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Attorney Docket No. 010456

101661251 RECORDATION FORM COVER SHEET **PATENTS ONLY**

MENT OF COMMERCE ent and Trademark Office

Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type: XX New

Conveyance type: XX Assignment

Conveying Party(ies):

First party

KITADA, Mizue Name:

February 16, 2001

Execution Date

(Last, First, Middle Initial)

Second party Name:

KUNORI, Sinji

February 16, 2001

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

Receiving Party (ies):

First party

Name: SHINDENGEN ELECTRIC MANUFACTURING CO., LTD.

Address: 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004, Japan

Additional name(s) & address(es) attached? Yes_ No XX

(Enter for the first Receiving Party only) **Domestic Representative Name and Address**

> ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP 1725 K Street, N.W., Suite 1000

Washington, D.C. 20006

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REEL: 011654 FRAME: 0577

Page 2				
Correspondent Name and Address ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006				
Pages Enter the total number of pages of the attached conveyance document:				
Application Number(s) or Patent Number(s) Additional numbers attached? Yes No _XX A. Patent Application No.(s) ## ##				
If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: February 16, 2001 (Do not recite both application and patent numbers.)				
Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned PCT PCT PCT PCT PCT PCT PCT PC				
Number of Properties Enter the total number of properties involved: 1				
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41)				
Authorized to be charged to Deposit Account No.: 01-2340				
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. Mel R. Quintos Name of Person Signing Signature				
March 30, 2001 Date 31,898 Registration No.				

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PATENT REEL: 011654 FRAME: 0578 Armstrong, Westerman, Hattori, McLeland & Naughton

Docket No.____

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

	on the analysighted inventor(s) (herematical Abbitonor) by		
(Insert ASSIGNEE's Name(s) Address(es)	SHINDENGEN ELECTRIC MANUFACTURING CO., LTD. 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 Japan		
	(hereinafter ASSIGNEE), the receip ASSIGNOR hereby sells, assigns an title and interest to the invention entit	ot of which is hereby acknowled transfers to ASSIGNEE the delay	edged, the undersigned entire and exclusive right,
(Title of Invention)	SEMICONDUCTOR DEVICE		
(*If the assignment is being filed after the filing of the application, this section must be completed)	* filed on, Serial No. (Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the		
	series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.		
	The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.		
	The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.		
	IN WITNESS WHEREOF, the usignature(s).		
Signatures)	Mizue Kitada (SIGNATURE)	Mizue Kitada (TYPE NAME)	16/Feb/200j (DATE)
	Shinji kunori (SIGNATURE)	Sinji Kunori (TYPE NAME)	16/ Feb. / 200 / (DATE)
	(SIGNATURE)	(TYPE NAME)	(DATE)
	(SIGNATURE)	(TYPE NAME)	(DATE)

NO LEAGALIZATION REQUIRED

RECORDED: 03/30/2001

(SIGNATURE)

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PATENT REEL: 011654 FRAME: 0579

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