

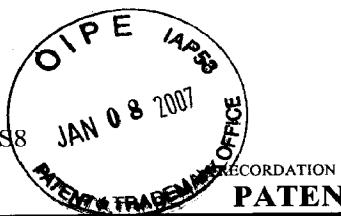
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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Atty Docket No.: 294092US8

FORM PTO-1595  
06-04

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Tatsuya KONNO, Susumu TAKATSUKA, Hideo TSUKAZAKI,  
Takashi KINOCHI, Kotaro ASAKA, Takashi KAWAKAMI,  
Yasuharu SEKIAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

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

Execution Date: November 26, 10, December 12,  
November 10, 10, 21, 10, 2006

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

Name: SONY CORPORATION

Address: 7-35 Kitashinagawa 6-Chome, Shingawa-Ku,  
Tokyo, JapanAdditional name(s) and address(es) attached? ☐ Yes ☒ No

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

☐ This document is being filed together with a new application

A. Patent Application No.(s)

11/492,116

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

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## 6. Total applications and patents involved: 1

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

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number: 15-0030

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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.*

Bradley D. Lytle

Name of Person Signing

Signature

JAN 08 2007

Date

Registration Number: 40,073

Joseph Scafetta, Jr.  
Registration No. 26,803

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PATENT

REEL: 018775 FRAME: 0685

Docket Number: \_\_\_\_\_

## 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 **INFORMATION-PROCESSING APPARATUS, REPRODUCTION APPARATUS, COMMUNICATION METHOD AND COMPUTER PROGRAM**

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 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: 11/492,116, Filing Date: July 25, 2006.

This assignment executed on the dates indicated below.

Tatsuya KONNO

Name of first or sole inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of first or sole inventor

Tatsuya Konno

Signature of first or sole inventor

July 26, 2006

Date of this assignment

Susumu TAKATSUKA

Name of second inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of second inventor

Susumu Takatsuka10. Nov. '06

Signature of second inventor

Date of this assignment

Hideo TSUKAZAKI

Name of third inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of third inventor

Hideo TsukazakiDec. 12. 2006

Signature of third inventor

Date of this assignment

Takashi KINOUCHI

Name of fourth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of fourth inventor

Takashi KinouchiNov. 10, 2006

Signature of fourth inventor

Date of this assignment

Kotaro ASAKA

Name of fifth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of fifth inventor

K. AsakaNov. 10, 2006

Signature of fifth inventor

Date of this assignment

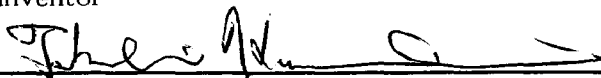
Takashi KAWAKAMI

Name of sixth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of sixth inventor



Nov. 21 2006

Signature of sixth inventor

Date of this assignment

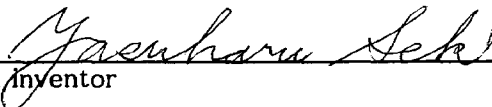
Yasuharu SEKI

Name of seventh inventor

Execution date of U.S. Patent Application

Chiba, Japan

Residence of seventh inventor



Nov. 10. 2006

Signature of seventh inventor

Date of this assignment

Name of eighth inventor

Execution date of U.S. Patent Application

Residence of eighth inventor

Signature of eighth inventor

Date of this assignment

Name of ninth inventor

Execution date of U.S. Patent Application

Residence of ninth inventor

Signature of ninth inventor

Date of this assignment

PATENT

RECORDED: 01/08/2007

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