

12-29-2003



102633241

To the Honorable Commissioner of
Please record the attached original

ATTN. BOX ASSIGNMENTS RECORDATION
SERVICES

12-19-03

1. Name of conveying party(ies):
1) Koji USUDA
2) Shinichi TAKAGI

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: November 11, 2003

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:

A. Patent Application Number(s):

B. Patent Number(s):

10/627,648

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

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

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

Signature

December 19, 2003
Date

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

12/24/2003 ECODPER 00000028 10627648

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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, Toshiba Corporation, 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 APPARATUS

said application having been filed on **July 28, 2003**
and assigned Application No. **10/627,648** ;
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, 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
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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
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I hereby grant the following law firm the power to insert on this Assi-
gnment any further identification which may be necessary or desirable in
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Finnegan, Henderson, Farabow, Garrett & Dunner, L. L. P.,
1300 I Street, N. W., Washington, D. C., 20005-3315

ASSIGNMENT

03S0437

Inventor: (Signature)

Date

Residence

Koji Usuda

NOV. 11. 2003

Yokohama-shi, Japan

Koji Usuda

Shinichi Takagi

NOV. 11. 2003

Tokyo, Japan

Shinichi Takagi

RECORDING OFFICER:

After recording please return to:
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