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

1. Name of Conveying Party(ies):  
**Yoshio SASAKI**  
**Hiroyuki UCHINO**  
**Kunihiko HORIKAWA**

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

2. Name and address of receiving party(ies)  
Name: **PIONEER CORPORATION**  
Address: **4-1, Meguro 1-chome**  
**Meguro-ku, Tokyo 153-8654**  
**JAPAN**

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other: \_\_\_\_\_  
Execution Date: **October 17, 2006**

Additional name(s) and address(es) attached?  
 Yes  No

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).  
**10/594,795**

B. Patent No(s). \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
**Customer No.: 00466**  
**YOUNG & THOMPSON**  
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**745 South 23<sup>rd</sup> Street**  
**Arlington, VA 22202**  
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6. Total number of applications and patents involved:  
1

7. Total fee (37 CFR 3.41)..... **\$40.00**  
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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.*

Benoit Castel *Benoit Castel* November 28, 2006  
Name of Person Signing Signature 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 November 28, 2006.

Timothy M. Price  
Timothy M. Price

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Deed of Assignment (Before Patent)

ASSIGNMENT

WHEREAS, Yoshio SASAKI, Hiroyuki UCHINO and Kunihiko HORIKAWA of Saitama, Japan (hereinafter "Assignors")

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

for which we have made application for Letters 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") 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 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:

Delete inapplicable wording

(a) specification prepared and executed by on the 17th day of October, 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 17th day of October, A.D. 2006

Yoshio Sasaki (Inventor's full Signature) Yoshio SASAKI

Hiroyuki Uchino (Inventor's full Signature) Hiroyuki UCHINO

Kunihiko Horikawa Kunihiko HORIKAWA

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