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PATENTS ONLY					
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of Conveying Party(ies): Nobuyuki TAKAKUWA Takeshi KODA Tohru KANEGAE Masanori NAKAHARA Takao SAWABE Yasuko FUKUDA Akira IMAMURA Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: PIONEER CORPORATION Address: 4-1, Meguro 1-chome Meguro-ku, Tokyo 153-8654 Japan Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
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: August 24, 2004					
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). 10/504,817 B. Patent No(s). _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Customer No.: 00466 YOUNG & THOMPSON Second Floor 745 South 23 rd 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 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account No. 25-0120 (Attach duplicate copy of this page if paying by deposit account)		
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9. Statement and signature. <i>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.</i> Benoît Castel Name of Person Signing Signature March 7, 2005 Date Total number of pages including cover sheet, attachments, and documents: 2					

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I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on March 7, 2005.

Patrick Feagans
Patrick Feagans

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Deed of Assignment (Before Patent)

ASSIGNMENT

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

have invented certain new and useful improvements in INFORMATION RECORDING MEDIUM,
INFORMATION RECORDING AND/OR REPRODUCING APPARATUS AND METHOD, COMPUTER
PROGRAM FOR CONTROLLING RECORD OR REPRODUCTION, 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:

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inapplicable
wording

(a) specification prepared and executed by _____ on the 24th day of 8, 1994

(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 _____

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 24th day of 8, A.D. 1994

Nobuyuki Takakuwa

(Inventor's full Signature) Nobuyuki TAKAKUWA

Tohru Kanegae

Tohru KANEGAE

Takao Sawabe

Takao SAWABE

Akira Imamura

Akira IMAMURA

Takeshi Koda

(Inventor's full Signature) Takeshi KODA

Masanori Nakahara

Masanori NAKAHARA

Yasuko Fukuda

Yasuko FUKUDA

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

PATENT

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