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Conveying Party (ies):            (Last, First, Middle Initial)                      Execution Date

First party      Name:      **YAMAGUCHI, Hidetoshi**                      **June 20, 2003**

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

Receiving Party (ies):

First party      Name:      **PIONEER CORPORATION**

Address:      **4-1, Meguro 1-chome, Meguro-ku,  
Tokyo, Japan**

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

Domestic Representative Name and Address



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## Correspondent Name and Address

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**Pages** Enter the total number of pages of the attached conveyance document: 1  
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**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes ☐ No ☒ XX

A. Patent Application No.(s)

B. Patent No.(s)

10/460,680

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: \_\_\_\_\_  
(Do not recite both application and patent numbers.)

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if  
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PCT \_\_\_\_\_  
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**Number of Properties** Enter the total number of properties involved: 1

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XX Enclosed

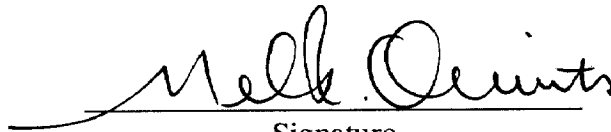
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**Statement and signature**

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.

Mel R. Quintos

Name of Person Signing



Signature

August 14, 2003

Date

31,898

Registration No.

**U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by  
**PIONEER CORPORATION 4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan**

(Insert ASSIGNEE's  
Name(s) Address(es))

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned  
 ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title  
 and interest to the invention entitled

(Title of Invention)

**REPRODUCING APPARATUS, REPRODUCING METHOD,**

**REPRODUCING PROGRAM AND**

**RECORDING MEDIUM WITH THE PROGRAM RECORDED THEREIN**

(\*If the assignment is  
being filed after the  
filing of the  
application, this  
section must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith  
 unless otherwise indicated below:

filed on June 13, 2003, Serial No. 10/460,680

(Armstrong, Westerman & Hattori, LLP is hereby authorized to insert the series code, serial  
 number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any  
 continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for  
 which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any  
 continuation, divisional, reissue or reexamination applications thereof and also to execute separate  
 assignments in connection with such applications as the ASSIGNEE may deem necessary or  
 expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference,  
 litigation, or other legal proceeding which may be declared concerning this application or any  
 continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued  
 thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing  
 evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their  
 signature(s).

(Signatures)

Hidetoshi Yamaguchi  
 (Signature)

Hidetoshi YAMAGUCHI  
 (Type Name)

June 20  
2003  
 (Date)

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