

07-17-1998

R

MRD 7-7-98



Attorney Docket No.: 5702D-6786

100766296

To the Assistant Commissioner for Patents: Please enclose the attached original documents or copy thereof.

10549 U.S. PTO  
09/111489  
07/07/98

1. Name of conveying party(ies):  
WATANABE, Hiroshi  
TAKEUCHI, Yuji  
SHIMIZU, Kazuhiro  
ARITOME, Seiichi  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Kabushiki Kaisha Toshiba  
72 Horikawa-cho, Saiwai-ku  
Kawasaki-shi, Japan  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date July 2, 1998

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 application, the execution date of the application is: July 2, 1998  
A. Patent Application No.(s)  
B. Patent No.(s)  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
William H. Wright, Esq.  
LOEB & LOEB LLP  
10100 Santa Monica Blvd., 22nd Floor  
Los Angeles, CA 90067-4164

6. Total number of applications and patents involved: [ 1 ]  
7. Total fee (37 CFR 3.41) \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
12-1820  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.*  
  
Date: July 7, 1998  
William H. Wright

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:  
07/15/1998 JMWTKINS 00000188 09111489 Assistant Commissioner for Patents  
01 FC:581 40.00 OP Box Assignments  
Washington, D.C. 20231

## 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:

### SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME

said application having been filed on \_\_\_\_\_  
and assigned Serial 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, contin-  
uations, 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 Assign-  
ment 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.

Loeb and Loeb LLP, 10100 Santa Monica Boulevard, Suite 2200,  
Los Angeles, California 90067-4164.

ASSIGNMENT

9880020

Inventor: (Signature) Date Residence

*Hiroshi Watanabe* JUL - 2. 1998 Yokohama-shi, Japan  
Hiroshi Watanabe

*Yuji Takeuchi* JUL - 2. 1998 Kawasaki-shi, Japan  
Yuji Takeuchi

*Kazuhiro Shimizu* JUL - 2. 1998 Yokohama-shi, Japan  
Kazuhiro Shimizu

*Seiichi Aritome* JUL - 2. 1998 Yokohama-shi, Japan  
Seiichi Aritome

RECORDING OFFICER:

After recording please return to:  
LOEB AND LOEB LLP  
Att: Intellectual Property Department

10100 SANTA MONICA BOULEVARD,  
SUITE 2200  
LOS ANGELES, CA 90067-4164