

**Mail Stop Assignment
Recordation Services**
Attorney Docket No. 8048-1157

Form PTO-1575

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. Department of Commerce
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of Conveying Party(ies): Kazuo KURODA Toshiro TANIKAWA Eiji MURAMATSU</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) Name: PIONEER CORPORATION Address: 4-1, Meguro 1-chome Meguro-ku Tokyo 153-8654 Japan</p>
--	--

<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____ Execution Date: May 29, 2006</p>	<p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
--	---

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

This document is being filed with a new application, the execution date of the application is:

A. Patent Application No(s).
10/577,226

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Customer No.: 00466 YOUNG & THOMPSON Second Floor 745 South 23rd Street Arlington, VA 22202 Phone: 703-521-2297 Fax: 703-685-0573</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41).....\$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit Account No. 25-0120</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 any attached copy is a true copy of the original document.

Eric Jensen

Name of Person Signing

Signature

June 27, 2006

Date

Total number of pages including cover sheet, attachments, and documents: **2**

Certificate of Transmission

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on June 27, 2006.

Timothy M. Price

CH \$40.00 250120 10577226

700272372

PATENT
REEL: 017856 FRAME: 0898

Deed of Assignment (Before Patent)

5704514501/04076845

ASSIGNMENT

WHEREAS, Kazuo KURODA, Toshiro TANIKAWA and Eiji MURAMATSU

of Saitama, Japan

(hereinafter "Assignors")

have invented certain new and useful improvements in INFORMATION RECORDING APPARATUS
AND COMPUTER PROGRAMfor which we have made application for Letters
(I/we have made—or am/are about to make)

Patent of the United States of America;

AND WHEREAS, PIONEER CORPORATION of 4-1, Meguro 1-chome,

Meguro-ku, Tokyo 153-8654 Japan

(hereinafter "Assignees")

desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the
United States;NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of
Ten and 00/100

Dollars (\$10.00)

Assignors

to in hand paid, the receipt of which is hereby acknowledged Assignors

have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said

Assignees

* full and exclusive

right, title, and interest in and to the said invention,
as fully set forth and described in the:Delete
inapplicable
wording(a) specification prepared and executed by on the 29th day of May, 2006

(b) application filed on the day of 19, Serial No.

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be
held and enjoyed by the said Assignees

for their own use and behoof, and for their legal representatives, to the full end of the term

for which said Letters Patent are granted, as fully and entirely as the same would have been held by

Assignors had this assignment and sale not been made.

IN TESTIMONY WHEREOF, we hereunto set our hand S and affix our seal S at
Tokyo, Japan this 29th day of May, A.D. 2006

Kazuo Kuroda

(Inventor's full Signature) Kazuo KURODA

Eiji Muramatsu

Eiji MURAMATSU

Toshiro Tanikawa

(Inventor's full Signature) Toshiro TANIKAWA

* State whether the full and exclusive right, or what part of the whole interest is assigned.

PATENT

RECORDED: 06/27/2006

REEL: 017856 FRAME: 0899