**PATENT ASSIGNMENT**

Electronic Version v1.1
Stylesheet Version v1.1

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<th>SUBMISSION TYPE:</th>
<th>CORRECTIVE ASSIGNMENT</th>
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<td>Corrective Assignment to correct the recordation cover sheet to not list Pioneer Electronic Corporation as an assignor previously recorded on Reel 014634 Frame 0696. Assignor(s) hereby confirms the rights held by Pioneer Electronic Corporation to remain with Pioneer Electronic Corporation.</td>
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**CONVEYING PARTY DATA**

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<th>Execution Date</th>
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<td>Pioneer Video Corporation</td>
<td>04/01/2003</td>
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**RECEIVING PARTY DATA**

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<tr>
<th>Name:</th>
<th>Pioneer Display Products Corporation</th>
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<tr>
<td>Street Address:</td>
<td>15-1 Aza Nishinotani, Washizu, Fukuroi-shi</td>
</tr>
<tr>
<td>City:</td>
<td>Shizuoka</td>
</tr>
<tr>
<td>State/Country:</td>
<td>JAPAN</td>
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**PROPERTY NUMBERS** Total: 5

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<td>Patent Number:</td>
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<td>Patent Number:</td>
<td>5592463</td>
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<td>Patent Number:</td>
<td>5787224</td>
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<td>Patent Number:</td>
<td>6731575</td>
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**CORRESPONDENCE DATA**

- Fax Number: (212)916-2940
- Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
- Phone: 212-297-5826
- Email: rebrown@pitneyhardin.com
- Correspondent Name: Ronald E. Brown
- Address Line 1: 7 Times Square
- Address Line 2: Pitney Hardin LLP
- Address Line 4: New York, NEW YORK 10036-7311

**NAME OF SUBMITTER:** Ronald E. Brown
**RECORDATION FORM COVER SHEET**

**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. **Name of conveying party(ies)**
   - Pioneer Video Corporation

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

2. **Name and address of receiving party(ies)**
   - Name: Pioneer Display Products Corporation
   - Internal Address:
   - Street Address: 15-1 Aza Nishinotani
   - Washizu, Fukuroi-shi, Shizuoka
   - City: 
   - State: 
   - Country: Japan Zip:

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

3. **Nature of conveyance/Execution Date(s):**
   - Execution Date(s): April 1, 2003
   - ☐ Assignment ☐ Merger
   - ☐ Security Agreement ☐ Change of Name
   - ☐ Joint Research Agreement
   - ☐ Government Interest Assignment
   - ☐ Corrected Assignment to correct Assignor's name, previously recorded on
   - Other October 29, 2003

4. **Application or patent number(s):**
   - ☐ This document is being filed together with a new application.
   - A. Patent Application No.(s)
   - B. Patent No.(s)
   - 5,926,453, 6,731,575
   - 5,901,123
   - 5,592,463
   - 5,787,224

   Additional numbers attached? ☐ Yes ✔ No

5. **Name and address to whom correspondence concerning document should be mailed:**
   - Name: Gerald Levy
   - Internal Address: Pitney Hardin LLP
   - Street Address: 7 Times Square
   - City: New York
   - State: New York Zip: 10036-7311

6. **Total number of applications and patents involved:** 5

7. **Total fee (37 CFR 1.21(h) & 3.41)** $200.00
   - ☐ Authorized to be charged by credit card
   - ✔ Authorized to be charged to deposit account
   - ☐ Enclosed
   - ☐ None required (government interest not affecting title)

8. **Payment Information**
   - a. Credit Card Last 4 Numbers  
     Expiration Date
   - b. Deposit Account Number 50-1145

   Authorized User Name Order No. 099998.00010

9. **Signature:**
   - Ronald E. Brown
   - Signature
   - Name of Person Signing
   - September 2, 2005
   - Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (703) 396-5985, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

**PATENT**

**REEL: 016489 FRAME: 0086**
CONFIRMATORY ASSIGNMENT

PIONEER VIDEO CORPORATION, being an owner along with PIONEER ELECTRONIC CORPORATION, by assignment recorded at the below referenced reel and frame numbers, of the following United States Patents and Application Numbers:

<table>
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<tr>
<th>Title</th>
<th>Patent Number or Application No.</th>
<th>Issue Date or Filing Date</th>
<th>Reel</th>
<th>Frame(s)</th>
<th>Attny. Docket</th>
<th>Client Ref.</th>
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<tr>
<td>Optical Disk Having First and Second Recording Areas With Wobble Frequencies That Do Not Interfere With EFM Signal</td>
<td>5,926,453</td>
<td>July 20, 1999</td>
<td>7138</td>
<td>0689 0691</td>
<td>3577-147</td>
<td>P01-1883</td>
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<td>Apparatus For and Method For Determining optimum Power For Recording Information on Recordable Optical Disc</td>
<td>5,592,463</td>
<td>January 7, 1997</td>
<td>7134</td>
<td>0804 0820</td>
<td>3577-148</td>
<td>P01-1891</td>
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<td>Device For and Method of Editing Information</td>
<td>5,787,224</td>
<td>July 28, 1998</td>
<td>7997</td>
<td>0953</td>
<td>3577-172</td>
<td>P01-2180</td>
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<td>Method and Apparatus For Recording Information, Including Control Information, Onto an Information Record Medium</td>
<td>5,901,123</td>
<td>May 4, 1999</td>
<td>8731</td>
<td>0443</td>
<td>3577-176</td>
<td>P01-2363</td>
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DOES HEREBY confirm the assignment of their right, title and interest in and to each of the above referenced United States Patent Numbers and Application Numbers to PIONEER DISPLAY PRODUCTS CORPORATION, a corporation organized and existing under the laws of Japan, with the rights held by PIONEER ELECTRONIC CORPORATION to remain with PIONEER ELECTRONIC CORPORATION.

Dated: April 1, 2003

By: 

(Signature)

Name: Takeo TANABE

(Print Name)

Title: Representative Director and President