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DEPARTMENT OF COMMERCE Patent and Trademark Office

FINANCE SECTION

To the Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Kiyoshi OMORI, Masayasu ITO, Aki YOGUCHI**

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: **January 17, January 6 and January 6, 2005, respectively**

2. Name and address of receiving party(ies)  
 Name: **Sony Corporation**  
 Internal Address:  
 Street Address: **7-35, Kitashinagawa 6-Chome**  
**Shinagawa-ku, Tokyo, Japan**

Additional name(s) & addresses(es) attached?  Yes  No

2-23-05

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

If this document is being filed together with a new application, the execution date of the application is  
 A. Patent Application No.(s) **10/959,950**  
 B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence Concerning document should be mailed:  
 Name: **Randy J. Pritzker**  
 Address: **Wolf, Greenfield & Sacks, P.C.**  
**600 Atlantic Avenue**  
**Boston, MA 02210-2206**

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

The Commissioner is authorized to charge any deficiencies in the enclosed payment to:

8. Deposit Account No: **23/2825**

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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.*

Randy J. Pritzker	<i>Randy J. Pritzker</i>	2-23-05
Name of Person Signing	Signature	Date

Total number of pages including cover sheet, attachments, and document: **[ 6 ]**

Mail documents to be recorded with required cover sheet information to:

03/02/2005 ECOOPER 00000029 10959950

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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

Page 2

1. Name of conveying party(ies): **CONTINUED**

**Kouji SHINOHARA  
Akio ISHIWATA  
Masaki NAGATSUKA  
Toshikazu KOBAYASHI  
Satoshi MIMURA  
Satoshi MUTO  
Toshisada TAKADA**

Execution Date:  
**January 25, 2005  
January 28, 2005  
February 2, 2005  
January 5, 2005  
January 6, 2005  
January 28, 2005  
January 5, 2005**

S1459.70116US00

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, we, the undersigned, Kiyoshi OMORI, Tokyo, Japan; Masayasu ITO, Chiba, Japan; Aki YOGUCHI, Tokyo, Japan; Kouji SHINOHARA, Chiba, Japan; Akio ISHIWATA, Chiba, Japan; Masaki NAGATSUKA, Chiba, Japan; Toshikazu KOBAYASHI, Tokyo, Japan; Satoshi MIMURA, Kanagawa, Japan; Satoshi MUTO, Chiba, Japan; and Toshisada TAKADA, Chiba, Japan; hereby:

Sell, assign and transfer to Sony Corporation, a corporation of Japan having a place of business at 7-35, Kitashinagawa 6-Chome, Shinagawa-ku, Tokyo, Japan, and Sony Computer Entertainment Inc., a corporation of Japan having a place of business at 2-6-21, Minami-Aoyama, Minato-ku, Tokyo, Japan, their successors, assigns and legal representatives, all hereinafter referred to as the Assignees, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office, bearing docket number S1459.70116US00, on October 6, 2004 under Serial No. 10/959,950 and entitled **DISK DRIVE**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority;

Agree that said Assignees may apply for and receive Letters Patent for said inventions in their own names; and when requested, without charge to but at the expense of said Assignees, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignees shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignees;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignees; and

Covenant with said Assignees that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

17 / January / 2005  
17 / De

Date

Kiyoshi Omori

Kiyoshi OMORI

Date

Masayasu ITO

Date

Aki YOGUCHI

25 / Jan / 2005

Kouji Shinohara

Date

Kouji SHINOHARA

27 / Jan / 2005

Akiro Ishiwata

~~19 / Jan / 2005~~

~~Kouji Shinohara~~

January 28, 2005 A.I

Date

Akio ISHIWATA

February / 02 / 2005

Masaki Nagatsuka

Date

Masaki NAGATSUKA

~~January / 18 / 2005~~  
February / 02 / 2005

~~Masaki Nagatsuka~~  
February / 02 / 2005

Date

Toshikazu KOBAYASHI

Date

Satoshi MIMURA

28 / Jan / 2005

Satoshi Muto

Date

Satoshi MUTO

Date

Toshisada TAKADA

504/11417450.7

S1459.70116US00

**ASSIGNMENT**

For good and valuable consideration, the sufficiency of which is hereby acknowledged, we, the undersigned, Kiyoshi OMORI, Tokyo, Japan; Masayasu ITO, Chiba, Japan; Aki YOGUCHI, Tokyo, Japan; Kouji SHINOHARA, Chiba, Japan; Akio ISHIWATA, Chiba, Japan; Masaki NAGATSUKA, Chiba, Japan; Toshikazu KOBAYASHI, Tokyo, Japan; Satoshi MIMURA, Kanagawa, Japan; Satoshi MUTO, Chiba, Japan; and Toshisada TAKADA, Chiba, Japan; hereby:

Sell, assign and transfer to Sony Corporation, a corporation of Japan having a place of business at 7-35, Kitashinagawa 6-Chome, Shinagawa-ku, Tokyo, Japan, and Sony Computer Entertainment Inc., a corporation of Japan having a place of business at 2-6-21, Minami-Aoyama, Minato-ku, Tokyo, Japan, their successors, assigns and legal representatives, all hereinafter referred to as the Assignees, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office, bearing docket number S1459.70116US00, on October 6, 2004 under Serial No. 10/959,950 and entitled **DISK DRIVE**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority;

Agree that said Assignees may apply for and receive Letters Patent for said inventions in their own names; and when requested, without charge to but at the expense of said Assignees, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignees shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignees;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignees; and

Covenant with said Assignees that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Kiyoshi OMORI

6/1/2005

Date

Masayasu Ito

Masayasu ITO

6/1/2005

Date

與口 明芸

Aki YOGUCHI

Date

Kouji SHINOHARA

Date

Akio ISHIWATA

Date

Masaki NAGATSUKA

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Date

三村 聡史

Satoshi MIMURA

Date

Satoshi MUTO

5/1/2005

Date

高田 利貞

Toshisada TAKADA