## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Ming-Feng Shieh	09/13/2010
Ya Hui Chang	09/13/2010
Ru-Gun Liu	09/17/2010
Tsong-Hua Ou	09/13/2010
Ken-Hsien Hsieh	09/13/2010
Burn Jeng Lin	09/23/2010

## **RECEIVING PARTY DATA**

Name:	Taiwan Semiconductor Manufacturing Company, Ltd.		
Street Address:	No. 8, Li-Hsin Road 6		
City:	Hsin-Chu		
State/Country:	TAIWAN		
Postal Code:	300-77		

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12892403

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 24061.1540

PATENT REEL: 025054 FRAME: 0864 > \$40.00 12892403

NAME OF SUBMITTER:	Eric Q. Li
Total Attachments: 3 source=1540_Assignment#page1.tif source=1540_Assignment#page2.tif source=1540_Assignment#page3.tif	

PATENT REEL: 025054 FRAME: 0865

Docket No.: 2010-0618 (-0619) / 24061.1540

Customer No.: 42717

## ASSIGNMENT

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(1)	Ming-Feng Shieh	of	No. 68, Lane 186, Shenglong Street Yongkang City, Tainan County 710, Taiwan, R.O.C.
(2)	Ya Hui Chang	of	12F-5, No. 419-1, Sec. 2, Gongdao 5 <sup>th</sup> Rd., East Dist. Hsinchu City 300, Taiwan , R.O.C.
(3)	Ru-Gun Liu	of	No. 9, Alley 19, Lane 452, Baoshan Road Hsinchu City 300, Taiwan R.O.C.
(4)	Tsong-Hua Ou	of	4F, No. 76, Hualing Street,, Shihlin District Taipei City 111, Taiwan R.O.C.
(5)	Ken-Hsien Hsieh	of	5F, No. 49, Sec. 2, Roosevelt Rd., Da-an District Taipei City 106, Taiwan, R.O.C.
(6)	Burn Jeng Lin	of	153 Guang Fu Rd., Section 1, Lane 89, 1 <sup>st</sup> Fl. Hsin-Chu, Taiwan, R.O.C.

have invented certain improvements in

### MULTIPLE EDGE ENABLED PATTERNING

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

<u>X</u>	of even date filed herewith; and				
	filed on <u>09-28-2010</u>	and assigned application number 12/892, 403	; 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 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,

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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.

Inventor Name:	Ming-Feng Shieh	
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Dated: <u>&gt;010, 9</u>	, / <u>3</u>	Ming-Feng Shieh Inventor Signature
Inventor Name:	Ya Hui Chang	
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Dated: <u> ১০ ( <sup>0</sup> </u>	. 13	Na Ru: Chang Inventor Signature
Inventor Name:	Ru-Gun Liu	<del></del>
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