To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original document.

102020047

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:

   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:
   Additional numbers attached? ■ Yes ☑ No

B. Patent Number:

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

   Name: Mr. Ernest F. Chapman
   03/06/2002 S2EDWIE1 00000045 10086556
   04 2:1581 40,00 DP

   Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRET
   & 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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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
   Registration No. 31,744
   Signature
   March 4, 2002

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

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
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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
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I hereby grant the following law firm the power to insert on this Assignment any further identification
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Finnegan, Henderson, Farabow, Garrett & Dunner, 1300 I Street, N.W., Washington, D.C. 20005-3315
ASSIGNMENT

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Date:

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