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(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08A/REV03



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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings

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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):

1. Seiji Kobayashi 5. Chikako Sano  
2. Tomoo Mitsunaga 6. Nobuyuki Sato  
3. Hiroaki Ono  
4. Ken Nakajima

4-29-02

Additional names(s) of conveying party(ies)

☒ Yes ☐ No

## 3. Nature of conveyance:

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

Execution Date: 1-3: 3/13/02; 4&amp;6: 3/14/02; 5: 3/29/02

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

Name: Sony Corporation

Address: 7-35 Kitashinagawa, 6-Chome

Shinagawa-Ku

City: Tokyo State/Prov.:

Country: Japan ZIP: 141-0001

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No. Filing date

10/035,711

10/22/01

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

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

Name: Jeffrey H. Canfield, Esq.

Registration No. 38,404

Address: Bell, Boyd &amp; Lloyd LLC

P.O. Box 1135

City: Chicago

State/Prov.: Illinois

Country: U.S.A.

ZIP: 60602

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

1

## 7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

02-1818

(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.

Jeffrey H. Canfield, Esq.

Name of Person Signing

Signature

April 16, 2002

Date

3

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments

PATENT  
REEL: 012860 FRAME: 0217

**ASSIGNMENT**

**WHEREAS, I**, as a below named inventor, residing at the address stated next to my name, 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 **"IMAGE PROCESSING APPARATUS AND METHOD, AND RECORDING MEDIUM THEREFOR"** 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 referenced 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 applications for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues or 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 as follows: Serial Number: **10/035,711**, Filing Date: **October 22, 2001**.

This assignment executed on the dates indicated below.

Seiji Kobayashi

\_\_\_\_\_  
Name of first or sole inventor

\_\_\_\_\_  
Execution date of U.S. Patent Application

Tokyo, Japan

\_\_\_\_\_  
Residence of first or sole inventor

*Seiji Kobayashi*  
\_\_\_\_\_  
Signature of first or sole inventor

*March 13, 2002*  
\_\_\_\_\_  
Date of this assignment

Tomoo Mitsunaga

Name of second inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of second inventor

*Tomoo Mitsunaga*

Signature of second inventor

*March 13, 2002*

Date of this assignment

Hiroaki Ono

Name of third inventor

Execution date of U.S. Patent Application

Saitama, Japan

Residence of third inventor

*Hiroaki Ono*

Signature of third inventor

*March 13, 2002*

Date of this assignment

Ken Nakajima

Name of fourth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of fourth inventor

*Ken Nakajima*

Signature of fourth inventor

*March 14, 2002*

Date of this assignment

Chikako Sano

Name of fifth inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of fifth inventor

*Chikako Sano*

Signature of fifth inventor

*March 29, 2002*

Date of this assignment

Nobuyuki Sato

Name of sixth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of sixth inventor

*Nobuyuki Sato*

Signature of sixth inventor

*March 14, 2002*

Date of this assignment