FORM PTO-1594 **3-27-0**) RE

04-12-2001

U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 04329.2557 CUSTOMER NUMBER: 22,852

101661345

To the Honorable Commissioner of Patents and Trademarks:

ATTN. BOX ASSIGNMENTS Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party: Kyoichi SUGURO Kabushiki Kaisha Toshiba Name: Additional name(s) of conveying party(ies) attached? □ Yes ⋈ No Internal Address: Street Address: 72 Horikawa-cho, Saiwai-ku, 3. Nature of conveyance: Kawasaki-shi, JAPAN City: Zip Code: Assignment Merger State: Security Change of Name \Box Agreement 03/29/2001 BABRAHA1 00000011 09817271 Other Additional name(s) & Address(es) attached? □ Yes

No **Execution Date:** March 21, 2001 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: March 21, 2001 B. Patent Number(s): Patent Application Number(s): A. Additional numbers attached? ☐ Yes ☑ No Name and address of party to whom correspondence Total number of applications and registrations involved: 5. concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40 Mr. Ernest F. Chapman Name: FINNEGAN, HENDERSON, FARABOW, GARRETT Enclosed (Please charge deficiency to deposit account) Internal Address: & DUNNER, L.L.P. Authorized to be charged to deposit account Street Address: 1300 I Street, N.W. 8. Deposit account number: 06-0916 City: Washington State: DC Zip: 20005-3315 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. March 27, 2001 Richard V. Burgujian Reg. No. 31,744 Date Total number of pages including cover sheet, attachments and documents:

> PATENT REEL: 011656 FRAME: 0240

ASSIGNMENT

In consideration of value received, I, having a mailing 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:

SEMICONDUCTOR DEVICE AND METHOD OF MENUFACTURING THE SAME

said application having been filed on and assigned Application No. ;
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.

Finnegan, Henderson, Farabow, Garrett & Dunner, L. L. P., 1300 I Street, N. W., Washington, D. C., 20005-3315

PATENT REEL: 011656 FRAME: 0241

ASSIGNMENT

Inventor: (Signature)	Date	Residence
Kyoichi/Suguro Digur	o <u>Mar.</u> 21.2001	Yokohama-shi, Japan

RECORDING OFFICER:

After recording please return to: Finnegan, Henderson, Farabow, Garrett & Dunner, L. L. P.

1300 I Street, N.W., Washington, D.C. 20005-3315

RECORDED: 03/27/2001

PATENT REEL: 011656 FRAME: 0242