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FORM PTO-1594
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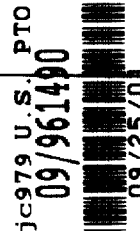


U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 04329.2676
CUSTOMER NUMBER: 22,852

101864149

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

ATTN. BOX ASSIGNMENTS



1. Name of conveying parties:

1. Hideshi MIYAJIMA
2. Nobuhide YAMADA
3. Nobuo HAYASAKA
4. Nobuyuki KURASHIMA

09/25/01

Additional name of conveying party attached? Yes No

2. Name and address of receiving party:

Name: Kabushiki Kaisha Toshiba

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name

Internal Address:

Street Address: 1-1 Shibaura 1-chome, Minato-Ku
Tokyo, JAPAN

City:

State: | Zip Code: |

Other

Execution Date: September 19, 2001

09/96 1490

Additional name & Address attached?
 Yes No

4. Application number or patent number: If this document is being filed together with a new application, the execution date of the application: September 19, 2001

A. Patent Application Number:
09/011,000

B. Patent Number:

Additional numbers attached? Yes No

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

Name: Mr. Ernest F. Chapman

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT
& DUNNER, L.L.P.

6. Total number of applications and registrations involved:
1

7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account

Street Address: 1300 I Street, N.W.

City: Washington

State: DC Zip: 20005-3315

8. Deposit account number: 06-0916

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.

Richard V. Burgujian *[Signature]* September 25, 2001
Reg. No. 31,744 Signature Date

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:

METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE

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
1-1 Shibaura 1-chome, Minato-Ku, Tokyo, 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.

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

ASSIGNMENT

01S0605

Inventor: (Signature)

Date

Residence

Hideshi Miyajima SEP 19 2001 Yokohama-shi, Japan
 Hideshi Miyajima

Nobuhide Yamada SEP 19 2001 Tokyo, Japan
 Nobuhide Yamada

Nobuo Hayasaka SEP 19 2001 Yokosuka-shi, Japan
 Nobuo Hayasaka

Nobuyuki Kurashima SEP 19 2001 Yokohama-shi, Japan
 Nobuyuki Kurashima

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