FOR 4 PTO-1596 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Patent and Tra	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Docket No.: 50090-169 101218436			
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy	thereto:	
1. Name of Conveying Party:	2. Name and address of receiving party:		
Hisayuki KATO	Name: Mitsubishi Denki Kabushiki Kaisha	o =	
	Address: 2-3, Marunouchi 2-chome	ā 🕳 🧱	
Additional name(s) of conveying party(ies) attached? Yes	Chiyoda-ku	14	
3. Nature of Conveyance: 12.1.99	Tokyo 100-8310, JAPAN	452	
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☐ Security Agreement ☐ Change of Name		10.55 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Other		, ,	
Execution Date: November 8, 1999			
	Additional name(s) & address(es) attached?		
4. Application number(s) or patent number(s): 09452	148		
If the document is being filed together with a new application, the execution date of the application is: November 8, 1999			
A. Patent Application No(s).	B. Patent No(s).		
Additional numbers attached?			
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	1	
concerning document should be mailed:			
Name: MCDERMOTT, WILL & EMERY	7. Total fee (37 CFR 3.41)	\$40.00	
Internal Address:	☐ Enclosed	-	
	Authorized to be charged to deposit account		
Street Address: 600 13th Street, N.W.	8. Deposit account number:		
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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.			
	A		
Stephen A. Becker, 26,527	December 1	, 1999	
Name and Registration No. of Person Signing	Signature Date		
	Total number of pages comprising cover sheet:	. [
CMB No. 0851-0011 (exp. 4/94)			

12/08/1999 DNGUYEN 00000168 500417 09452148 01 FC:581 40.00 CH

> PATENT REEL: 010418 FRAME: 0799

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,

Hisayuki KATO

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 METHOD OF MANUFACTURING THE SAME

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:

INVENTOR

DATE SIGNED

Nama

Iisayuki KATO

RECORDED: 12/01/1999

PATENT REEL: 010418 FRAME: 0800

November 8, 1999