

## PATENT ASSIGNMENT COVER SHEET

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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>TSUNG-YU CHIANG</td> <td>12/30/2013</td> </tr> <tr> <td>CHUNG-WEI LIN</td> <td>12/30/2013</td> </tr> <tr> <td>KUANG-HSIN CHEN</td> <td>12/31/2013</td> </tr> <tr> <td>BOR-ZEN TIEN</td> <td>12/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	TSUNG-YU CHIANG	12/30/2013	CHUNG-WEI LIN	12/30/2013	KUANG-HSIN CHEN	12/31/2013	BOR-ZEN TIEN	12/30/2013
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TSUNG-YU CHIANG	12/30/2013										
CHUNG-WEI LIN	12/30/2013										
KUANG-HSIN CHEN	12/31/2013										
BOR-ZEN TIEN	12/30/2013										
RECEIVING PARTY DATA											
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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>14142527</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14142527						
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Application Number:	14142527										
CORRESPONDENCE DATA											
Fax Number:	(703)205-8050										
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ATTORNEY DOCKET NUMBER:	0941-2890PUS1										
NAME OF SUBMITTER:	KARA E CRESTWELL										
Signature:	/kara e crestwell/										

Date:

02/10/2014

Total Attachments: 2

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## ASSIGNMENT

WHEREAS, Tsung-Yu CHIANG, Chung-Wei LIN, Kuang-Hsin CHEN, and Bor-Zen TIEN hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: MECHANISMS FOR FORMING FINFETS WITH DIFFERENT FIN HEIGHTS

Filed: December 27, 2013 Serial No. 14/142,527

Executed on: December 30 & 31, 2013

WHEREAS, Taiwan Semiconductor Manufacturing Co., Ltd. of No.8, Li-Hsin Road, 6, Science-Based Industrial Park, Hsin-Chu, Taiwan 300-77, R.O.C. hereinafter referred to as ASSIGNEES, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made; to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

ASSIGNMENT

2013, 12, 30

Date

Tsung-Yu Chiang

Name: Tsung-Yu CHIANG (Last name: CHIANG)

2013, 12, 30

Date

Chung-Wei Lin

Name: Chung-Wei LIN (Last name: LIN)

2013, 12, 31

Date

Kuang-Hsin Chen

Name: Kuang-Hsin CHEN (Last name: CHEN)

2013, 12, 30

Date

Bor-Zen Tien

Name: Bor-Zen TIEN (Last name: TIEN)