

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ming-Huan Tsai</td> <td>06/09/2010</td> </tr> <tr> <td>Hui Ouyang</td> <td>06/09/2010</td> </tr> <tr> <td>Chun-Fai Cheng</td> <td>06/09/2010</td> </tr> <tr> <td>Wei-Han Fan</td> <td>06/09/2010</td> </tr> </tbody> </table>		Name	Execution Date	Ming-Huan Tsai	06/09/2010	Hui Ouyang	06/09/2010	Chun-Fai Cheng	06/09/2010	Wei-Han Fan	06/09/2010
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Wei-Han Fan	06/09/2010										
<b>RECEIVING PARTY DATA</b>											
Name:	Taiwan Semiconductor Manufacturing Company, Ltd.										
Street Address:	No. 8, Li-Hsin Road 6										
City:	Hsin-Chu										
State/Country:	TAIWAN										
Postal Code:	300-77										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12827344</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12827344						
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NAME OF SUBMITTER:	Rachel L.I. Davis										
Total Attachments: 3											

CH \$40.00 12827344

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**PATENT  
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**ASSIGNMENT**

WHEREAS, we,

- (1) Ming-Huan Tsai of 8F, No. 41, Guangming 6th Road  
Zhubei City, Hsinchu County 302, Taiwan, R.O.C.
- (2) Hui Ouyang of 7F, No. 288, Wenping Road  
Chubei City, Hsinchu County 302, Taiwan, R.O.C.
- (3) Chun-Fai Cheng of Fab 12, No. 8, Li-Hsin Road VI, SBIP  
Hsinchu, Taiwan, R.O.C.
- (4) Wei-Han Fan of 7F, No. 60, Lane 19, Guan-Hsin Road  
Hsin-Chu City, Taiwan, R.O.C.

have invented certain improvements in

**INTEGRATED CIRCUIT DEVICE WITH WELL CONTROLLED  
SURFACE PROXIMITY AND METHOD OF MANUFACTURING SAME**

for which we have executed an application for Letters Patent of the United States of America,

  X   of even date filed herewith; and  
           filed on 06-30-2010 and assigned application number 12/827,344; and

WHEREAS, we authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

WHEREAS, Taiwan Semiconductor Manufacturing Company, Ltd., ("TSMC"), No. 8, Li-Hsin Rd. 6, Science-Based Industrial Park Hsin-Chu, Taiwan 300-77, Republic of China. is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said TSMC, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said TSMC, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said TSMC, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said TSMC, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

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Inventor Name: Ming-Huan Tsai

Residence Address: 8F, No. 41, Guangming 6th Road Townshipshan District  
Zhubei City, Hsinchu County 302, Taiwan, R.O.C.

Dated: ✓ June 9, 2010

✓ Ming Huan Tsai  
Inventor Signature

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Inventor Name: Hui Ouyang

Residence Address: 7F, No. 288, Wenping Road  
Chubei City, Hsinchu County 302, Taiwan, R.O.C.

Dated: ✓ June 9, 2010

✓ Hui Ouyang  
Inventor Signature

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Inventor Name: Chun-Fai Cheng

Residence Address: Fab 12, No. 8, Li-Hsin Road VI, SBIP  
Hsinchu, Taiwan, R.O.C.

Dated: ✓ June 9, 2010

✓ Chun Fai Cheng  
Inventor Signature

Docket No.: 2010-0246 / 24061.1469


Customer No.: 42717

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Inventor Name: Wei-Han Fan

Residence Address: 7F, No. 60, Lane 19, Guan-Hsin Road  
Hsin-Chu City, Taiwan, R.O.C.

Dated: 2010'06'09

 Wei-Han Fan  
Inventor Signature