Form PTO-1595 (Rev. 03/01) 5 - 23 - 0 3 RECORD,	S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
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Tab settings	<u> </u>	
	Please record the attached original documents or copy thereof.	
Name of conveying party(ies):	2. Name and address of receiving party(ies)	
Ichiro Murakami	Name: Sony Corporation	
	Internal Address:	
Additional name(s) of conveying party(ies) attached? 📮 Yes 🛂 No	F: W	
3. Nature of conveyance:		
🔼 Assignment 🖵 Merger	Street Address: 7-35 Kitashinagawa	
🔁 Security Agreement 📮 Change of Name	Street Address:	
☐ Other	6-Chome, Shinagawa-ku, Tokyo, Japan	
	City:State:Zip:	
Execution Date: May 8, 2003	Additional name(s) & address(es) attached? 📮 Yes 🛂 No	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new appli	cation, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
10/ 356,065		
Additional numbers at	tached? 🖵 Yes 🔼 No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	
concerning document should be mailed:  Name: Robert J. Depke	7. Total fee (37 CFR 3.41)\$ 40.00	
Internal Address: Holland & Knight LLC	☑ Enclosed	
	Authorized to be charged to deposit account	
Street Address: 131 South Dearborn Street	8. Deposit account number:	
30th Floor		
500111001		
City: Chicago State: IL \ Zip: 60603	(Attach duplicate copy of this page if paying by deposit account)	
/2003 39YRHE 00000026 10356065	THIS SPACE	
9. Statement and signature.	. The of Act	
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy		
To the best of my knowledge and belief, the foregoing i		
is a true copy of the original document.		
	5//9/03 Date	

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

120CKet Number: 0/2624.00262	Docket Number:	075834.00283
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## 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, METHOD OF MANUFACTURING THE SAME, AND APPARATUS FOR MANUFACTURING SEMICONDUCTOR

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 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, 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 filling 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 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 No. 10/356,065 Filing Date: January 31, 2003

This assignment executed on the dates indicated below

RECORDED: 05/23/2003

This assignment executed on the dates indicated belov	
Ichiro MURAKAMI	
Name of first or sole inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of first or sole inventor	
Ichiro Murakami	May 8, 2003
Signature of First or sole inventor	/ Date of this Assignment

PATENT REEL: 014096 FRAME: 0425