

PATENT ASSIGNMENT

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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>Lei Yuan</td> <td>11/21/2011</td> </tr> <tr> <td>Jin Cho</td> <td>11/22/2011</td> </tr> <tr> <td>Jongwook Kye</td> <td>11/21/2011</td> </tr> </tbody> </table>		Name	Execution Date	Lei Yuan	11/21/2011	Jin Cho	11/22/2011	Jongwook Kye	11/21/2011				
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>GLOBALFOUNDRIES Inc.</td> </tr> <tr> <td>Street Address:</td> <td>Maples Corporate Services Limited PO Box 309</td> </tr> <tr> <td>Internal Address:</td> <td>Ugland House</td> </tr> <tr> <td>City:</td> <td>Grand Cayman</td> </tr> <tr> <td>State/Country:</td> <td>CAYMAN ISLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>KY1-1104</td> </tr> </table>		Name:	GLOBALFOUNDRIES Inc.	Street Address:	Maples Corporate Services Limited PO Box 309	Internal Address:	Ugland House	City:	Grand Cayman	State/Country:	CAYMAN ISLANDS	Postal Code:	KY1-1104
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (480)385-5061 Phone: 4803855060 Email: docketing@ifllaw.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: INGRASSIA FISHER & LORENZ, P.C. Address Line 1: 7010 E. Cochise Road Address Line 4: Scottsdale, ARIZONA 85253</p>													
ATTORNEY DOCKET NUMBER:	089.0191 (CU082)												
NAME OF SUBMITTER:	James R. Walters												
<p>Total Attachments: 4 source=20120106_Assignment_CU082#page1.tif source=20120106_Assignment_CU082#page2.tif source=20120106_Assignment_CU082#page3.tif source=20120106_Assignment_CU082#page4.tif</p>													

OP \$40.00 13345388

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") have invented:

**SEMICONDUCTOR DEVICES HAVING DIELECTRIC CAPS ON CONTACTS AND RELATED
FABRICATION METHODS**

for which application for Letters Patent of the United States:

☐ has been executed on even date herewith;

☐ executed on _____;

☒ was filed on _____ and assigned U.S. Application Serial No. 13/245,383;

AND WHEREAS, GLOBALFOUNDRIES Inc., a ☒ corporation; ☐ partnership; individual ☐ having a place of business at Maples Corporate Services Limited, PO Box 309, Ugland House, Grand Cayman KY1-1104, Cayman Islands (hereinafter "ASSIGNEE"), and successors, assigns, and legal representatives, is desirous of acquiring an interest therein;

AND WHEREAS, a "formal application," as referred to herein, shall mean any provisional, nonprovisional, continuation, continuation in part, continued prosecution, substitute, renewal, extension, divisional, reissue, reexamination, foreign, Patent Cooperation Treaty (PCT) or other patent application, inventor's certificate, or like document;

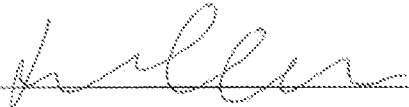
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid application, to the invention as described in the aforesaid application, and to any formal application which may be filed based in whole or in part on the aforesaid application, in the United States and all foreign countries, together with the right of priority under any international agreements to which the United States currently adheres and adheres to in the future, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND ASSIGNOR HEREBY AGREES to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the invention; and, without further remuneration, to provide all reasonable assistance and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve and/or acquire ASSIGNEE's full protection and title in and to the invention hereby transferred and any improvements therein,

ASSIGNOR AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of formal applications based on the invention or improvements therein, and the perfecting of title thereto in ASSIGNEE.

ASSIGNOR hereby authorizes GLOBALFOUNDRIES Inc., its successors and assigns, its legal representatives, or anyone it may properly designate, to insert in this instrument the filing date and/or serial number of said application when ascertained.

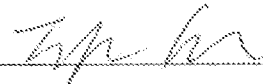
EXECUTED as of the date(s) written below by ASSIGNOR:

Inventor's Signature:  Date: 11/21/2011

Inventor's Printed Name: **Lei Yuan**

Inventor's Signature: _____ Date: _____

Inventor's Printed Name: **Jin Cho**

Inventor's Signature:  Date: 11/21/2011

Inventor's Printed Name: **Jongwook Kye**

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") have invented:

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AND ASSIGNOR HEREBY AGREES to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the invention; and, without further remuneration, to provide all reasonable assistance and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve and/or acquire ASSIGNEE's full protection and title in and to the invention hereby transferred and any improvements therein.

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Inventor's Printed Name: **Lei Yuan**

Inventor's Signature:  _____ Date: 11/22/2011

Inventor's Printed Name: **Jin Chu**

Inventor's Signature: _____ Date: _____

Inventor's Printed Name: **Jongwook Kye**