon; said  
invention, application and Letters Patent that may be granted  
thereon; said invention, application and Letters Patent to be  
held and enjoyed by the said assignee for its own use and  
behoof and for the use and behoof of its successors and  
assigns, to the full end of the term from which said Letters  
patent or other rights of protection may be granted, as fully  
and as entirely as the same would have been held and enjoyed  
by us had this assignment and sale not been made.

WE COVENANT, AGREE AND WARRANT that we have a full and  
unencumbered title to the invention hereby assigned, and we  
further covenant and agree that we will, at any time upon  
request, without further compensation, execute and deliver  
any and all papers or instruments that in the opinion of the  
assignee may be necessary or desirable to secure said  
assignee the full enjoyment of the rights and properties  
herein conveyed or intended to be conveyed.

IN WITNESS WHEREOF, we have hereunto set out hand and  
seal this 1st day of December , 1999 .

Date: December 1, 1999

Katsuhiko Shiba

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

PATENT

RECORDED: 12/07/1999

REEL: 010445 FRAME: 0432