

3-28-01

04-19-2001

orney Docket No.: 2102475-991110

FORM PTO-1595  
U.S. DEPARTMENT OF COMMERCE  
1-31-92



101676542

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Toshiyuki Kouchi Yoshinori Sugisawa Takehiko Hojo</p> <p>Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No</p> <p>3. Nature of Conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name</p> <p>Execution Date: March 19, 2001</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Kabushiki Kaisha Toshiba</p> <p>Street Address: 72 Horikawa-cho Saiwai-Ku, Kawasaki-shi Kanagawa-ken, Japan</p> <p>Additional name(s) &amp; address(es) attached? [ ] Yes [X] No</p> <p>09821163</p>
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: March 19, 2001</p> <p>A. Patent Application No.(s)</p> <p>B. Patent No.(s)</p> <p>Additional numbers attached? [ ] Yes [X] No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <i>Ronald L. Yin</i> Internal Address: Gray Cary Ware &amp; Freidenrich LLP 1755 Embarcadero Road Palo Alto, CA 94303-3340 (650) 320-7400</p>	<p>6. Total number of applications and patents involved: <span style="border: 1px solid black; padding: 2px;">1</span></p> <p>7. Total fee (37 CFR 3.41) . . . . . \$ 40.00 [ ] Enclosed [X] Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>07-1896</u> Please debit any underpayment or credit any overpayment to the above deposit account.</p> <p>Our Order No.</p>
<p><b>DO NOT USE THIS SPACE</b></p>	
<p>9. Statement and signature. <u>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.</u></p> <p><i>Ronald L. Yin</i> (Reg. No. 27,607) <span style="float: right;"><i>Ronald L. Yin</i></span> Name of Person Signing <span style="margin-left: 200px;">Signature</span> <span style="float: right;">March 28, 2001</span> <span style="float: right;">Date</span></p> <p style="text-align: right;">Total number of pages comprising cover sheet: [ 3 ]</p>	
<p>OMB No. 0651-0011 (exp. 4/94)</p>	

Do not detach this portion

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

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, DC 20231

04/18/2001 TDIAZI 00000213 071896 03821163  
01 FC:581 40.00 CH

Gray Cary/PA10137429.1  
2102475-991110

**PATENT**  
**REEL: 011681 FRAME: 0722**

11033 U.S. PTO  
09/02/163  
03/28/01

# A S S I G N M E N T

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 INTEGRATED CIRCUIT

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)

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 invention 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.

Gray Cary Ware & Freidenrich L. L. P., Patent Department-HV, 3340 Hillview Avenue, Palo Alto, California 94304

ASSIGNMENT

00S1401

Inventor: (Signature)

Date

Residence

TOSHIYUKI KOUCHI

MAR. 19. 2001

Yokohama-shi, Japan

Toshiyuki Kouchi

YOSHINORI SUGISAWA

MAR. 19. 2001

Ayase-shi, Japan

Yoshinori Sugisawa

Takehiko Hojo

MAR. 19. 2001

Yokohama-shi, Japan

Takehiko Hojo

RECORDING OFFICER:

After recording please return to:  
Gray Cary Ware & Fredenrich L. L. P.

10 Almaden Boulevard  
Suite 1400, San Jose  
CA 95113-2262