PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tzu-Chun LO	03/20/2013
Min-Hung CHENG	03/15/2013
Hsiao-Wei SU	03/15/2013
Jeng-Shiun HO	03/15/2013
Ching-Che TSAI	03/15/2013
Cheng-Cheng KUO	03/15/2013
Hua-Tai LIN	03/20/2013
Chia-Chu LIU	03/15/2013
Kuei-Shun CHEN	03/20/2013

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

Property Type	Number
Application Number:	13792923

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ATTORNEY DOCKET NUMBER:	2012.0750/1085.01063
NAME OF SUBMITTER:	Mark J. Marcelli
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Date:	04/24/2013

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Serial No. 13/792,923
filed March 11, 2013

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ASSIGNMENT AND AGREEMENT

For value received, we, **Tzu-Chun LO, Min-Hung CHENG, Hsiao-Wei SU, Jeng-Shiun HO, Ching-Che TSAI, Cheng-Cheng KUO, Hua-Tai LIN, Chia-Chu LIU and Kuei-Shun CHEN**, 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 **SEMICONDUCTOR FIN FORMATION METHOD AND MASK SET**, described in a non-provisional application 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.: 2012.0750/1085.01063

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.

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Dated: 2013.03.20

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