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To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies): SIGMA P.I. CO., LTD. 2/6/04 Additional name of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies) Name: SONY CORPORATION Internal \_\_\_\_\_

3. Nature of conveyance:  Assignment  Merger  Security Agreement  Change of Name  Other \_\_\_\_\_ Execution Dates: January 22, 2004

Street Address: 7-35, Kitashinagawa, 6-chome Shinagawa-ku, Tokyo, Japan City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Additional Name(s) & address(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 data of the application is: A. Patent Application No.(s) B. Patent No.(s) 5,947,297 Additional numbers attached?  Yes  No

6. Total number of applications and patents involved: 1

5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Marvin A. Motsenbocker Internal Address: Heller Ehrman White & McAuliffe Street Address: 1666 K Street, N.W. Suite 300 City: Washington State: D.C. Zip: 20006

7. Total fee (37 CFR 3.41) . . . . . \$ 40.00  Enclosed  Authorized to be charged to deposit account 8. Deposit account number: 08-1641 (Attach duplicate copy of this page if paying by deposit account)

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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. Marvin A. Motsenbocker Name of Person Signing

Signature: Marvin Motsenbocker Date: 2/5/04

Customer No. 26633

Total number of pages including cover sheet, attachments, and documents: 2

**ASSIGNMENT**

WHEREAS, SIGMA P.I. CO., LTD. a corporation having a principal place of business at 12-24 Mitejima 5-chome, Nishiyodogawa-ku, Osaka, Japan (hereinafter referred to as "ASSIGNOR") and SONY CORPORATION a corporation having a principal place of business at 7-35, Kitashinagawa, 6-chome, Shinagawa-ku, Tokyo, Japan (hereinafter referred to as "ASSIGNEE") are the owners of the entire right, title and interest in and to the following:


a United States Letters Patent obtained from U.S. Application No.09/136,732 filed on August 19,1998, and which issued as U.S. Patent No.5,947,297 on September 7, 1999.

WHEREAS, ASSIGNEE desires to acquire the entire interest therein;

NOW THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, ASSIGNOR's full and exclusive right, title, and interest in and to the above-identified U.S. Patent; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR SIGMA P.I. CO., LTD. HEREBY GRANTS to the law firm of Heller Ehrman White & McAuliffe the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

SIGMA P.I. CO., LTD.

By:   
(Signature)

Kozo SHIMADA  
(Printed Name)

Presidnet  
(Title)

January 22, 2004  
(Date)