



09-11-2003

FORM PTO-1595
(Rev. 6-93)

RECOR

102547185

PATENTS ONLY

ENT OF COMMERCE
and Trademark Office

Attorney Docket No.: 054791-5016

To the Commissioner for Patents

Please record the attached original documents or copy thereof.

ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES

1. Name of conveying party(ies):

Yasuhisa OKAMOTO

Takashi SASAKI

Shinichi NAOHARA

Kazunori MATSUO

Masao YOSHIDA

Yasuhiro SHINKAI

Kenji NAKAMURA

Shigeru KOJIMA

Kenji UCHIYAMA

Additional names of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: PIONEER CORPORATION

Street Address: 4-1, Meguro 1-chome, Meguro-ku, Tokyo,
Japan

3. Nature of conveyance:

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

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

☐ Yes ☒ NoExecution Date: June 26, 2003, July 1, 2003, July 1,
2003, July 1, 2003, July 1, 2003, July 1, 2003, July 2,
2003, July 2, 2003 and July 15, 20034. New Application number(s) or patent number(s): 10/459,703

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: **John G. Smith**Internal Address: **Morgan, Lewis & Bockius LLP**
Customer No. 09629Street Address: **1111 Pennsylvania Avenue, N.W.**City: **Washington** State: **D.C.** Zip: **20004**6. Total number of applications and patents involved: **1**7. Total fee (37 C.F.R. §3.41): \$40.00☐ Enclosed☒ Authorized to be charged to Deposit Account 50-0310

8. Deposit Account No. 50-0310

(Attach duplicate page if paying by deposit account)

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.

John G. Smith, Reg. No. 33,818

Name of Person Signing

Signature

September 5, 2003

Date

Total number of pages including cover sheet, attachments and documents: **4**

09/10/2003 BYRNE 00000128 500310 10459703

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1-WA/2037398.1PATENT
REEL: 014463 FRAME: 0976

ATTORNEY DOCKET NO.:

SOLE/JOINT INVENTION
(U.S. Rights Only)**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:
INFORMATION REPRODUCING APPARATUS AND METHOD, AND DRIVE CONTROL SYSTEM

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on _____, (Application No. _____); and

WHEREAS, PIONEER CORPORATION, a corporation of Japan,
Meguro-ku, Tokyo, Japan, whose post office address is 4-1, Meguro 1-chome,

_____ (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 10/459,703,
filed June 12, 2003) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Yasuhisa OKAMOTO	Assignor's Signature YASUHISA OKAMOTO	Date JUNE 26, 2003
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan		Citizenship Japanese
Full Name of Second Assignor Takashi SASAKI	Assignor's Signature Takashi Sasaki	Date July 1, 2003
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan.		Citizenship Japanese
Names of additional inventors attached [X] Yes [] No		

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ATTORNEY DOCKET NO.:

ASSIGNMENT
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Full Name of Third Assignor Shinichi NAOHARA	Assignor's Signature <i>Shinichi Naohara</i>	Date July 1, 2003
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan		Citizenship Japanese
Full Name of Fourth Assignor Kazunori MATSUO	Assignor's Signature <i>Kazunori Matsuo</i>	Date July 1, 2003
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan.		Citizenship Japanese
Full Name of Fifth Assignor Masao YOSHIDA	Assignor's Signature <i>Masao Yoshida</i>	Date July 1, 2003
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan		Citizenship Japanese
Full Name of Sixth Assignor Yasuhiro SHINKAI	Assignor's Signature <i>Yasuhiro Shinkai</i>	Date July 1, 2003
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan		Citizenship Japanese
Full Name of Seventh Assignor Kenji NAKAMURA	Assignor's Signature <i>Kenji Nakamura</i>	Date July 2, 2003
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan		Citizenship Japanese
Full Name of Eighth Assignor Shigeru KOJIMA	Assignor's Signature <i>Shigeru Kojima</i>	Date July 2, 2003
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan		Citizenship Japanese
Names of additional inventors attached [X] Yes [] No		

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PATENT
REEL: 014463 FRAME: 0978

ATTORNEY DOCKET NO.:

ASSIGNMENT
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Full Name of ^{ninth} Third Assignor Kenji UCHIYAMA	Assignor's Signature X <i>Kenji Uchiyama</i>	Date July, 15, 2003
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan		Citizenship Japanese
Full Name of Fourth Assignor	Assignor's Signature	Date
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan.		Citizenship Japanese
Full Name of Fifth Assignor	Assignor's Signature	Date
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan		Citizenship Japanese
Full Name of Sixth Assignor	Assignor's Signature	Date
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan		Citizenship Japanese
Full Name of Seventh Assignor	Assignor's Signature	Date
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan		Citizenship Japanese
Full Name of Eighth Assignor	Assignor's Signature	Date
Address c/o Pioneer Corporation, Kawagoe Works. 25-1, Aza-Nishicho, Yamada, Kawagoe-shi, Saitama, Japan		Citizenship Japanese
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

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