01701.85024

Form PTO-1592 (modified)	01701.85024	
To the Honorable Commissioner of Patents and Trademarks	101282873 copies thereof:	
1. Name of Conveying Party or Parties:	2. Name and address of receiving party or parties:	
Yohei HIURA MAR 0 1 2000	KABUSHIKI KAISHA TOSHIBA	
\	72 Horikawa-cho, Saiwai-ku	
Additional Names of conveying party or parties attached? Yes No	Kawasaki-shi, Japan	
3. Nature of Conveyance:		
Assignment		
☐ Security Agreement ☐ Change of Name		
Other	Additional Name(s) and address(es) attached? Yes No	
Execution Date: January 7, 2000		
4. Application Number(s) or Patent Number(s):		
If this document is being filed together with a new application, the execution	on date of the application is:	
A. Patent Application Number(s): 09/442,456	B. Patent Number(s):	
Additional Name(s) and address(es) attached? Yes No		
5. Name and address of party to whom correspondence concerning	6. Total Number of Applications and patents involved: 1	
the document should be mailed:	7. Total fee (37 CFR 3.41) \$ 40.00	
Joseph M. Potenza, Esq.	■ Enclosed	
BANNER & WITCOFF, LTD. 11th Floor	□ Authorized to be charged to deposit account ■ Please charge or credit our deposit account for any additional or	
1001 G Street, N.W.	refunded fees associated with recording this assignment	
Washington, D.C. 20001-4597	0.00	
	8. Deposit Account No.: 19-0733 (in the event additional fees are required)	
	(Duplicate copy of this page attached if paying by deposit account)	
Do Not Us	se this Space	
5/2000 TTRAN1 00000094 09442456 ~		
C:581 (40.00 0P)		
9. Statement and Signature:		
	is true and correct and any attached copy is a true copy of the original	
document.		
Joseph M. Potenza, Reg. No. 28.175		
Name of Person Signing Signature	LA38.800 Date	
•	Total Number of Pages including Cover Sheet: 3	

PATENT

REEL: 010583 FRAME: 0193

ASSIGNMENT

In consideration of value received, I, having a post office address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome. Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE

said application having been filed on November 18, 1999 and assigned Serial No. 09/442,456; sell and assign to KABUSHIKI KAISHA TOSHIBA a corporation of Japan, having a business address at 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

- \times executed concurrently herewith;
- executed separately herefrom:

and in and to all applications for patent and patents for said invention. in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee. I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invension in all countries.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Banner & Witcoff, Ltd., 11th Floor, 1001 G Street, N.W., Washington, D.C. 20001-4597

PATENT REEL: 010583 FRAME: 0194

ASSIGNMENT

Inventor: (Signature)	Date	Residence
Yohei Hiwa Yohei Hiura	JAN 7.2000	Yokohama-shi, Japan
Yohei Hiura		
	_	

RECORDING OFFICER:

After recording please return to: BANNER & WITCOFF, LTD.

11th Floor, 1001 G Street, N.W., Washington, D.C. 20001-4597

RECORDED: 03/01/2000

PATENT REEL: 010583 FRAME: 0195