

02-21-2002



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To the Honorable Commissioner of Patents and Trademarks

attached original documents or copy thereof.

1 Name of conveying party(ies):

2-8-02

Shih-Hui Chen      Kuo-Hsu Huang  
 Chi-Hung Kao      Meng-Chyi Wu  
 Jeng Gong          Jia-Rong Yu

3 Nature of conveyance:

Assignment       Merger

Security Agreement       Change of Name

Other:  
 Execution Date: November 2, 2001

2 Name and address of receiving party(ies):

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

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

4 Application number(s) or patent number(s): 10,071,431

If this document is being filed together with a new application, the execution date of the application is: 11-02-01

A. Patent Application No(s).      B. Patent No(s)

Additional numbers attached?  Yes  No

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

RANDY W. TUNG  
 Tung & Associates  
 838 W. Long Lake Road  
 Suite 120  
 Bloomfield Hills, Michigan 48302

6 Total number of applications and patents involved: 1

7 Total fee (37 CFR 3.41) \$40.00

Enclosed

**Authorized to charge credit card (w/filing fee)**

8 Deposit Account Number:

(Attach duplicate copy of this page if paying by deposit account)

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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      February 8, 2002  
 Name of Person Signing      Date  
 Registration No. 31,311      Signature

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

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

2011 U.S. PTO 10/071431 02/08/02

ASSIGNMENT

WHEREAS, we, SHIH-HUI CHEN, CHI-HUNG KAO, JENG GONG, KUO-HSU HUANG, MENG-CHI WU and JIA-RONG YU, have invented certain improvements in  
LATERAL DOUBLE DIFFUSED METAL OXIDE SEMICONDUCTOR (LDMOS)  
DEVICE WITH ALIGNED BURIED LAYER ISOLATION LAYER  
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, SHIH-HUI CHEN, CHI-  
HUNG KAO, JENG GONG, KUO-HSU HUANG, MENG-CHI WU and JIA-RONG YU, 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 2nd day of  
November, 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.

Shih-hui Chen  
SHIH-HUI CHEN

Chi-Hung Kao  
CHI-HUNG KAO

Jeng Gong  
JENG GONG

Kuo-Hsu Huang  
KUO-HSU HUANG

Meng-Chi Wu  
MENG-CHI WU

Jia Rong Yu  
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