

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>Chih-Hao Wang</td> <td>05/16/2013</td> </tr> <tr> <td>Kuo-Cheng Ching</td> <td>05/16/2013</td> </tr> <tr> <td>Gwan Sin Chang</td> <td>05/16/2013</td> </tr> <tr> <td>Zhiqiang Wu</td> <td>05/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	Chih-Hao Wang	05/16/2013	Kuo-Cheng Ching	05/16/2013	Gwan Sin Chang	05/16/2013	Zhiqiang Wu	05/16/2013
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Gwan Sin Chang	05/16/2013										
Zhiqiang Wu	05/16/2013										
RECEIVING PARTY DATA											
Name:	Taiwan Semiconductor Manufacturing Company, Ltd.										
Street Address:	No. 8, Li-Hsin Rd. 6, Science-Based Industrial 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>13902322</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13902322						
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CORRESPONDENCE DATA											
Fax Number:	2142000853										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	24061.2471										
NAME OF SUBMITTER:	Linda Ingram										
Signature:	/Linda Ingram/										

PATENT

Date:

05/24/2013

Total Attachments: 3

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ASSIGNMENT

WHEREAS, we,

- | | | | |
|-----|-----------------|----|--|
| (1) | Chih-Hao Wang | of | 7F, No. 123-5, Lane 89, Section 1
Guang-Fu Road
Hsin-Chu, Taiwan R.O.C. |
| (2) | Kuo-Cheng Ching | of | 5F., No. 8-3, Guangming 9th Road
Zhubei City, Hsinchu County 302
Taiwan R.O.C. |
| (3) | Gwan Sin Chang | of | 6F., No. 25, Lane 28, Sec. 1, Tiedao Road
Hsinchu City, Taiwan R.O.C. |
| (4) | Zhiqiang Wu | of | 9F-7 No. 1 Aikou 1st Street
Chubei, Hsinchu County, Taiwan R.O.C. |

have invented certain improvements in

FINFET DEVICE AND METHOD OF FABRICATING SAME

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

_____ of even date filed herewith; and
 X filed on May 24, 2013, and assigned application number 13/902,322; 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.

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Customer No.: 000042717

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.

Inventor Name: Chih-Hao Wang

Residence Address: 7F, No. 123-5, Lane 89, Section 1, Guang-Fu Road
Hsin-Chu, Taiwan R.O.C.

Dated: 2013/5/16

Chih-Hao Wang
Inventor Signature

Inventor Name: Kuo-Cheng Ching

Residence Address: 5F., No. 8-3, Guangming 9th Road
Zhubei City, Hsinchu County 302, Taiwan R.O.C.

Dated: 2013/5/16

Kuo-Cheng Ching
Inventor Signature

Inventor Name: Gwan Sin Chang

Residence Address: 6F., No. 25; Lane 28, Sec. 1, Tiedao Road, Hsinchu City, Taiwan R.O.C.

Dated: 2013.05.16


Gwan-sin Chang
Inventor Signature

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Inventor Name: Zhiqiang Wu

Residence Address: 9F-7 No. 1 Aikou 1st Street, Chubei, Hsinchu County, Taiwan R.O.C.

Dated: 5/16/2013


Inventor Signature