

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MING ZHOU	02/11/2014
RECEIVING PARTY DATA	
Name:	SEMICONDUCTOR MANUFACTURING INTERNATIONAL (SHANGHAI) CORPORATION
Street Address:	18 ZHANGJIANG ROAD, PUDONG NEW AREA,
City:	SHANGHAI
State/Country:	CHINA
Postal Code:	201203
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14178494
CORRESPONDENCE DATA	
Fax Number:	
Phone:	571-379-9468
Email:	docketing@anovallaw.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	ANOVA LAW GROUP C/O SMIC
Address Line 1:	21351 GENTRY DRIVE
Address Line 2:	SUITE 150
Address Line 4:	STERLING, VIRGINIA 20166
ATTORNEY DOCKET NUMBER:	00158.0125.00US
NAME OF SUBMITTER:	GRACE GAO
Signature:	/Grace Gao/
Date:	02/12/2014
Total Attachments: 2 source=Assignment1580125#page1.tif source=Assignment1580125#page2.tif	

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## ASSIGNMENT

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as Assignor(s)) have made an invention entitled:

### SEMICONDUCTOR DEVICE INCLUDING POROUS LOW-K DIELECTRIC LAYER AND FABRICATION METHOD

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on \_\_\_\_\_ (Application No. \_\_\_\_\_); and

WHEREAS, Semiconductor Manufacturing International (Shanghai) Corporation, a corporation of P. R. China whose post office address is 18 Zhangjiang Road, Pudong New Area, Shanghai, China 201203 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional Application No. \_\_\_\_\_, filed \_\_\_\_\_ (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

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IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

Inventor:

Name: MING ZHOU  
Address: 18 Zhangjiang Road, Pudong New Area  
Shanghai, China 201203  
Signature: Ming Zhou  
Date: 2014-2-11