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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002) 102	199913 Docket No. <u>740819-794</u>
To the Honorable Commissioner of Patents and Trademarks:  1. Name of conveying party(ies):  1) Yukihisa WADA  2) Satoshi KUME  8 - 19 - 7 Z—	Please record the attached original documents or copy thereof.  2. Name and address of receiving party(ies)  Name: Matsushita Electric Industrial Co., Ltd.  Internal Address:
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No  3. Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other	Street Address: 1006, Oaza Kadoma,  City: Kadoma-shi State: Osaka Zip:
Execution Date: 1) and 2) August 13, 2002	Country: <u>Japan</u> Postal Code: <u>571-8501</u> Additional name(s) & address(es) attached?   ✓ Yes □ No
<ol> <li>Application number(s) or patent number(s);</li> <li>If this document is being filed together with a new app</li> <li>A. Patent Application No.(s)</li> <li>10/152,341</li> </ol>	lication, the execution date of the application is:  B. Patent No.(s)
Additional numbers a	ttached? ☐ Yes ເພ No
5. Name and address of party to whom correspondence concerning document should be mailed: Attorney Name: Donald R. Studebaker Firm Name: Nixon Peabody LLP Internal Address: Suite 800 Street Address: 8180 Greensboro Drive, City: McLean State: VA Zip: 22102	7. Total number of applications and patents involved:   8. Total fee (37 CFR 3.41)\$40.00  Example Enclosed  ☐ Authorized to be charged to deposit account
6. Submission Type  ☑ New ☐ Resubmission (Non-Recordation) ☐ Document ID# ☐ Correction of PTO Error ☐ Reel # Frame # ☐ Corrective Document ☐ Reel # Frame #	9. Deposit account number:  19-2380 (740819-794)  (Attach duplicate copy of this page if paying by deposit account)
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true copy of the original document.	g information is true and correct and any attached copy is a  August 15, 2002
Donald R. Studebaker  Name of Person Signing	Signature Date
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CERTIFICA	TE OF MAILING S Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner  Name Katarzyna B. DeBuc

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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REEL: 013205 FRAME: 0245

Item 2. Additional Name and Address of Receiving Party(ies).

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

PATENT ... REEL: 013205 FRAME: 0246

## ASSIGNMENT

WHEREAS, <u>Yukihisa WADA and Satoshi KUME</u> (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in <u>METHOD FOR FABRICATING SEMICONDUCTOR DEVICE</u> for which the undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on May 22, 2002 having Serial No. 10/152,341 ; or
- (b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and
- WHEREAS, Matsushita Electric Industrial Co., Ltd. of

  1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan ; and

  Mitsubishi Denki Kabushiki Kaisha of

  2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, Japan ;
  their heirs, successors, legal representatives and assigns (hereinafter designated as the Assignees) are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignees the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignees may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignees in every way possible in obtaining and producing evidence and proceeding with such interference.

PATENT REEL: 013205 FRAME: 0247 The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignees and to vest all rights therein hereby conveyed to the Assignees as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignees, as Assignees of the entire interest, and hereby convenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: <u>August 13, 2002</u> ,	Yukihisa Wada
,	Yukihisa WADA
Date: August 13, 2002	
	Satoshi KUME
Date:,	
Date:,	
Date:	
Date:,	
Date:,	
Date:,	

**RECORDED: 08/19/2002** 

PATENT REEL: 013205 FRAME: 0248