

05-14-2004

FORM PTO-1595  
(Rev. 6-93)

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeRECORDATION FORM COVER SHEET  
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Attorney Docket No.: 041465-5226

16018 U.S. PTO  
10/840479

050704

5-7-04

To the Commissioner for Patents

ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES

Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

- (1) Katsuhiro KOIKE  
(2) Koichi MARUYAMA  
(3) Shuichi TAKEUCHI

Additional names of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: (1) PIONEER CORPORATION  
(2) PENTAX CORPORATION

Street Address: (1) No. 4-1 Meguro 1-chome, Meguro-ku,  
Tokyo-to, Japan(2) 36-9, Maenochi 2-chome, Itabashi-ku,  
Tokyo, Japan

## 3. Nature of conveyance:

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

Execution Date: (1) April 20, 2004 (2)-(3) April 22,  
2004

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

☐ Yes ☒ No

## 4. New Application number(s) or patent number(s): NEW APPLICATION

10840479

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

(1) April 20, 2004, (2)-(3) April 22, 2004

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 Ave., 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

May 7, 2004

Date

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

05/13/2004 ECDP 00000034 500310 10840479

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Revised 10/1/03

PATENT  
REEL: 015316 FRAME: 0959

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:

OPTICAL PICKUP, OPTICAL ELEMENT, AND INFORMATION REPRODUCING APPARATUS  
for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on \_\_\_\_\_, (Serial No. \_\_\_\_\_); and

WHEREAS, PIONEER CORPORATION, a corporation of Japan, whose post office address is No.4-1 Meguro 1-chome, Meguro-ku, Tokyo-to, Japan, (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 issue upon this application

WHEREAS, PENTAX Corporation, a corporation of Japan, whose post office address is 36-9, Maenochi 2-chome, Itabashi-ku, Tokyo, Japan, (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 issue 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 parenthesis (Application No. \_\_\_\_\_, filed May 7, 2004 ) 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 Katsuhiro KOIKE	Assignor's Signature <i>Katsuhiro Koike</i>	Date April 20, 2004 <del>March 4, 2004</del>
Address c/o Pioneer Corporation, Sougou Kenkyusho. No. 6-1-1 Fujimi, Tsurugashima-shi, Saitama-ken, Japan		Citizenship Japanese
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

<b>Full Name of Second Assignor</b> Koichi MARUYAMA	<b>Assignor's Signature</b> <i>Koichi Maruyama</i>	<b>Date</b> April 22, 2004
Address c/o Pentax Corporation 36-9, Maenochō 2-chome, Itabashi-ku, Tokyo, Japan		<b>Citizenship</b> Japanese
<b>Full Name of Third Assignor</b> Shuichi TAKEUCHI	<b>Assignor's Signature</b> <i>Shuichi Takeuchi</i>	<b>Date</b> April 22, 2004
Address c/o Pentax Corporation 36-9, Maenochō 2-chome, Itabashi-ku, Tokyo, Japan		<b>Citizenship</b> Japanese
<b>Full Name of Fourth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
Address		<b>Citizenship</b>
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		