FORM PTO-1594 1-31-92 1,2.W

RECORD#

01-09-2001



U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 05225.0171 Customer No.: 22,852

101575428

Please record the attached original documents or copy thereof.	ATTN. BOX ASSIGNMENTS
Name of conveying party:	Name and address of receiving party:
Shinichi TAKAGI	
and the second s	Name: Kabushiki Kaisha Toshiba
Additional name of conveying party attached?   Yes	Internal Address:
3. Nature of conveyance:	Street Address: 72, Horikawa-cho, Saiwai-ku Kawasaki-shi, Kanagawa-ken, Japan
	City:
Assignment   Merger	State: Zip Code:
Security Agreement  Change of Name	
Other	
	Additional name & Address attached?
Execution Date: October 11, 2000	□ Yes ⊠ No
4. Application number or patent number: If this document is being application:	filed together with a new application, the execution date of the
A. Patent Application Number: 09/665,682	B. Patent Number:
Additional numbers atta	
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	6. Total number of applications and registrations involved: 1
	7. Total fee (37 CFR 3.41): \$40
Name: Mr. Ernest F. Chapman	Enclosed (Please charge deficiency to deposit account)
FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	
	Authorized to be charged to deposit account
Street Address: 1300   Street, N.W.	06.0916
City: Washington	8. Deposit account number: 06-0916
State: DC Zip: 20005-3315	
9. / Statement and signature.	ion is true and correct and any attached copy is a true copy of the
original document.	
40.00 P	January 2, 2001
Registration No. 31,744	gnature Date
Total number of pages including cover sh	act attachments and documents: 3

PATENT REEL: 011399 FRAME: 0564

SOLE INVENTION (U.S. Rights Only)

## **ASSIGNMENT**

WHEREAS, I, the below named inventor, (hereinafter referred to as Assignor, have made an invention entitled:

SEMICONDUCTOR DEVICE	
for which I executed an application for United States Letters Patent concurrently herewith or on or filed an application for United States Letters Patent on September 20, 2000 (Serial No); and	
WHEREAS, Kabushiki Kaisha Toshiba, a corporation of Japan, whose post office address is 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;	
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I, as assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;	
AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.	
AND, I HEREBY authorize and request the attorneys I have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. <u>09/665,682</u> , filed <u>September 20, 2000</u> ) the filing date and application number of said application when known.	

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

PATENT REEL: 011399 FRAME: 0565

## IN TESTIMONY WHEREOF, I have hereunto set my hand.

**Assignor** 

Shinichi TAKAGI

c/o Intellectual Property Division

**Toshiba Corporation** 

1-1-1, Shibaura, Minato-ku

Tokyo, Japan

Citizenship:

Japanese

RECORDED: 01/02/2001

Signature:

Date:

October 11, 2000

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

PATENT REEL: 011399 FRAME: 0566