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09/434487  
JCS11 U.S. PTO

MRD

**RECORDATION COVER SHEET - PATENT APPLICATION**

NAME OF CONVEYING PARTY : Shigeru YAMADA  
NAME OF RECEIVING PARTY : Oki Electric Industry Co., Ltd.  
ADDRESS OF RECEIVING PARTY : 7-12, Toranomom 1-chome, Minato-ku,  
Tokyo, Japan  
NATURE OF CONVEYANCE : Assignment of U.S. patent application  
CONVEYANCE EXECUTION DATE : March 31, 1999  
PATENT APPLICATION NO. : To Be Assigned  
APPLICATION FILED TOGETHER  
WITH THIS DOCUMENT : Yes  
APPLICATION EXECUTION DATE : March 31, 1999  
CORRESPONDENCE ADDRESS : RABIN & CHAMPAGNE, P.C.  
1725 K Street, N.W., Suite 1111  
Washington, D.C. 20006  
ATTORNEY REFERENCE : OKI 223  
TOTAL NUMBER OF PATENTS  
AND APPLICATIONS INVOLVED : One  
TOTAL FEE PAID : \$40.00  
METHOD OF PAYMENT : ☒ Enclosed  
☐ Authorized to be charged to  
deposit account

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40.00 OP

In the event there is attached hereto no check, or a check for an insufficient amount, please charge the fee to our Account No. 18-0002 and notify us accordingly.

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.

11/4/99

Date

Steven M. Rabin  
(Reg. No. 29,102)

SMR:vap

Total number of pages including cover sheet, attachments and document: 2

**PATENT**  
**REEL: 010387 FRAME: 0313**

**ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT****WHEREAS** Shigeru Yamada

hereinafter referred to collectively as the assignor, has invented a certain improvement

relating to SEMICONDUCTOR DEVICE

[x] 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, Steven M. Rabin, Thomas M. Champagne, and Robert H. Berdo, Jr. of RABIN, CHAMPAGNE &amp; LYNT, P.C., 1725 K Street, N.W., Washington, D.C. 20006, 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.

Oki Electric Industry Co., Ltd.**AND WHEREAS** 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, this 9th day of April, 1999.

WITNESSES:

ASSIGNOR:

Signature: Shinji OhuchiSignature: Shigeru YamadaName: Shinji OhuchiName: Shigeru YamadaAddress: c/o Oki Electric Industry Co., Ltd.7-12, Toranomom 1-chome, Minato-ku, Tokyo, Japan

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

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

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