

07-02-2001

FLH Ref. No.: 450100-03079



SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of

101766173

ie attached original documents or copy thereof.

## 1. Name of conveying party(ies)

Jun MURAYAMA, Masayuki HATTORI, Toshiyuki MIYAUCHI, Kouhei  
YAMAMOTO, Takashi YOKOKAWAAdditional name(s) of conveying party(ies) attached?  
☐ Yes ☒ No

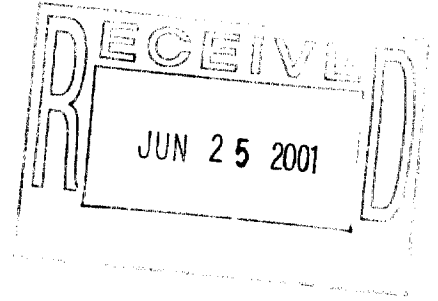
## 2. Name and address of receiving party(ies)

Name: SONY CORPORATION  
7-35 Kitashinagawa 6-chome  
Shinagawa-Ku, Tokyo 141-0001, JapanAdditional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

42501

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

Execution Date(s): May 30, June 4, June 4, June 4 and June  
4, 2001

## 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) 09/816,272 filed March 23, 2001

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: WILLIAM S. FROMMER

Internal Address: FROMMER LAWRENCE &amp; HAUG LLP

Street Address: 745 FIFTH AVENUE

City: NEW YORK State: N.Y. Zip: 10151

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 50-03208. Deposit account number:  
(Attach duplicate copy of this page if paying by deposit  
account)

Do not use this space

## 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.

GLENN F. SAVIT

Name of Person Signing

Signature

June 20, 2001

Date

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

Do not detach this portion

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

06/29/2001 LMUELLER 00000089 09816272

Commissioner of Patents and Trademarks

01 FC:581

40.00 D

Box Assignments  
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded,  
including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet.  
Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems,  
PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011),  
Washington, D.C. 20503.

## ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, 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

CODING APPARATUS, CODING METHOD AND RECORDING MEDIUM HAVING CODED PROGRAM RECORDED THEREIN, AND DECODING APPARATUS, DECODING METHOD AND RECORDING MEDIUM HAVING DECODED PROGRAM THEREIN

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 141, Japan (hereinafter referred to 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 invention, 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: 09/816,272, Filing Date: March 23, 2001.

This assignment executed on the dates indicated below.

Jun MURAYAMA

Name of first or sole inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of first or sole inventor

*Jun Murayama*

*May 30, 2001*

Signature of first or sole inventor

Date of this assignment

Masayuki HATTORI

Name of second inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of second inventor

*Masayuki Hattori*

*June 4, 2001*

Signature of second inventor

Date of this assignment

Toshiyuki MIYAUCHI

Name of third inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of third inventor

*Toshiyuki Miyachi*

*June 4, 2001*

Signature of third inventor

Date of this assignment

ADDITIONAL INVENTORS

Kouhei YAMAMOTO

Name of fourth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of fourth inventor

*Kouhei Yamamoto**June 4, 2001*

Signature of fourth inventor

Date of this assignment

Takashi YOKOKAWA

Name of fifth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of fifth inventor

*Takashi Yokokawa**June 4, 2001*

Signature of fifth inventor

Date of this assignment