

10-15-2003

R SHEET

10-10-03



102574823

10-10-03

Commissioner for Patents, P.O. Box

Please record the attached document

<p>1. Name of conveying party(ies): <b>Pioneer Video Corporation</b></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <b>Pioneer Display Products Corporation</b></p> <p>Address: <b>No. 15-1 Nishinoya, Washizo, Fukuroi-shi, Shizuoka</b></p> <p>City: State: ZIP Code:</p> <p>Country: <b>JAPAN</b></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other:</p> <p>Execution Date: <b>August 22, 2003</b></p>	

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:

A. Patent Application No.(s):

B. Patent No.(s): 5,648,948; 5,759,332; 6,052,340

Additional numbers attached?  Yes  No

OCT 10 AM 7:51  
OPR/FINANC

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <b>Joseph V. Gamberdell</b>  Address: <b>Perman &amp; Green, LLP</b>  <b>425 Post Road</b></p> <p>City: <b>Fairfield</b></p> <p>State: <b>CT</b> ZIP Code: <b>06824</b></p>	<p>6. Total number of applications and/or patents involved: <u>3</u></p> <p>7. Total fee (37 CFR 3.41): .....\$120.00</p> <p><input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Charge deposit account  <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account</p> <p>8. Deposit account number: <u>16-1350</u></p>
---	--

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, the attached document is either an original document or a true copy of the original document.*

Name of Person Signing: Joseph V. Gamberdell Jr Signature: Joseph V. Gamberdell Jr Date: October 8, 2003

Customer No.: 2512 Total number of pages including cover sheet(s):

10/14/2003 DBYRNE 00000090 5648948  
01 FC:8021 120.00 OP

### Assignment of United States Patent

U.S. Patent No. 5,648,948  
Issue Date: 7/15/97  
Application Serial No. 953,972  
Filing Date: 9/30/92

Title: APPARATUS FOR RECORDING AND REPRODUCING A FREQUENCY BANDWIDTH CODED DIGITAL AUDIO SIGNAL

Pioneer Electronic Corporation, a Japanese company, and Pioneer Video Corporation, a Japanese Company are the joint owners of 100% of the ownership interest in the above-identified United States Patent and;

Pioneer Video Corporation (hereinafter referred to as "Assignor"), wishes to transfer all of its right, title and interest in the Patent to Pioneer Display Products Corporation, a Japanese company having an address of No. 15-1 Nishinoya, Washizu, Fukuroi-shi, Shizuoka, Japan, as successor in interest (hereinafter referred to as "Assignee"), whereby Pioneer Display Products Corporation and Pioneer Electronic Corporation will thereafter be and remain the joint owners of 100% of the Patent;

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, conveys and assigns to Assignee, its successors and assigns, all of Assignor's right, title and interest in and to the Patent, as well as the inventions disclosed therein, and all continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, the said interest conveyed herein being Assignor's entire ownership interest in said Patent, invention and applications, to be held and enjoyed by Assignee, its successors and assigns, to the full end of the term of said Patent, as fully and entirely as said interest would have been held and enjoyed by Assignor, had this assignment and sale not been made.

Takeo Tanabe  
Signature of authorized signatory of  
Pioneer Video Corporation

Aug. 22, 2003  
Date

Takeo TANABE

Printed Name

President

Title

### Assignment of United States Patent

U.S. Patent No. 6,052,340  
Issue Date: 4/18/00  
Application Serial No. 08/859,539  
Filing Date: 5/20/97

Title: TURNTABLE FOR OPTICAL MOTHER DISC RECORDING APPARATUS

Pioneer Electronic Corporation, a Japanese company, and Pioneer Video Corporation, a Japanese Company are the joint owners of 100% of the ownership interest in the above-identified United States Patent and;

Pioneer Video Corporation (hereinafter referred to as "Assignor"), wishes to transfer all of its right, title and interest in the Patent to Pioneer Display Products Corporation, a Japanese company having an address of No. 15-1 Nishinoya, Washizu, Fukuroi-shi, Shizuoka, Japan, as successor in interest (hereinafter referred to as "Assignee"), whereby Pioneer Display Products Corporation and Pioneer Electronic Corporation will thereafter be and remain the joint owners of 100% of the Patent;

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, conveys and assigns to Assignee, its successors and assigns, all of Assignor's right, title and interest in and to the Patent, as well as the inventions disclosed therein, and all continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, the said interest conveyed herein being Assignor's entire ownership interest in said Patent, invention and applications, to be held and enjoyed by Assignee, its successors and assigns, to the full end of the of the term of said Patent, as fully and entirely as said interest would have been held and enjoyed by Assignor, had this assignment and sale not been made.

*Takeo Tanabe*

\_\_\_\_\_  
Signature of authorized signatory of  
Pioneer Video Corporation

*Aug, 22, 2003*  
Date

Takeo TANABE

\_\_\_\_\_  
Printed Name

President

\_\_\_\_\_  
Title

### Assignment of United States Patent

U.S. Patent No. 5,759,332  
Issue Date: 6/2/98  
Application Serial No. 651,841  
Filing Date: 5/21/96

Title: PROCESS OF REPRODUCING OPTICAL DISCS AND OPTICAL DISCS PRODUCED BY THE SAME

Pioneer Electronic Corporation, a Japanese company, and Pioneer Video Corporation, a Japanese Company are the joint owners of 100% of the ownership interest in the above-identified United States Patent and;

Pioneer Video Corporation (hereinafter referred to as "Assignor"), wishes to transfer all of its right, title and interest in the Patent to Pioneer Display Products Corporation, a Japanese company having an address of No. 15-1 Nishinoya, Washizu, Fukuroi-shi, Shizuoka, Japan, as successor in interest (hereinafter referred to as "Assignee"), whereby Pioneer Display Products Corporation and Pioneer Electronic Corporation will thereafter be and remain the joint owners of 100% of the Patent;

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, conveys and assigns to Assignee, its successors and assigns, all of Assignor's right, title and interest in and to the Patent, as well as the inventions disclosed therein, and all continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, the said interest conveyed herein being Assignor's entire ownership interest in said Patent, invention and applications, to be held and enjoyed by Assignee, its successors and assigns, to the full end of the of the term of said Patent, as fully and entirely as said interest would have been held and enjoyed by Assignor, had this assignment and sale not been made.

*Takeo Tanabe*

\_\_\_\_\_  
Signature of authorized signatory of  
Pioneer Video Corporation

*Aug, 22, 2003*  
Date

Takeo TANABE

\_\_\_\_\_  
Printed Name

President

\_\_\_\_\_  
Title