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Patent and Trademark Office

*04-433*869 **.**

The dottings -	JJ0000
	s: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): MURAKAMI, Norio	Name and address of receiving party(ies): Name: Oki Electric Industry Co., Ltd.
UHMULLANLS	Address: 7-12, Toranonom 1-Chome, Minato-ku,
BANK CELIA	, and out and a description of the state of
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	
☐ Security Agreement ☐ Change of Name	City: Tokyo State/Prov.:
Other	Country: Japan ZIP:
Execution Date: October 20, 1999	_ Additional name(s) & address(es) ☐ Yes ☒ No
4. Application number(s) or registration numbers(s):	
 Application number(s) or registration numbers(s). If this document is being filed together with a new application 	on, the execution date of the application is: October 20, 1999
	B. Patent No.(s)
-	
NEW NOV. 4, 1999	
Additional number	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: ADAM C. VOLENTINE	7. Total fee (37 CFR 3.41):\$ 40.00
	Enclosed - Any excess or insufficiency should be
Registration No. 33,289	credited or debited to deposit account
Address: JONES VOLENTINE, LLP	Authorized to be charged to deposit account
12200 SUNRISE VALLEY DRIVE, SUITE 150	INE
	8. Deposit account number:
City: RESTON State/Prov.: VA	50-0238
Country: U.S.A. ZIP: 20191	
DON	NOT USE THIS SPACE
9. Statement and signature.	formation is true and correct and any attached copy is a true copy
To the best of my knowledge and belief, the leaguing in	/ / //
of the original document.	NOV. 4, 1999
of the original document. ADAM C. VOLENTINE	NOV. 4, 1999 Signature 3 Date

PATENT

REEL: 011151 FRAME: 0885

JONES, VOLENTINE, STEINBERG & WHITT, L.L.P. (1/99)

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) of Inventor(s)	Norio MURAKAMI
,	and
	the undersigned hereby sell(s) and assign(s) to
Insert Name(s) of Assignee(s)	Oki Electric Industry Co., Ltd.
Address	of 7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as
Title of Invention	VERTICAL TYPE INSULATED GATE TRANSISTOR
Date of Signing	for which an application for patent in the United States of America has been executed by the undersigned
of Application	onOctober 20,1999

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

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Steinberg, Reg. No. 34,735 and Stephen R. Whitt, Reg. No. 34,753, members of the firm of JONES, VOLENTINE, STEINBERG & WHITT, L.L.P. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Date October 20, 1999, Name of Inventor Norio MURAKAMI Date ______, Name of Inventor _____ Date ______, Name of Inventor ______ Date ______, Name of Inventor ______ Date ______, Name of Inventor ______ (Note regarding Witnessing and/or Acknowledgment: Acknowledgment before a United States Consul is preferred but not required. If not acknowledged, then it is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even if it has not been acknowledged and/or witnessed.) Witness Shoukichi Yoshitome Witness Toshifumi Kobe ACKNOWLEDGMENT This ______ day of ______, 19____, before me personally came the above-named to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth. Official Signature **SEAL** Official Title Applicant Reference No.: _____Atty Docket No.: _____ Serial No.:_____Filing Date:_____ Page 2 of 2

RECORDED: 11/04/1999

The undersigned hereby grant(s) to Raymond C. Jones, Reg. No. 34,631, Adam C. Volentine, Reg. No. 33,289, Neil A.

PATENT REEL: 011151 FRAME: 0887