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COMMERCE
Jemark Office

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

1. Name of conveying party(ies):
**Tessho Ishida, Kenji Tomizawa, Nobuyuki Kihara,
Schoichi Awai, Ichiro Sakamoto and Ippei Tambata**

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

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

Execution Date: **Nov. 7, Nov. 8 & Nov. 11, 2002**

2. Name and address of receiving party(ies)

Name: **Sony Corporation**

Internal Address: **11-27-02**

Street Address: **6-7-35 Kitashinaqawa 6-Chome
Shinagawa-ku, Tokyo
Japan**

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

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) **10/161,216** 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.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210**

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>	11-21-02
Name of Person Signing	Signature	Date

Total number of pages including cover sheet, attachments, and document: **[4]**

Mail documents to be recorded with required cover sheet information to (modify as appropriate):
Box Assignment

Director - U.S. Patent and Trademark Office
Washington, D.C. 20231

12/03/2002 6TON11 00000073 10164216

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40.00 OP

PATENT
REEL: 013536 FRAME: 0519

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Tessho Ishida, Kenji Tomizawa, Nobuyuki Kihara, Shoichi Awai, Ichiro Sakamoto and Ippei Tambata, hereby

Sell, assign and transfer to Sony Corporation, a corporation of Japan having a place of business at 6-7-35 Kitashinagawa 6-Chome, Shinagawa-ku, Tokyo, Japan, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, 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 on May 31, 2002 under Serial No. 10/161,216 and entitled PROCESSING METHOD AND PROCESSING APPARATUS FOR PROCESSING A PLURALITY OF FILES STORED ON STORAGE MEDIUM 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.

We agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, 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 possible which said Assignee 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 Assignee.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

We covenant with said Assignee 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.

Dated: November 7, 2002

Tessho Ishida

Tessho Ishida

Dated: November 7, 2002

Kenji Tomizawa

Kenji Tomizawa

Dated: November 8, 2002

Nobuyuki Kihara

Nobuyuki Kihara

Dated: Nov 8, 2002

Shoichi Awai

Shoichi Awai

Dated: November 11, 2002

Ichiro Sakamoto

Ichiro Sakamoto

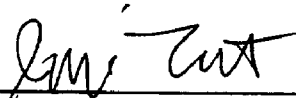
Dated: _____

Ippei Tambata

610677.1

October 18, 2002

Date



Ippei Tambata

Date

Witness