

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yun-Pei Huang</td> <td>10/20/2011</td> </tr> <tr> <td>Yi-Feng Chang</td> <td>09/26/2011</td> </tr> <tr> <td>Jam-Wem Lee</td> <td>09/26/2011</td> </tr> </tbody> </table>		Name	Execution Date	Yun-Pei Huang	10/20/2011	Yi-Feng Chang	09/26/2011	Jam-Wem Lee	09/26/2011				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Taiwan Semiconductor Manufacturing Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>No. 8, Li-Hsin Rd. 6</td> </tr> <tr> <td>Internal Address:</td> <td>Hsin-Chu Science Park</td> </tr> <tr> <td>City:</td> <td>Hsin-Chu</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> <tr> <td>Postal Code:</td> <td>300-77</td> </tr> </table>		Name:	Taiwan Semiconductor Manufacturing Co., Ltd.	Street Address:	No. 8, Li-Hsin Rd. 6	Internal Address:	Hsin-Chu Science Park	City:	Hsin-Chu	State/Country:	TAIWAN	Postal Code:	300-77
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (216)502-0601</p> <p>Phone: 216-502-0600</p> <p>Email: Docketing@eschweilerlaw.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: ESCHWEILER &amp; ASSOCIATES, LLC NATIONAL CI</p> <p>Address Line 1: 629 EUCLID AVE., SUITE 1000</p> <p>Address Line 4: CLEVELAND, OHIO 44114</p>													
ATTORNEY DOCKET NUMBER:	TSMCP103US												
NAME OF SUBMITTER:	Thomas G. Eschweiler												
Total Attachments: 5													

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**PATENT**  
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Filing Date: October 12, 2011

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

Assignor(s):

Yun-Pei Huang  
8F.-1, No.2, Ln. 62  
Changchun St., East Dist., Hsinchu City  
300, Taiwan (R.O.C.)

Assignor(s):

Yi-Feng Chang  
1F., No. 9, Ln. 12, Yanfeng St  
Tucheng Dist., Xinbei City 236  
Taiwan (R.O.C.)

Assignor(s):

Jam-Wern Lee  
2F., No. 92, Wenhua St.  
Zhubei City, Hsinchu County 302  
Taiwan (R.O.C.)

Assignee:

Taiwan Semiconductor Manufacturing Co., Ltd.  
No. 8, Li-Hsin Rd. 6, Hsin-Chu Science Park  
Hsin-Chu, Taiwan 300-77  
Republic of China

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled  
**“HIGH-VOLTAGE MOSFETS HAVING CURRENT DIVERSION REGION IN SUBSTRATE  
NEAR FIELDPLATE”** for which:

a non-provisional application for United States Letters Patent:

- ☐ was executed on even date preparatory to filing (each inventor should sign this  
Assignment on the same day as he/she signs the Declaration and Power of  
Attorney); or
- ☐ was filed on \_\_\_\_\_ and accorded U.S. Serial No. \_\_\_\_\_; or
- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby  
authorizes and requests ASSIGNEE'S legal representatives, the attorneys

Filing Date: October 12, 2011

associated with Customer No. 29393, to insert below in this document this APPLICATION's U.S. Serial Number and filing date, when known:

U.S. Serial No. 13/271,342,

filed on October 12, 2011.

WHEREAS, ASSIGNEE (listed above), a corporation of the Republic of China is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention and improvements, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for

U.S. Patent Appln. No.

Docket No. TSMCP103US .

Filing Date

United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

2011, 00, 20  
Date

Yun - Pei Huang  
Name 1<sup>st</sup> Inventor Yun-Pei Huang

U.S. Patent Appln. No.

Docket No. TSMCP103US

Filing Date

2011/9/26  
Date

Yi-feng, Chang  
Name 2<sup>nd</sup> Inventor Yi-Feng Chang

U.S. Patent Appln. No.

Docket No. TSMCP103US

Filing Date

Sep. 26. 2011  
Date

Jan - Wem Lee  
Name 3<sup>rd</sup> Inventor Jan-Wem Lee