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FORM PTO-1596

03-28-2000

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 50090-184 PATEN	983 Patent and Trademark Office	
	Please record the attached original documents or copy thereto:	
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies):	
Takeshi KITANI	Name: Mitsubishi Denki Kabushiki Kaisha 🙎 📕	
	Address: 2-3, Marunouchi 2-chome, Chiyoda-ku	
Additional name(s) of conveying party(ies) attached? Yes	S. S	
3. Nature of Conveyance:	Tokyo 100-8310, JAPAN	
	1.00	
☐ Security Agreement ☐ Change of Name	ř =	
Other		
Execution Date: January 13, 2000		
, , ,	Additional name(s) & address(es) attached? Yes	
4. Application number(s) or patent number(s): 19 505	990	
If the document is being filed together with a new application,	the execution date of the application is: January 13, 2000	
A. Patent Application No(s).	B. Patent No(s).	
Additional numbers attached? Yes		
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	
concerning document should be mailed:		
Name: MCDERMOTT, WILL & EMERY	7. Total fee (37 CFR 3.41) \$40.00	
Internal Address:	☐ Enclosed	
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9. 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		
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$\mathcal{A} \rightarrow \mathcal{A} \cdot \mathcal{A}$		
Gene Z. Rubinson, 33,351	une 3. Rutinn February 17, 2000	
Name and Registration No. of Person Signing	Signature Date	
	Total number of pages comprising cover sheet: 1	
CMB No. 0851-0011 (exp. 4/94)		

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ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

Takeshi KITANI

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

Mitsubishi Denki Kabushiki Kaisha 2-3, Marunouchi 2-chome Chiyoda-ku, Tokyo 100-8310 **JAPAN**

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF

for which an application for United States Letters Patent was executed on even date herewith,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the international Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

RECORDED: 02/17/2000

DATE SIGNED

January 13 2000

Takeshi Kitani

PATENT REEL: 010632 FRAME: 0229