Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hulin Chang	04/26/2007
Yung-Cheng Lu	04/26/2007
Syun-Ming Jang	04/26/2007

RECEIVING PARTY DATA

Name:	Taiwan Semiconductor Manufacturing Company, Ltd.	
Street Address:	No. 8, Li-Hsin Road 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:	11747105

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	24061.883
NAME OF SUBMITTER:	David M. O'Dell

PATENT REEL: 019277 FRAME: 0547

500274844

Total Attachments: 2

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PATENT REEL: 019277 FRAME: 0548

Docket No.: 2006-0906 / 24061.883

Customer No.: 42717

ASSIGNMENT

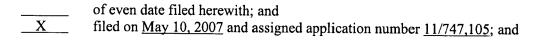
WHEREAS, we,

(1)	Huilin Chang	of	50 Ta-Hsueh Rd., 10F-4 Hsinchu 30050, Taiwan, R.O.C.
(2)	Yung-Cheng Lu	of	2F, No. 4, Ln. 114, Sec. 7, Chungshan N. Rd. Taipei, Taiwan, R.O.C.
(3)	Syun-Ming Jang	of	7F, 83 N. Kuan-Hua St. Hsin-Chu, Taiwan, R.O.C.

have invented certain improvements in

SELF-ALIGNED DIELECTRIC CAP

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



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 300, Taiwan, R.O.C., 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 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, 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.

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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:

Huilin Chang

Residence Address:

50 Ta-Hsuch Rd., 10F-4

Hsinchu 30050, Taiwan, R.O.C.

Dated: 1/26107

Huilin Chang Inventor Signature

Inventor Name:

Yung-Cheng Lu

Residence Address:

2F, No. 4, Ln. 114, Sec. 7, Chungshan N. Rd.

Taipei, Taiwan, R.O.C.

Dated: 4/26/07

nyentor Signature

Inventor Name:

Syun-Ming Jang

Residence Address:

7F, 83 N. Kuan-Hua St.

Hsin-Chu, Taiwan, R.O.C.

Dated: 4/16/07

Inventor Signature

R-883 - Assignment 4-23-07

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TOTAL P.06

RECORDED: 05/10/2007 REEL: 019277 FRAME: 0550