

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Yu Chao Lin</td> <td>08/06/2009</td> </tr> </tbody> </table>		Name	Execution Date	Yu Chao Lin	08/06/2009
Name	Execution Date				
Yu Chao Lin	08/06/2009				
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					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13408016</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13408016
Property Type	Number				
Application Number:	13408016				
CORRESPONDENCE DATA					
Fax Number:	(214)200-0853				
Phone:	214-651-5000				
Email:	ipdocketing@haynesboone.com				
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>					
Correspondent Name:	Haynes and Boone LLP				
Address Line 1:	2323 Victory Avenue				
Address Line 2:	Suite 700				
Address Line 4:	Dallas, TEXAS 75219				
ATTORNEY DOCKET NUMBER:	2008-0505-D/24061.2097				
NAME OF SUBMITTER:	David M. O'Dell				
Total Attachments: 1 source=2097LinAssignment#page1.tif					

OP \$40.00 13408016

ASSIGNMENT

WHEREAS, I, Yu Chao LIN, of Tainan County 717, Taiwan, R.O.C., has invented certain improvements in

METHODS OF FABRICATING HIGH-K METAL GATE DEVICES

for which I filed a patent application for letters patent in the United States of America on March 17, 2009, as U.S. Patent Application Serial No. 12/405,965.

WHEREAS, TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD., (hereinafter "ASSIGNEE", of 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, I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, 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 I 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 ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to said ASSIGNEE, 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 ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

First Inventor Name: Yu Chao LIN

Residence Address: No. 168, Sec. 1, Zhongheng Rd., Rende Township
Tainan County 717, Taiwan, R.O.C.

Dated: 2009/08/06

Yu Chao Lin
Inventor Signature

Dated: 2009/08/06

Hao-Ming Lien
Witness Signature
Witness Name: Hao-Ming Lien