01-26-2001 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No.: 50090-252 101593968 To the Honorable Commissioner for Pat ched original documents or copy thereto: 1. Name of Conveying Party(ies): 2. Name and address of receiving party(ies): Yoshikazu OHNO Mitsubishi Denki Kabushiki Kaisha Name: 2-3, Marunouchi 2-chome, Chiyoda-ku Address: Additional name(s) of conveying party(ies) attached? \(\bigcup \) Yes 3. Nature of Conveyance: Tokyo 100-8310, JAPAN Assignment Assignment Merger Change of Name Security Agreement Other Execution Date: October 20, 2000 Additional name(s) & address(es) attached? Yes 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: October 20, 2000 A. Patent Application No(s). B. Patent No(s). Additional numbers attached? Yes 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41) \$40.00 Name: MCDERMOTT, WILL & EMERY ☐ Enclosed Internal Address: Authorized to be charged to deposit account 600 13th Street, N.W. 8. Deposit account number: Street Address: 500417 Washington DC Zip: 20005 City: State: 00000211 500417 09755073 01/25/2001 DBYRNE DO NOT USE THIS SPACE 01 F9:581atement and sign store 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.

Signature

Total number of pages comprising cover sheet:

Stephen A. Becker, 26,527

Name and Registration No. of Person Signing

CMB No. 0851-0011 (exp. 4/94)

PATENT

REEL: 011450 FRAME: 0972

January 8, 2001

Date

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, Yoshikazu OHNO who has made a certain new and useful invention, hereby sells, assigns and transfers unto Mitsubishi Denki Kabushiki Kaisha 2-3. Marunouchi 2-chome Chivoda-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 MANUFACTURING METHOD AND SEMICONDUCTOR DEVICE 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

October 20, 2000

Name: Yos

Yoshikazu Ohno Yoshikazu OHNO

RECORDED: 01/08/2001

PATENT REEL: 011450 FRAME: 0973