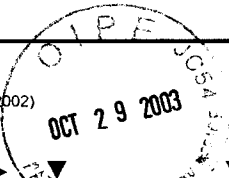


11-03-2003



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Tab settings

To the Director of the United States Patent and Trademark Office, please return the attached original documents or copy thereof.

1. Name of conveying party(ies):
Pioneer Video Corporation
Pioneer Electronic Corporation

Additional names(s) of conveying party(ies) Yes No

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

Name: **Pioneer Display Products Corporation**

Address: **15-1 Aza Nishinotani**

Washizu, Fukuroi-shi, Shizuoka, Japan

City: _____ State/Prov.: _____

Country: _____ ZIP: _____

Additional name(s) & address(es) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: **April 1, 2003**

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

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

Patent Application No. Filing date

B. Patent No.(s)

10/178,649

5,926,453
5,901,123
5,592,463
5,787,224

Additional numbers Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Gerald Levy**

Registration No. **32,200**

Address: **PITNEY HARDIN KIPP & SZUCH LLP**

685 Third Avenue

City: **New York** State/Prov.: **NY**

Country: **US** ZIP: **10017-4024**

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

7. Total fee (37 CFR 3.41):.....\$ **200.00**

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
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8. Deposit account number:

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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.

Ronald E. Brown

Name of Person Signing

Signature

October 27, 2003

Date

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Total number of pages including cover sheet, attachments, and

2

PIONEER ELECTRONIC CORPORATION
10/29/2003
014634
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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:

Title	Patent Number or Application No.	Issue Date or Filing Date	Reel	Frame(s)	Attny. Docket	Client Ref.
Optical Disk Having First and Second Recording Areas With Wobble Frequencies That Do Not Interfere With EFM Signal	5,926,453	July 20, 1999	7138	0689 0691	3577-147	P01-1883
Apparatus For and Method For Determining Optimum Power For Recording Information on Recordable Optical Disc	5,592,463	January 7, 1997	7134	0804 0820	3577-148	P01-1891
Device For and Method of Editing Information	5,787,224	July 28, 1998	7997	0953	3577-172	P01-2180
Method and Apparatus For Recording Information, Including Control Information, Onto an Information Record Medium	5,901,123	May 4, 1999	8731	0443	3577-176	P01-2363
Control Information Recording Method and Apparatus, Information Recording Method and Apparatus, and Information Record Medium	10/178,649	June 24, 2002	8731	0443	3577-176 Cont.	P01-5668

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: *Takeo Tanabe*
(Signature)

Name: Takeo TANABE
(Print Name)

Title: Representative Director and President