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-92	PATENTS ONLY	Ì

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Mitsubishi Denki Kabushiki Kaisha Masahiko FUJISAWA Name: APR 1 1 2001 Address: 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN es No Additional name(s) of conveying party 4-11-01 3. Nature of Conveyance: □ Merger ■ Assignment □ Change of Name ☐ Security Agreement □ Other Additional name(s) and address(es) attached? □Yes ■No Execution Date: March 30, 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 09/305,283 Additional numbers attached? □Yes ■No 6. Total applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed ☐ Authorized to be charged to deposit account

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**PATENT** 

REEL: 011677 FRAME: 0722

	WHEREAS, I (WE) Masahiko FUJISAWA of c/o Mitsubishi Den	ki Kabushiki	Kais
SERT NAMES ID RESIDENCE DRESSES OF	2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN		
E INVENTORS:			
		_, respectively,	
T TITLE VENTION:	have invented certain new and useful improvements in:	- •	
	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME		
T DATE IN- ORS SIGNED ARATION:	for which an application for Letters Patent was executed on March 30, 1999		
	(Application No. 09/305, 283 , filed May 5, 1999	), and	
T NAME ADDRESS OF ANY OR R ASSIGNEE:	WHEREAS,Mitsubishi Denki Kabushiki Kaisha		
AUGIGITEE.	(hereinafter referred to as "ASSIGNEE") having a place of business at:		
	2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN		
	is desirous of acquiring the entire right, title and interest in and to said invention ar Letters Patent that may be granted therefore in the United States and its territorial posany and all foreign countries:	nd in and to any	

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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PATENT REEL: 011677 FRAME: 0723 I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date	March 30, 1999	Muschiko Fugisawa (Signature of Inventor) Masahiko FUJISAWA
Date	N 180	(Signature of Inventor) Masahiko FUJISAWA
Date:_		(Signature of Inventor)
		(Signature of Intellior)
Date:		(Signature of Inventor)
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Date:_		(Signature of Inventor)
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Date:_		(Signature of Inventor)
Date:		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

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