

11-30-2006

FORM PTO-1595 (Rev. 07/05)
OMB No. 0651-0027
(exp 6/30/2008)

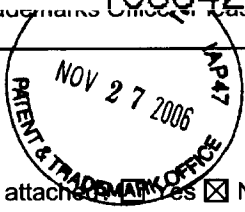


U.S. Department of Commerce
Patent and Trademark Office
Atty. Docket No. 04329.4010-00000
Atty. Customer Number: 22,852

103342497

To the Director of the U.S. Patents and Trademark Office, Washington, DC, for the original documents or copy thereof.

11-27-06



1. **Name of conveying party(ies):**
1. Tomoyasu KUDO
2. Kazutaka ISHIGO
Additional name(s) of conveying party(ies) attached Yes No

2. **Name and address of receiving party(ies):**
Name: KABUSHIKI KAISHA TOSHIBA
Internal Address:

3. **Nature of conveyance/Execution Date(s):**
Execution Dates(s) 1. October 30, 2006; 2. November 1, 2006
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

Street Address: 1-1, Shibaura 1-chome, Minato-ku
Tokyo 105-8001, JAPAN

City:

State: Zip Code:

Additional name(s) & Address(es) attached?
 Yes No

4. **Application number(s) or patent number(s):**
A. Patent Application Number(s):
11/582,348
Additional numbers attached? Yes No

This document is being filed together with a new application.
B. Patent Number(s):
 Yes No

5. **Name and address of to whom correspondence concerning document should be mailed:**
Name: Mr. Ernest F. Chapman
11/29/2006 DBYRNE 00000051 11582348
01 FC:8021 (40.00 DP)

6. **Total number of applications and registrations involved:** One (1)

7. **Total fee (37 CFR 3.41): \$40**
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed (Please charge deficiency to deposit account)
 None required (government interest not affecting title)

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.
Street Address: 901 New York Avenue, NW
City: Washington, D.C.
State: Zip: 20001-4413

8. **Payment Information**
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account No.: 06-0916
Authorized User Name _____

8. **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 ERNEST F. CHAPMAN
Date November 27, 2006

Typed Name of Signor
Total number of pages including cover sheet, attachments and documents: Three (3)

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, PO box 1450, Alexandria, VA 22313-1450

FPD/acd

PATENT
REEL: 018633 FRAME: 0689

In consideration of value received, I, having a residence as stated below above 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 FABRICATING THE SAME

sell and assign to
KABUSHIKI KAISHA TOSHIBA
 a Japanese corporation, having a business address at
 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, 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 United States patent application:

(check one) executed concurrently herewith
 executed on _____ ;
 Application No. _____ , filed _____ ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes 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 proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, 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.

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., 901 New York Avenue, NW
 Washington, D.C. 20001-4413

[1st Inventor]

Residence Address: Oita-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Tomoyasu Kudo

Tomoyasu Kudo

October 30, 2006

Date:

[2nd Inventor]

Residence Address: Yokohama-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Kazutaka Ishigo

Kazutaka Ishigo

November 1st, 2006

Date: