

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hua-Chou TSENG</td> <td>04/09/2013</td> </tr> <tr> <td>Han-Chung LIN</td> <td>04/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	Hua-Chou TSENG	04/09/2013	Han-Chung LIN	04/09/2013
Name	Execution Date						
Hua-Chou TSENG	04/09/2013						
Han-Chung LIN	04/09/2013						
RECEIVING PARTY DATA							
Name:	Taiwan Semiconductor Manufacturing Co., Ltd.						
Street Address:	No. 8, Li-Hsin Road 6						
Internal Address:	Hsinchu Science Park						
City:	Hsin-Chu						
State/Country:	TAIWAN						
Postal Code:	300-77						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13861523</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13861523		
Property Type	Number						
Application Number:	13861523						
CORRESPONDENCE DATA							
Fax Number:	2156894905						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	2013.0111/1085.01207						
NAME OF SUBMITTER:	Mark J. Marcelli						
Signature:	/Mark J. Marcelli/						
Date:	04/12/2013						
Total Attachments: 2 source=ExecutedAssign#page1.tif source=ExecutedAssign#page2.tif							

CH \$40.00 13861523

Serial No. 13/861,523  
filed April 12, 2013

**ATTORNEY DOCKET NO.: 2013.0111/1085.01207**

**ASSIGNMENT AND AGREEMENT**

For value received, we, **Hua-Chou TSENG and Han-Chung LIN**, hereby transfer to **Taiwan Semiconductor Manufacturing Co., Ltd.**, with its principal place of business located at No. 8, Li-Hsin Road 6, Hsinchu Science Park, Hsin-Chu, Taiwan 300-77, Republic of China, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **JUNCTION FET SEMICONDUCTOR DEVICE WITH DUMMY MASK STRUCTURES FOR IMPROVED DIMENSION CONTROL AND METHOD OF MAKING THE SAME**, described in a non-provisional application claiming priority to **U.S. Provisional Application No. 61/781,955, filed March 14, 2013**, and under any and all Letters Patent and any divisions, continuations, continuations-in-part, reexamination certificates, reissues, and extensions thereof, or claiming priority therefrom that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Taiwan Semiconductor Manufacturing Co., Ltd. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Taiwan Semiconductor Manufacturing Co., Ltd. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Taiwan Semiconductor Manufacturing Co., Ltd. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Taiwan Semiconductor Manufacturing Co., Ltd. in the United States and in all countries foreign to the United States, or to such nominees as Taiwan Semiconductor Manufacturing Co., Ltd. may designate.

ATTORNEY DOCKET NO.: 2013.0111/1085.01207

We agree that, when requested, we shall, without charge to Taiwan Semiconductor Manufacturing Co., Ltd. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Inventor No. 1

✓  
Dated: 2013/04/09

✓  
Hua-Chou TSENG

Residence:

No. 1, Lane 62, Kuang-Hua Street, Hsin-Chu City, Taiwan, R.O.C.

Inventor No. 2

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Dated: 2013/04/09

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