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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1 Name of conveying party(ies):

Chrong Jung Lin
Sheng-Wei Tsao
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3/29/01

2 Name and address of receiving party(ies):

Taiwan Semiconductor Manufacturing
No. 121 Park Avenue 3
Science-Based Industrial Park
Hsin-Chu, Taiwan, R.O.C.

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09/02/1999
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3 Nature of conveyance:

- ☒ Assignment ☐ Merger
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☐ Other:
Execution Date: January 5, 2001

Additional name(s) & address(es) attached ☐ Yes ☒ No

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: 01-05-01

A. Patent Application No(s).

B. Patent No(s)

09821199

Additional numbers attached? ☐ Yes ☒ No

5 Name and address of party to whom correspondence concerning document should be mailed:

RANDY W. TUNG
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04/03/2001 BARRAHAI 00000043 09821199

02 FC:581

40.00 OP

6 Total number of applications and patents involved:

1

7 Total fee (37 CFR 3.41)

\$40.00

- ☒ 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 of the original document.

Randy W. Tung
Name of Person Signing
Registration No. 31,311

Signature

March 29, 2001
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

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67,200-366

PATENT
REEL: 011668 FRAME: 0626

ASSIGNMENT

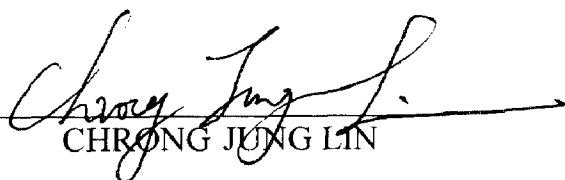
WHEREAS, we, CHRONG JUNG LIN, SHENG-WEI TSAO, DI-SON KUO, JACK YEH, WEN-TING CHU, CHUNG-LI CHANG and CHIA-TA HSIEH have invented certain improvements in VERTICAL SPLIT GATE FIELD EFFECT TRANSISTOR (FET) DEVICE AND METHOD FOR FABRICATION THEREOF for which we are about to make application for Letters Patent of the United States; and

WHEREAS, TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD. of No. 121, Park Avenue 3, Science-Based Industrial Park, Hsin-Chu, Taiwan, R.O.C, is desirous of acquiring the entire right, title and interest in and to said invention;

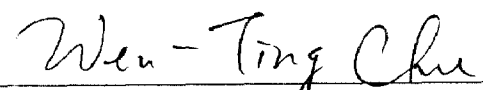
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, CHRONG JUNG LIN, SHENG-WEI TSAO, DI-SON KUO, JACK YEH, WEN-TING CHU, CHUNG-LI CHANG and CHIA-TA HSIEH, by these presents, do hereby sell, assign and transfer unto the said corporation and its assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest, including all priority rights under the International Convention associated with each country of the Union, in and to said invention as described in the patent application executed by us on the 5 day of January, 2001, preparatory to obtaining Letters


Patent of the United States thereon, and in and to said application and any Letters Patent that may be granted in pursuance of said application and any divisional, continuation or continuation-in-part application thereof, and in and to any reissue of any such patent, and in and to any patent applications which may be filed on said invention in countries foreign to the United States and any Letters Patent granted thereon.

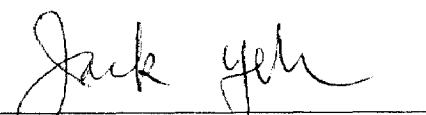
We further authorize said corporation to apply for foreign patents on said invention in its own name or through its designees, including subsidiaries, related companies or assignees, under the International Convention or otherwise, and we further agree to execute all papers, including those required for the United States and foreign applications, and to perform such other proper acts as said corporation or its designees the rights herein assigned.



CHONG JUNG LIN


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WEN-TING CHU


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