Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: **NEW ASSIGNMENT** NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Yoshiyuki ENOMOTO	02/23/2006
Hiroyuki KAWASHIMA	02/23/2006
Masaki OKAMOTO	02/27/2006

RECEIVING PARTY DATA

Name:	SONY CORPORATION	
Street Address:	7-35 Kitashinagawa 6-Chome	
Internal Address:	Shinagawa-Ku	
City:	Tokyo	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11346890

CORRESPONDENCE DATA

Fax Number: (312)704-8137

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (312)704-1890

Email: ddurham@trexlaw.com

Correspondent Name: Robert J. Depke

Address Line 1: Trexler Bushnell Giangiorgi Blackstone Address Line 2: 105 West Adams Street, Suite 3600

Address Line 4: Chicago, ILLINOIS 60603

ATTORNEY DOCKET NUMBER: 075834.00796

NAME OF SUBMITTER: Robert J. Depke

Total Attachments: 2

500098789

source=796 Scanned Assignment#page1.tif

PATENT REEL: 017543 FRAME: 0924

source=796 Scanned Assignment#page2.tif

PATENT REEL: 017543 FRAME: 0925

Docker Number: (075834.00796

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

METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE AND SEMICONDUCTOR DEVICE

for which an 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 Kitashmagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan (hereinafter teterenced as ASSIGNEE) is desirons 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, do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, the entire right, title and interest in the said invention, said application, including any divisions and continuations as well as any reissues and reexaminations 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 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 parents, for filing subdivisions of said application for parent, 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:

This assignment executed on the dates indica	ted below.
Yoshiyuki ENOMOTO	
Name of tirst or sole inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of first or sole inventor	7.7.7.7.7

Signature of first or sole laventof

Application No. 11/346,890

Date of this Assignment

Filing Date: February 3, 2006

Hiroyuki KAWASHIMA	
Name of second inventor	Execution date of U.S. Parent Application
Kanaganya Japan	
Kanagawa, Japan Residence of second inventor	
	Eak 122 /2001
Hirayuki Kawashima	Feb/23/2006
Signature of second inventor	Date of this Assignment
Masaki OKAMOTO	
Name of third inventor	Execution date of U.S. Patent Application
Kanagawa, Japan Residence of third inventor	
Superior of third inventor	7-&b/27/2014 Date of this Assignment
Signature of third inventor	Date of this Assignment
Name of fourth inventor	Execution date of U.S. Patent Application
Residence of fourth inventor	
Signature of Tourth inventor	Date of this Assignment
Name of fifth inventor	Execution date of U.S. Patent Application
Residence of fifth inventor	
Residence of fifth inventor	
Signature of fifth inventor	Date of this Assignment
Name of sixth inventor	Execution date of U.S. Patent Application
Residence of sixth inventor	
residence of sixili inventor	
Signature of sixth inventor	Date of this Assignment

PATENT REEL: 017543 FRAME: 0927

2

Signature of sixth inventor