

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
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### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**  
KENICHIRO IMAI (11/27/2006), KATSUHIKO  
WATANABE (11/30/2006), KOU KOBAYASHI  
(11/27/2006), AND TETSUO MORIMOTO  
(11/27/2006)

Execution Date(s): in parentheses after inventor name  
Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of Conveyance:**  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**  
Name: SONY CORPORATION  
Internal Address: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
1-7-1 Konan, Minato-ku  
Tokyo  
108-0075  
JAPAN  
City: \_\_\_\_\_  
State: \_\_\_\_\_  
Country: \_\_\_\_\_ Zip: \_\_\_\_\_  
Additional name(s) & address(es) attached:  Yes  No

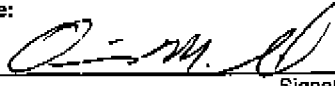
**4. Application or patent number(s):**  
A. Patent Application No.(s)  
11/635,453  
Additional numbers attached?  Yes  No

This document is being filed together with a new application.  
B. Patent No.(s)  
 Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Dennis M. Smid, Esq.  
LERNER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK, LLP  
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**6. Total number of applications and patents involved:**   
**7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 12-1095  
Authorized User Name Dennis M. Smid, Esq.

**9. Signature:**  
 September 23, 2008  
Signature Date  
Dennis M. Smid, Esq. - 34,930 Total number of pages including cover sheet, attachments, and documents:   
Name of Person Signing

CH \$40.00 11635453

S06P1659US00  
Docket Number: SONYJP 3.0-1294

## ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in DISK DRIVE APPARATUS AND IMAGING APPARATUS

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said inventor, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 11/635,453, Filing Date: December 6, 2006

This assignment executed on the dates indicated below.

<u>Kenichiro IMAI</u>	
Name of first or sole inventor	Execution date of U.S. Patent Application
<u>Kanagawa, Japan</u>	
Residence of first or sole inventor	
<u>Kenichiro Imai</u>	<u>November 27, 2006</u>
Signature of first or sole inventor	Date of this assignment

PATENT  
REEL: 021575 FRAME: 0748

S06P1659US00

Katsuhiko WATANABE  
 Name of second inventor Execution date of U.S. Patent Application

Saitama, Japan  
 Residence of second inventor

Katsuhiko Watanabe November 30, 2006  
 Signature of second inventor Date of this assignment

Kou KOBAYASHI  
 Name of third inventor Execution date of U.S. Patent Application

Tokyo, Japan  
 Residence of third inventor

Kou Kobayashi November 27, 2006  
 Signature of third inventor Date of this assignment

Tetsuo MORIMOTO  
 Name of fourth inventor Execution date of U.S. Patent Application

Kanagawa, Japan  
 Residence of fourth inventor

Tetsuo Morimoto November 27, 2006  
 Signature of fourth inventor Date of this assignment

Name of fifth inventor Execution date of U.S. Patent Application

Residence of fifth inventor

Signature of fifth inventor Date of this assignment