

03-23-2006

Attorney Docket No. 8048-1135-1

EET

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To the Honorable Commissioner of Patents and Trademarks

attached original documents or copy thereof.

1. Name of Conveying Party(ies):

Nobuyuki TAKAKUWA
Yasuko FUKUDA
Takao SAWABE
Tohru KANEGAE
Masanori NAKAHARA

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

112948 U.S. PTO
11/377315

031706

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date: **December 23, 2005**

Additional name(s) and address(es) attached?

☐ Yes ☒ No

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

☒ This document is being filed together with a new application

A. Patent Application No(s).

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****Second Floor****745 South 23rd Street****Arlington, VA 22202****Phone: 703-521-2297****Fax: 703-685-0573**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41) **\$40.00**☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit Account No. **25-0120**

(Attach duplicate copy of this page if paying by deposit account)

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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.

Benoît Castel

Name of Person Signing

Signature

March 17, 2006

Date

Total number of pages including cover sheet, attachments, and documents: **3**

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PATENT
REEL: 017694 FRAME: 0231

RECORDATION FORM COVER SHEET
Additional conveying and receiving parties

Continuation of Box 1--Name of conveying party(ies):

Takeshi KODA

Continuation of Box 2--Name and address of receiving party(ies):

Name:

Address:

Name:

Address:

Continuation of Box 4--Application number(s) or patent number(s):

ASSIGNMENT

WHEREAS, Nobuyuki TAKAKUWA, Yasuko FUKUDA, Takao SAWABE,
Tohru KANEGAE, Masanori NAKAHARA and Takeshi KODA of Saitama, Japan

ha invented certain new and useful improvements in INFORMATION RECORDING MEDIUM,
INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD,
INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, COMPUTER PROGRAM FOR RECORDING OR
REPRODUCTION CONTROL, AND DATA STRUCTURE INCLUDING CONTROL SIGNAL

for which 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

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
Dollars (\$_____)

to in hand paid, the receipt of which is hereby acknowledged
have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said

* right, title, and interest in and to the said invention,
as fully set forth and described in the:

Delete (a) specification prepared and executed by on the 23rd day of December, 2005
 inapplicable (b) application filed on the day of, 19 , Serial No.
 wording

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be
 held and enjoyed by the said
for own use and behoof, and for 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
had this assignment and sale not been made.

IN TESTIMONY WHEREOF, hereunto set hand and affix seal at
this 23rd day of December 2005
A.D. 2005

Nobuyuki Takakuwa
 (Inventor's full Signature) Nobuyuki TAKAKUWA
Takao Sawabe
 Takao SAWABE
Masanori Nakahara
 Masanori NAKAHARA

Yasuko Fukuda
 (Inventor's full Signature) Yasuko FUKUDA
Tohru Kanegae
 Tohru KANEGAE
Takeshi Koda
 Takeshi KODA

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