

06-10-1998

FLH Ref. No.: 450106-3957

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

## 1. Name of conveying party(ies)

HAJIME NISHIMURA, MUNEHIO YOSHIKAWA, HIROYUKI ISHIMARU

Additional 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 100-31, JapanAdditional name(s) & address(es) attached? ☐ Yes ☒ No3. Nature of conveyance: **MRD 5-4-98**

- ☐ Assignment  
☐ Security Agreement  
☐ Merger  
☐ Change of Name  
☒ Other: Change "NISHIMIURA" to "NISHIMURA"

Execution Date: July 15, 1997 and July 17, 1997

## 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) 08/952,894 filed November 25, 1997Additional 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 &amp; HAUG LLP

Street Address: 745 FIFTH AVENUE

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

## 6. Total number of applications and patents involved . . . . .

17. Total fee (37 CFR 3.41) . . . . . \$           ☒ Enclosed  
Authorized to be charged to  
deposit account 50-0320

## 8. Deposit account number:

(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.

*Gordon Kessler*  
for WILLIAM S. FROMMER

Name of Person Signing

*Gordon Kessler*

Signature

April 29, 1998

Date

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

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Washington, D.C. 20231

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*Change 40.00  
No Spec Fee*

PATENT

REEL: 9185 FRAME: 0970

02-12-1998



100631934

101 Rec'd PCT/PTO 25 NOV 1997  
08/952894

OVER SHEET

LY

FROMMER LAWRENCE & HAUG, LLP  
745 Fifth Avenue  
New York, New York 10151  
(212) 588-0800

Attorney Docket No. 450106-3957

Applicant : NISHIMURA et al.  
For : PICTURE RECEIVING APPARATUS, PICTURE  
RECEIVING METHOD, PICTURE SENDING  
APPARATUS, PICTURE SENDING METHOD,  
PICTURE SENDING/RECEIVING APPARATUS AND  
PICTURE SENDING/RECEIVING METHOD

International Filing Date : 28 March 1997

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

1. Names of Conveying Parties : NISHIMURA, Hajime; YOSHIKAWA,  
Munehiro; and ISHIMARU, Hiroyuki
2. Name and address of receiving party : Sony Corporation  
7-35 Kitashinagawa 6-chome  
Shinagawa-ku, Tokyo  
Japan
3. Nature of Conveyance : Assignment  
Execution Dates : July 15 and July 17, 1997.
4. ☐ Application No. or Patent No.:  
☒ This document is being filed together with a new application, the execution date of the  
application is: July 15 and 17, 1997.
5. Name and address of party to whom the recorded assignment and any correspondence concerning  
the document should be mailed:

William S. Frommer  
Registration No. 25,506  
FROMMER LAWRENCE & HAUG LLP  
745 Fifth Avenue  
New York, New York 10151.

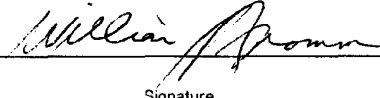
- 12/15/1997 00000160-00000000 46-00-00  
03 PCT/PTO
6. Total number of applications and patents involved: 1.
  7. Total Fee (37 CFR 3.41): \$40.00.  
☒ Fee enclosed, Check No. 24.
  8. ☐ Charge Fee Deposit Account No. 50-0320 (Attach duplicate copy of this page if paying by deposit  
account).  
☒ If any additional fee is required, authorization is hereby given to charge  
Deposit Account No. 50-0320.

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, Esq.



November 25, 1997

Name of Person Signing

Signature

Date

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 Picture Receiving Apparatus, Picture Receiving Method, Picture Sending Apparatus, Picture Sending Method, Picture Sending/Receiving Apparatus, and Picture Sending/Receiving Method 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 (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: \_\_, Filing Date: \_\_.

This assignment executed on the dates indicated below.

