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Attorney Docket No. 8048-1123

Form PTO-1595

03-21-2006



SHEET

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

Rec'd PCT/PTO 24 AUG 2005

103201724

To the Honorable Commissioner of Patents and Trademarks

the attached original documents or copy thereof.

1. Name of Conveying Party(ies):

Atsushi YAMAGUCHI
Masahiro KATO
Eiji MURAMATSU
Shoji TANIGUCHI

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) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

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

Execution Date: July 29, 2005

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

☐ Yes ☒ No

10/546719

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

This document is being filed with a new application, the execution date of the application is: July 29, 2005, July 28, 2005, July 29, 2005 and July 29, 2005, respectively

A. Patent Application No(s).

B. Patent No(s).

08/31/2005 ATRAN1 00000144 10546719

04 FC:8021

40.00 DP

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Customer No.: 00466

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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 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.

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

Name of Person Signing

Benoit Castel
Signature

August 24, 2005

Date

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

Y&T August 24, 2005

PATENT
REEL: 017685 FRAME: 0505

ASSIGNMENT

WHEREAS, Atsushi YAMAGUCHI, Masahiko KATO, Eiji MURAMATSU and
Shoji TANIGUCHI of Saitama, Japan

ha invented certain new and useful improvements in INFORMATION RECORDING APPARATUS
AND INFORMATION RECORDING METHOD

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:

(a) specification prepared and executed by _____ on the 29th day of July, 2005,

(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 29th day of July, A.D. 2005

Atsushi Yamaguchi

(Inventor's full Signature) Atsushi YAMAGUCHI

Eiji Muramatsu

EIJI MURAMATSU

Masahiko Kato

(Inventor's full Signature) Masahiko KATO

Shoji Taniguchi

SHOJI TANIGUCHI

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

PATENT

RECORDED: 08/24/2005

REEL: 017685 FRAME: 0506