

06-29-2005

U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No.: 04329.3490  
Attorney Customer Number: 22,852

To the Honorable Commissioner of Pa  
Please record the attached original doc

103030910

ATTN. BOX ASSIGNMENTS

1. Name of conveying parties:

1) Katsuhiko HIEDA  
2) Daisuke HAGISHIMA

2. Name and address of receiving party:

Name: KABUSHIKI KAISHA TOSHIBA

Additional name of conveying party attached? ☐ Yes ☒ No

Internal Address:

3. Nature of conveyance:

Street Address: 1-1, Shibaura 1-chome, Minato-Ku,  
Tokyo 105-8001, Japan

☒ Assignment ☐ Merger

City:

☐ Security Agreement ☐ Change of Name

State:

Zip Code:

☐ Other:

Additional name &amp; Address attached?

Execution Date: Inventor 1: **March 8, 2005**; and  
Inventor 2: **March 2, 2005**

☐ 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:

A. Patent Application Number:

11/064,453

B. Patent Number:

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 &amp; DUNNER, L.L.P.

Street Address: 901 New York Ave., N.W.

City: Washington, D.C.

State: Zip: 20001-4413

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

June 23, 2005

Date

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

06/28/2005 ECDOPER 00000052 11064453

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(40.00 DP)

PATENT  
REEL: 016716 FRAME: 0566

# ASSIGNMENT

APG037318-USA-A  
(03S1824)

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 MANUFACTURE THEREOF

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

ASSIGNMENT

(03S1824)

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Katsuhiko Hieda

Katsuhiko Hieda

March 8, 2005

Date:

[2nd Inventor]

Residence Address: Tokyo, Japan

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Citizenship: Japan

Daisuke Hagishima

Daisuke Hagishima

March 02, 2005

Date: