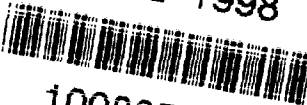


6-11-98  
COR  
ARD 9/22/98

RECO

09-22-1998



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and ..

100835239

Original documents or copy thereof.

1. Name of conveying party(ies)

John M. Van Ryzin and Peter Douma

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

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



Execution Date: June 9, 1998

2. Name of receiving party(ies)

Name: SONY CORPORATION

Street Address: 6-7-35 Kitashinagawa 6-chome  
Shinagawa-Ku

City: Tokyo, Japan

and

Name: SONY ELECTRONICS INC.

Street Address: 1 Sony Drive

City: Park Ridge, New Jersey 07656

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 date of the application is: June 9, 1998.

A. Patent Application No.(s) \_\_\_\_\_ filed \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WILLIAM S. FROMMER

Internal Address: FROMMER LAWRENCE & 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 #03-3925

8. 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.

William S. Frommer

Name of Person Signing

*William S. Frommer*  
Signature

June 11, 1998

Date

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

Do not detach this portion

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

65-17/1998 GPAYNE 00000022 09095832

02 FC:381

40.00 DP

Commissioner of Patents and Trademarks  
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.

SONY 64145010314528.REC

## 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

## APPARATUS AND METHOD FOR SELECTIVELY PLAYING BACK PROGRAMS STORED ON RECORDING MEDIA

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 and Sony Electronics Inc. with offices at 1 Sony Drive, Park Ridge, NJ 07656 (hereinafter jointly 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: \_\_\_\_\_, Filing Date: \_\_\_\_\_.

This assignment executed on the dates indicated below.

John M. Van Ryzin 6/9/98  
Name of first or sole inventor Execution date of U.S. Patent Application

Madison, New Jersey  
Residence of first or sole inventor  
[Signature] 6/9/98  
Signature of first or sole inventor Date of this assignment

Peter Douma 6/8/98  
Name of second inventor Execution date of U.S. Patent Application

Wyckoff, New Jersey  
Residence of second inventor  
[Signature] 6/9/98  
Signature of second inventor Date of this assignment

\_\_\_\_\_  
Name of third inventor Execution date of U.S. Patent Application

\_\_\_\_\_  
Residence of third inventor  
\_\_\_\_\_  
Signature of third inventor Date of this assignment



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 25, 1998

FROMMER LAWRENCE & HAUG LLP  
WILLIAM S. FROMMER  
745 FIFTH AVENUE  
NEW YORK, NY 10151



\*100743568A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/11/1998

REEL/FRAME: 9247/0132  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

**ASSIGNOR:**

VAN RYZIN, JOHN M.

DOC DATE: 06/09/1998

**ASSIGNOR:**

DOUMA, PETER

DOC DATE: 06/09/1998

**ASSIGNEE:**

SONY CORPORATION  
6-7-35 KITASHINAGAWA 6-CHOME  
SHINAGAWA-KU,  
TOKYO, JAPAN

**ASSIGNEE:**

SONY ELECTRONICS INC.  
1 SONY DRIVE  
PARK RIDGE, NEW JERSEY 07656

SERIAL NUMBER: 09095837  
PATENT NUMBER: **2**

FILING DATE: 06/11/1998  
ISSUE DATE:

SEP 3 A 9 52  
FROMMER, LAWRENCE  
& HAUG, LLP

**DOCTED**

**PATENT  
REEL: 9458 FRAME: 0646**

DOROTHY RILEY, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS