



101832152

and original documents or copy thereof.

To the Honorable Commissioner of

1. Name of conveying party(ies):

Akito Hara  
Fumiyo Takeuchi  
Kenichi Yoshino  
Nobuo Sasaki

8/22/01

2. Name and address of receiving party(ies)

Name: Fujitsu Limited  
Internal Address:  
Street Address: 1-1, Kamikodanaka 4-chome,  
Nakahara-ku, Kawasaki, Kanagawa 211-8588 Japan

10971 U.S. PTO  
09/935090

Additional name(s) of conveying party(ies) attached? ( ) Yes (X) No

3. Nature of conveyance:

- (X) Assignment ( ) Merger
- ( ) Security Agreement ( ) Change of Name
- ( ) Other \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached: ( ) Yes (X) No

Execution Date: 8-10-01

09/935090

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 8-10-01

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ( ) Yes (X) No

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

Name: Patrick G. Burns  
Greer, Burns & Crain, Ltd.  
Internal Address: 300 South Wacker Drive  
25th Floor  
Chicago, Illinois 60606

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached: ( ) Yes (X) No

6. Total number of applications and patents involved: 1

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

(X) Enclosed

(X) Authorized to be charged to deposit account only in the event proper payment is not enclosed.

8. Deposit account number:

07-2069

(Attach duplicate copy of this page if paying by 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.

Patrick G. Burns  
Name of Person Signing

Signature

August 22, 2001  
Date

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

1117.65772

# UTILITY PATENT

## ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor or inventors (hereinafter called "ASSIGNOR")

Name: Akito HARA  
Address: C/O FUJITSU LIMITED,  
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Name: Nobuo SASAKI  
Address: C/O FUJITSU LIMITED,  
1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588 Japan

hereby assigns, transfers and sets over to:

Name: FUJITSU LIMITED  
Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588 Japan

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as:

SEMICONDUCTOR DEVICE, MANUFACTURING METHOD THEREFOR,  
AND SEMICONDUCTOR MANUFACTURING APPARATUS

for which a United States Patent Application was executed on even date herewith or, if not so executed, was:

- (a) executed on \_\_\_\_\_; or
- (b) filed on \_\_\_\_\_,  
Serial No. \_\_\_\_/\_\_\_\_\_;

and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, to sue for past infringement.

(1) The ASSIGNOR agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention.

(2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire

right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

(4) ASSIGNOR hereby grants to the law firm of GREER, BURNS & CRAIN, LTD. of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

Date August 10, 2001

Signature of inventor Akito Hara

Date August 10, 2001

Signature of inventor Fumiko Takeuchi

Date August 10, 2001

Signature of inventor Kenichi Yoshida

Date August 10, 2001

Signature of inventor Robuo Suzuki