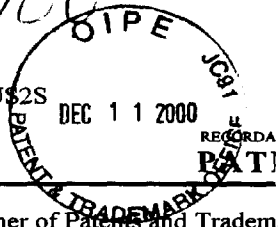


WRD 12/11/00

Atty Docket No.: 197802US\$2S

FORM PTO-1595  
1-31-92



12-22-2000



101560382

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

1. Name of conveying party(ies):

Wakako MORIYAMA, Naoki KAI, Hiroaki HAZAMA, Keiki NAGAI, Yuji FUKAZAWA, Kazuo SAKI, Yoshio OZAWA and Yasunasa SUIZU

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):

Name: KABUSHIKI KAISHA TOSHIBA

Address: 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan

Additional name(s) and address(es) attached?  Yes  No

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: October 17, 17, 17, 17, 17, 17, 17, 19, 2000

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:

A. Patent Application No.(s)  
09/670,520

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:



22850

6. Total 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: 15-0030  
(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 information is true and correct and any attached copy is a true copy of the original document.

Marvin J. Spivak

Name of Person Signing

Registration Number: 24,913

*Joseph A. Scafetta, Jr.*  
Signature

Joseph A. Scafetta, Jr.  
Registration No. 26,803

*Dec. 11, 2000*  
Date

Total number of pages including this cover sheet: 3

Do not detach this portion

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

12/21/2000 GT0M11 00000015 09670520  
01 FC:561 40.00 DP

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

# A S S I G N M E N T

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:

**METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICES USING  
THERMAL NITRIDE FILMS AS GATE INSULATING FILMS**

said application having been filed on **September 26, 2000**  
and assigned Serial No. **09/670,520** :

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.

Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755  
Jefferson Davis Highway, Arlington, Virginia 22202

# ASSIGNMENT

00S0816

Inventor: (Signature)	Date	Residence
<i>Wakako Moriyama</i> Wakako Moriyama	OCT. 17. 2000	Yokohama-shi, Japan
<i>Naoki Kai</i> Naoki Kai	OCT. 17. 2000	Chigasaki-shi, Japan
<i>Hiroaki Hazama</i> Hiroaki Hazama	OCT. 17. 2000	Hachioji-shi, Japan
<i>Keiki Nagai</i> Keiki Nagai	OCT. 17. 2000	Tokyo, Japan
<i>Yuji Fukazawa</i> Yuji Fukazawa	OCT. 17. 2000	Yokohama-shi, Japan
<i>Kazuo Saki</i> Kazuo Saki	OCT. 17. 2000	Yokohama-shi, Japan
<i>Yoshio Ozawa</i> Yoshio Ozawa	OCT. 17. 2000	Yokohama-shi, Japan
<i>Yasumasa Suizu</i> Yasumasa Suizu	OCT. 19. 2000	Oita-shi, Japan

RECORDING OFFICER:

After recording please return to:  
Oblon, Spivak, McClelland,  
Maier & Neustadt, P.C.,

Fourth Floor,  
1755 Jefferson Davis Highway,  
Arlington, Virginia 22202