

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>Vivian W. Ryan</td> <td>06/27/2012</td> </tr> <tr> <td>Holm Geisler</td> <td>07/17/2012</td> </tr> <tr> <td>Dirk Breuer</td> <td>07/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Vivian W. Ryan	06/27/2012	Holm Geisler	07/17/2012	Dirk Breuer	07/11/2012
Name	Execution Date								
Vivian W. Ryan	06/27/2012								
Holm Geisler	07/17/2012								
Dirk Breuer	07/11/2012								
RECEIVING PARTY DATA									
Name:	GLOBALFOUNDRIES Inc.								
Street Address:	Maples Corporate Services Limited								
Internal Address:	PO Box 309, Ugland House								
City:	Grand Cayman								
State/Country:	CAYMAN ISLANDS								
Postal Code:	KY1-1104								
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>13560280</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13560280				
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Application Number:	13560280								
CORRESPONDENCE DATA									
Fax Number:	7139347011								
Phone:	7139344055								
Email:	mpaul@wmalaw.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:	J. Mike Amerson								
Address Line 1:	10333 Richmond, Suite 1100								
Address Line 4:	Houston, TEXAS 77042								
ATTORNEY DOCKET NUMBER:	2162.215200								
NAME OF SUBMITTER:	J. Mike Amerson								
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif									

CH \$40.00 13560280

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to GLOBALFOUNDRIES Inc. (the "Assignee"), having a business address of PO Box 309, Ugland House, Grand Cayman KY1-1104, Cayman Islands, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled REPAIRING ANOMALOUS STIFF PILLAR BUMPS , such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: Vivian W. Ryan
VIVIAN W. RYAN

Date: 6/27/2012

Signature: _____
HOLM GEISLER

Date: _____

Signature: _____
DIRK BREUER

Date: _____

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to GLOBALFOUNDRIES Inc. (the "Assignee"), having a business address of PO Box 309, Ugland House, Grand Cayman KY1-1104, Cayman Islands, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled **REPAIRING ANOMALOUS STIFF PILLAR BUMPS**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

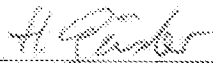
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TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: _____
VIVIAN W. RYAN

Date: _____

Signature: 
HOLM GEISLER

Date: 2012/07/17

Signature: 
DIRK BREUER

Date: 2012/07/17