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Attorney Docket No. 04329.4084  
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or the new address(es) below.

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- (3) Toshihiko IINUMA
- (4) Haruko AKUTSU
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Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) (1) January 11, 2007  
(2) January 15, 2007  
(3) January 15, 2007  
(4) January 15, 2007  
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- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

4. Application or patent number(s): ☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/644,887

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Mr. Ernest F. Chapman**  
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Fax Number: **(202) 408-4400**  
Email Address:

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ 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)

8. Payment Information

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9. Signature:

Signature

March 26, 2007

Date

ERNEST F. CHAPMAN

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Name of Person Signing

Reg. No. 25,961

Total number of pages including cover  
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03/28/2007 DBYRNE 00000060 11644887

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PATENT  
REEL: 019092 FRAME: 0665

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:

METHOD OF MANUFACTURE OF SEMICONDUCTOR DEVICE

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]

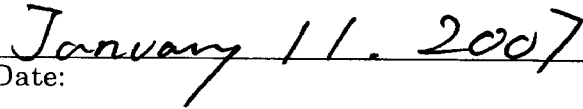
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Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
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Citizenship: Japan



Hiroshi Itokawa



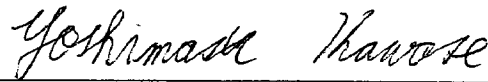
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## [2nd Inventor]

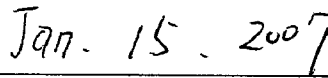
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Yoshimasa Kawase



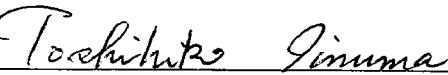
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## [3rd Inventor]

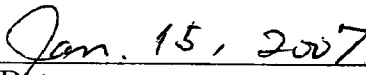
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## [4th Inventor]

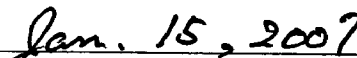
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Haruko Akutsu



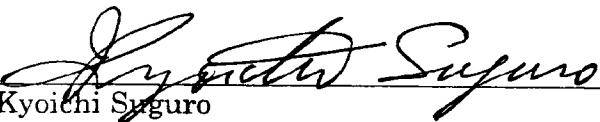
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## [5th Inventor]

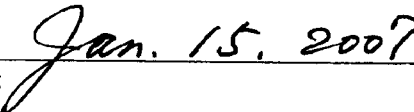
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Kyoichi Suguro



Date: