To the Honorable Commissioner of Patents and Trademarks,

Please record the attached original:

102020047

ATTN. BOX ASSIGNMENTS

1. Name of conveying parties:
   1) Shoji Seta
   2) Makoto Sekine
   3) Naofumi Nakamura

2. Name and address of receiving party:
   Name: KABUSHIKI KAISHA TOSHIBA
   Internal Address: 1-1 Shibaura 1-chome, Minato-ku
   Tokyo, JAPAN

3. Nature of conveyance:
   - Assignment
   - Merger
   - Security Agreement
   - Change of Name
   - Other
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   City: 
   State: 
   Zip Code: 
   Additional name & Address attached?
   Yes No
   Execution Date: February 25, 2002

4. Application number or patent number: If this document is being filed together with a new application, the execution date of the application:
   February 25, 2002

   A. Patent Application Number:
   B. Patent Number:
   Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Mr. Ernest F. Chapman
   03/06/2002 SZEWDEI1 00000045 10086556
   04 F21581 40.00 DP
   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

6. Total number of applications and registrations involved:
   1

7. Total fee (37 CFR 3.41): $40
   Enclosed (Please charge deficiency to deposit account)
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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. Burguiian
Registration No. 31,744

Signature: Date

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

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 04329.2753
Attorney Customer Number: 22,852

PATENT
REEL: 012671 FRAME: 0824
ASSIGNMENT

(0050007·CI)

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 MANUFACTURING METHOD OF THE SAME

sell and assign to

KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan,

their successors, and 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) [X] 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, 1300 I Street, N.W., Washington, D.C. 20005-3315
ASSIGNMENT

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