

04-24-2003

HEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office



tab settings

To the Honorable Commissioner of

102428991

the attached original documents or copy thereof.

1. Name of conveying party(ies):

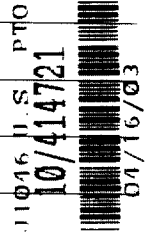
IGARASHI, Yasushi

4-16-03

2. Name and address of receiving party(ies):

Name: Oki Electric Industry Co., Ltd.

Address: 550-1, Higashi-asakawa, Hachioji



City: Tokyo

State/Prov.: _____

Country: Japan

ZIP: 193-8550

Additional names(s) of conveying party(ies)

Yes No

Additional name(s) & address(es)

Yes No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other

Execution Date: May 21, 2002

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

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.

Filing date

B. Patent No.(s)

10/154,824

May 28, 2002

Additional numbers

Yes No

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

Name: William S. Francos

Registration No. 38,456

Address: 12200 Sunrise Valley Drive

Suite 150

04/24/2003 EDOOPER 00000038 500238 10414721

01 FC1002 40.00 CH

City: Reston

State/Prov.: VA

Country: USA

ZIP: 20191

6. Total number of applications and patents involved:

1

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

50-0238

(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.

William S. Francos

April 16, 2003

Name of Person Signing

Signature

2

Date

Total number of pages including cover sheet, attachments, and

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Yasushi IGARASHI

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to Semiconductor device and manufacturing method thereof

- the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
- said application having been filed in the United States Patent and Trademark Office on, authorization being hereby given to my attorneys, **Raymond C. Jones and Adam C. Volentine** of **VOLENTINE FRANCOS, PLLC**, 12200 Sunrise Vally Drive Suite 150, Reston, Virginia 20191, to insert here in parentheses (Application Serial No. _____) the application serial number of said application when known;
- said application having been filed under the Patent Cooperation Treaty on _____ Serial No. _____, the United States of America being designated.

**AND WHEREAS Oki Electric Industry Co., Ltd.
of 7-12, Toranomom 1-chome, Minato-ku, Tokyo, Japan**

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, May 21, 2002.

WITNESS:

ASSIGNOR:

Signature: Toshiro Mitsubishi

Signature: Yasushi Igarashi
Name: Yasushi IGARASHI

VOLENTINE FRANCOS, PLLC

PATENT