HAJIME NISHIMURA

Name of first or sole inventor Execution date of U.S. Patent Application  
Kanagawa, Japan

Residence of first or sole inventor

Hajime Nishimura  
Signature of first or sole inventor

July 15, 1997  
Date of this assignment

MUNEHIRO YOSHIKAWA

Name of second inventor Execution date of U.S. Patent Application  
Kanagawa, Japan

Residence of second inventor Munehiro Yoshikawa

Munehiro Yoshikawa  
Signature of second inventor H.I. July 15, 1997

July 15, 1997 July 17, 1997  
Date of this assignment H.I. July 15, 1997

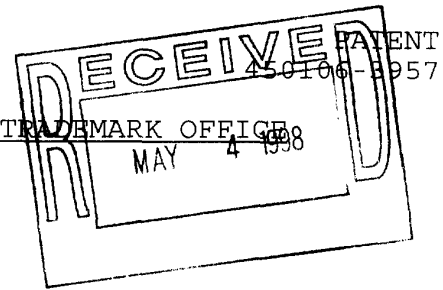
HIROYUKI ISHIMARU

Name of third inventor Execution date of U.S. Patent Application  
Saitama, Japan

Residence of third inventor

Hiroyuki Ishimaru  
Signature of third inventor

July 15, 1997  
Date of this assignment



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : HAJIME NISHIMURA et al.  
Serial No. : 08/952,894  
Filed : November 25, 1997  
For : PICTURE RECEIVING APPARATUS, PICTURE RECEIVING METHOD, PICTURE SENDING APPARATUS, PICTURES SENDING METHOD, PICTURE SENDING/RECEIVING APPARATUS, AND PICTURE SENDING/RECEIVING METHOD  
Art Unit : 5611

745 Fifth Avenue  
New York, New York 10151  
Tel. (212) 588-0800

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231, on April 29, 1998

Gordon Kessler # 38,571  
William S. Frommer, Reg. No. 25,506

Name of Applicant, Assignee or  
Registered Representative

Gordon Kessler  
Signature

April 29, 1998

Date of Signature

REQUEST FOR CORRECTION OF ASSIGNMENT RECORDS

U.S. Patent and Trademark Office  
Assignment Division  
Box Assignments  
North Tower Building, Suite 10C35  
Washington, D.C. 20231

Sir:

Please correct the first Assignor's name on the Notice of Recordation of Assignment Document from "NISHMIURA," to --NISHIMURA,-- in the above identified application. Enclosed are copies of the Assignment, Recordation Cover Sheet and the Notice of Recordation of Assignment Document with the requested correction noted thereon in red ink.

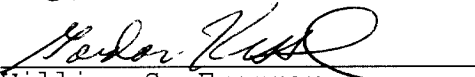
PATENT  
450106-3957

Please charge the fees, if any, required for the  
requested correction(s) or credit any overpayment to Deposit  
Account No. 50-0320.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP  
Attorneys for Applicants

*GORDON KESSLER #38,511*

By:   
for William S. Frommer  
Reg. No. 25,506  
Tel. (212) 588-0800



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

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

MARCH 24, 1998

MAR 10 A 10:53 PTAS

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



\*100631934A\*

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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

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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, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/25/1997

REEL/FRAME: 8942/0452  
NUMBER OF PAGES: 3

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

ASSIGNOR:

~~NISHIMURA~~, HAJIME  
NISHIMURA

DOC DATE: 07/15/1997

ASSIGNOR:

YOSHIKAWA, MUNEHIRO

DOC DATE: 07/17/1997

ASSIGNOR:

ISHIMARU, HIROYUKI

DOC DATE: 07/15/1997

ASSIGNEE:

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

SERIAL NUMBER: 08952894

FILING DATE: 11/25/1997

PATENT NUMBER:

ISSUE DATE:

**PATENT  
REEL: 9185 FRAME: 0976**

8942/0452 PAGE 2

PEARLENE FOSTER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECORDED: 05/04/1998

PATENT  
REEL: 9185 FRAME: 0977