

09-16-2002

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Attorney Docket No. 04329.2910
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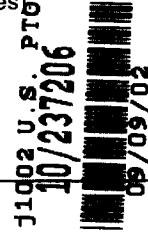
ATTN. BOX ASSIGNMENTS

To the Honorable Commissioner
Please record the attached origin

1. Name of conveying party(ies)
- 1) Hajime NAGANO
 - 2) Takashi YAMADA
 - 3) Tsutomu SATO
 - 4) Ichiro MIZUSHIMA
 - 5) Hisato OYAMATSU

09/09/02

2. Name and address of receiving party(ies)
- Name: KABUSHIKI KAISHA TOSHIBA



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

Internal Address:

3. Nature of conveyance:

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

Assignment Merger

City:

Security Agreement Change of Name

State: Zip Code:

Other:

Additional name(s) & Address(es) attached?

Execution Date: September 2, 2002

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: September 2, 2002

A. Patent Application Number(s):

B. Patent Number(s):

10/237206

Additional numbers attached? Yes No

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

6. Total number of applications and registrations involved: 1

Name: Mr. Ernest F. Chapman
09/11/2002 DLY111 00000029 10237206

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

03 FC:581

40.00 OP

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account

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

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

8. Deposit Account No.: 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
Reg. No. 31,744

September 9, 2002

Signature

Date

Total number of pages including cover sheet, attachments and documents: 3

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 DEVICE SUBSTRATE AND METHOD OF MANUFACTURING SEMICONDUCTOR
DEVICE SUBSTRATE**

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

02S0489

Inventor: (Signature)

Date

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