

## RECORDATION CC



## **PLICATION**

102342828

ME OF CONVEYING PARTY

Yasufumi UCHIDA and Yoshimi EGAWA

NAME OF RECEIVING PARTY

OKI ELECTRIC INDUSTRY CO.,

LTD.

ADDRESS OF RECEIVING PARTY

7-12, Toranomon 1-chome

Minato-ku, Tokyo, Japan

NATURE OF CONVEYANCE

Assignment of U.S. Patent Application

**CONVEYANCE EXECUTION DATES** 

December 24 and 25, 2002

PATENT APPLICATION NO.

To be assigned

PATENT APPLICATION FILING DATE :

January 14, 2003

APPLICATION FILED TOGETHER

WITH THIS DOCUMENT

YES

APPLICATION EXECUTION DATES

December 24 and 25, 2002

CORRESPONDENCE

**ADDRESS** 

RABIN & BERDO, P.C.

1101 14th Street, N.W., Suite 500

Washington, DC 20005 (Customer No: 23995)

ATTORNEY REFERENCE

OKI 333

TOTAL NUMBER OF PATENTS

AND APPLICATIONS INVOLVED

One

TOTAL FEE PAID

\$40.00

METHOD OF PAYMENT

[X]**Enclosed** 

Authorized to be charged to

deposit account

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.

Robert H. Berdo, Jr. (Reg. No. 138,075)

January 14, 2003

Date

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

**PATENT** REEL: 013665 FRAME: 0013

Attorne	y Reference	

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Yasufumi UCHIDA and Yoshimi EGAWA				
hereinafter referred to collectively as the assignor, has invented a certain improvement				
relating to A 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, <b>Steven M. Rabin, Robert H.</b> Berdo, Jr. and Phillip G. Avruch of RABIN & BERDO, P.C, 1101 14th Street, Suite 500, Washington, D.C.				
20005, 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, Toranomon 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, <u>Lecember</u> 24, 2002				
WITNESS: ASSIGNOR:				
Signature: 2 Juliuhiro Mamada Signature: Yusufoumi Uchida				
Name: <u>Yasufumi UCHIDA</u>				

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## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 2 of 2

	EXECUTED, December 25 2002		
WITNESS:		ASSIGNOR:	
Signature:	Zukihiro Jamada	Signature: <u>joshimi</u> Name: <u>Yoshimi EGAWA</u>	Egawa
WITNESS:	EXECUTED,	ASSIGNOR:	
WITNESS:		ASSIGNOK.	
Signature:		Signature:	
	EXECUTED,		
WITNESS:		ASSIGNOR:	
Signature:		Signature:	

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**RECORDED: 01/14/2003** 

PATENT REEL: 013665 FRAME: 0015