## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Wen-Wei SHEN	12/29/2009
Chen-Shien CHEN	12/29/2009
Chen-Cheng KUO	12/29/2009
Chih-Hua CHEN	12/29/2009
Ching-Wen HSIAO	12/29/2009

#### **RECEIVING PARTY DATA**

Name:	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD.	
Street Address:	No. 8, Li-Hsin Rd. 6	
Internal Address:	Science-Based Industrial Park	
City:	Hsin-Chu	
State/Country:	TAIWAN	
Postal Code:	300-77	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12623925

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 24061.1366

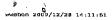
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**PATENT** 

NAME OF SUBMITTER:	David M. O'Dell
Total Attachments: 3 source=1366_assignment#page1.tif source=1366_assignment#page2.tif source=1366_assignment#page3.tif	

PATENT REEL: 023887 FRAME: 0897



Docket No.: 2009-0485 / 24061.1366

Customer No.: 42717

#### ASSIGNMENT

WHEREAS, v	٧e,
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(1)	Wen-Wei Shen	of	5F, No. 5, Alley 6, Lane 104, Zhongtai Street Xinzhuang City, Taipei County 242, Taiwan, R.O.C.
(2)	Chen-Shien Chen	of	6F, No. 98, Wenxiao Street Hsin-Chu County 302, Taiwan, R.O.C.
(3)	Chen-Cheng Kuo	of	#127-4, Wa-Shin Street Chu-Pei City, Shin-Chu County, Taiwan, R.O.C.
(4)	Chih-Hua Chen	of	9F, No. 32, Lioujia 7th Road Jhubei City, Hsinchu County 302, Taiwan, R.O.C.
(5)	Ching-Wen Hsiao	of	4F, No. 12-3, Alley 14, Zhongyi Lane, Xhongxiao Road Banqiao City, Taipei County 220, Taiwan, R.O.C.

have invented certain improvements in

### STRONG INTERCONNECTION POST GEOMETRY

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

	of even date filed herewith; and	
XX	filed on 11/23/2009 and assigned application number 12/623,925	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, R.O.C. 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 One Dollar (\$1.00) and other 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,

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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.

Ť	Inventor Name:	Wen-Wei Shen
Ι.	mvemoi mame.	wen-wei onen

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Dated:	2009. 12.20	Wen-W	ei Shen
-		Inventor Sign	ature

2. Inventor Name: Chen-Shien Chen

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Dated: 309 12. 9 Che She Che Inventor Signature

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**RECORDED: 02/02/2010**