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Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 7/31/2008)



RECORDATION  
STATE

103516141


To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<b>1. Name of conveying party(ies):</b> Yuji Masui (01/10/2008), Takahiro Arakida (01/10/2008), Yoshinori Yamauchi (01/10/2008), Kayoko Kikuchi (01/10/2008), and Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Sony Corporation</u> Internal Address: _____ Street Address: _____ 1-7-1 Konan Minato-Ku, Tokyo 108-0075 JAPAN City: _____ State: _____ Country: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**3. Nature of conveyance/Execution Date(s):**  
 Execution Date(s): in parentheses after inventor name  
 Assignment  Merger  Change of Name  
 Security Agreement  Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
 A. Patent Application No.(s)  
     11/806,884  
 B. Patent No.(s)  
 Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: Christopher M. Tobin  
RADER, FISHMAN & GRAUER PLLC  
 Internal Address: Atty. Dkt.: SON-3771  
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**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
 a. Credit Card Last 4 Numbers \_\_\_\_\_  
     Expiration Date \_\_\_\_\_  
 b. Deposit Account Number 18-0013  
     Authorized User Name Christopher M. Tobin
**9. Signature:**  
  
 \_\_\_\_\_  
 Christopher M. Tobin - 40,290  
 Ronald P. Kananen - 24,104  
 Name of Person Signing  
 \_\_\_\_\_  
 July 22, 2008  
 Date  
 Total number of pages including cover sheet, attachments, and documents: 5

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01 FC:8021 40.00 DA

**RECORDATION FORM COVER SHEET (PTO-1595)  
(supplemental sheet)**

**Additional Conveying Party(ies)/Execution Date(s) (1. Continued):**

Rintaro Koda (01/10/2008) and Norihiko Yamaguchi (01/10/2008)

**Additional Assignees (2. Continued):**

Assignee Name: \_\_\_\_\_

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Assignee Name: \_\_\_\_\_

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Assignee Name: \_\_\_\_\_

Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

**Additional Applications and/or Patents (4. Continued):**

Additional Patent Application Numbers  
4A. Continued:

Additional Patent Numbers  
4B. Continued:

Additional numbers attached?

Yes

No

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 SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING IT

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 1-7-1 Konan, Minato-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, 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: 11/806,884, Filing Date: June 5, 2007

This assignment executed on the dates indicated below.

Yuji MASUI

Name of first or sole inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of first or sole inventor

*Yuji Masui*

*January 10, 2008*

Signature of first or sole inventor

Date of this assignment

Takahiro ARAKIDA

Name of second inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of second inventor

*Takahiro Arakida**January 10, 2008*

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Date of this assignment

Yoshinori YAMAUCHI

Name of third inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of third inventor

*Yoshinori Yamauchi**January 10, 2008*

Signature of third inventor

Date of this assignment

Kayoko KIKUCHI

Name of fourth inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of fourth inventor

*Kayoko Kikuchi**January 10, 2008*

Signature of fourth inventor

Date of this assignment

Rintaro KODA

Name of fifth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of fifth inventor

*Rintaro Koda**January 10, 2008*

Signature of fifth inventor

Date of this assignment

Norihiko YAMAGUCHI

Name of sixth inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of sixth inventor

*Norihiko Yamaguchi*

*January 10, 2008*

Signature of sixth inventor

Date of this assignment

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Execution date of U.S. Patent Application

Residence of seventh inventor

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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