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

<p>1. Name of Conveying Party(ies): Masayoshi YOSHIDA Masahiro KATO Tsuyoshi HASEBE Takeshi KODA Keiji KATATA</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: December 20, 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:


<p>A. Patent Application No(s). 11/597,187</p>	<p>B. Patent No(s). _____</p>
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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: 1</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>
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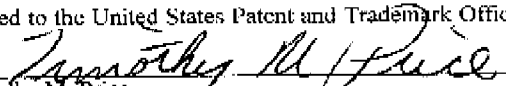
9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

<p>Benoit Castel Name of Person Signing</p>	 Signature	<p>January 19, 2007 Date</p>
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Total number of pages including cover sheet, attachments, and documents: **2**

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Timothy M. Price

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Deed of Assignment (Before Patent)

ASSIGNMENT

WHEREAS, Masayoshi YOSHIDA, Masahiro KATO, Tsuyoshi HASEBE, Takeshi KODA
and Keiji KATATA of Saitama Japan

(hereinafter "Assignors")

have invented certain new and useful improvements in RECORDING APPARATUS,
RECORDING METHOD, AND COMPUTER PROGRAM

for which we have made application for Letters
(If 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 "Assignee")

desires 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 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

Assignee

full and exclusive

right, title, and interest in and to the said invention,

as fully set forth and described in the:

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Inapplicable
wording

(a) specification prepared and executed by _____ on the 20th day of December, 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 Assignee

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 20th day of December, A.D. 2006

Masayoshi Yoshida
(Inventor's full Signature) Masayoshi YOSHIDA

Masahiro Kato
(Inventor's full Signature) Masahiro KATO

Tsuyoshi Hasebe
Tsuyoshi HASEBE

Takeshi Koda
Takeshi KODA

Keiji Katata
Keiji KATATA

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