

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Xunyuan Zhang</td> <td>01/28/2013</td> </tr> <tr> <td>Larry Zhao</td> <td>01/28/2013</td> </tr> <tr> <td>Ming He</td> <td>01/30/2013</td> </tr> <tr> <td>Sean Lin</td> <td>01/28/2013</td> </tr> <tr> <td>John Iacoponi</td> <td>01/29/2013</td> </tr> <tr> <td>Errol Todd Ryan</td> <td>01/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	Xunyuan Zhang	01/28/2013	Larry Zhao	01/28/2013	Ming He	01/30/2013	Sean Lin	01/28/2013	John Iacoponi	01/29/2013	Errol Todd Ryan	01/28/2013
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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>13757288</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13757288										
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Application Number:	13757288														
CORRESPONDENCE DATA															
Fax Number:	7139347011														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	7139344055														
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Correspondent Name:	J. Mike Amerson														
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Address Line 4:	Houston, TEXAS 77042														
ATTORNEY DOCKET NUMBER:	2162.227000														

CH \$40.00 13757288

NAME OF SUBMITTER:	J. Mike Amerson
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p><b>Total Attachments: 6</b> source=Declaration_and_Assignment#page1.tif source=Declaration_and_Assignment#page2.tif source=Declaration_and_Assignment#page3.tif source=Declaration_and_Assignment#page4.tif source=Declaration_and_Assignment#page5.tif source=Declaration_and_Assignment#page6.tif</p>	

**COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN  
APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

**Title of  
Invention**

METHODS OF FORMING CONDUCTIVE COPPER-BASED STRUCTURES USING A COPPER-BASED NITRIDE SEED LAYER WITHOUT A BARRIER LAYER AND THE RESULTING DEVICE

**DECLARATION**

As the below named inventor, I hereby declare that:

This declaration  
is directed to:



The attached application, or



United States application or PCT international application number \_\_\_\_\_ filed on  
\_\_\_\_\_

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the application and am aware of the duty to disclose to the US Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR § 1.56.

**ASSIGNMENT**

For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Uglund House, Grand Cayman KY1-1104 its successors and assigns, absolutely and forever, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue in the United States and/or any foreign countries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents and Applications, for the United States and all foreign countries, and all the rights and privileges relating thereto including but not limited to the priority rights arising from said Applications, the right to recover and take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, present and future infringement, and the right to apply for, take and maintain patents on said inventions.

**If any portion of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof shall nevertheless remain in full force and effect.**

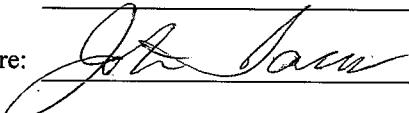
LEGAL NAME OF INVENTOR

Inventor: JOHN IACOPONI

Date :

11/29/13

Signature:



**Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional form for each additional inventor.**

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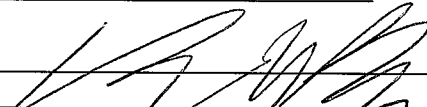
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LEGAL NAME OF INVENTOR

Inventor: MING HE

Date: 01/30/2013

Signature: 

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LEGAL NAME OF INVENTOR

Inventor: XUNYUAN ZHANG

Date: Jan. 28, 2013

Signature: 

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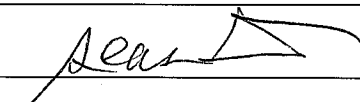
LEGAL NAME OF INVENTOR

Inventor: SEAN LIN

Date :

01-28-2013

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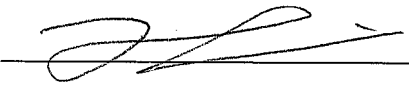
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LEGAL NAME OF INVENTOR

Inventor: LARRY ZHAO

Date: 4/28/2013

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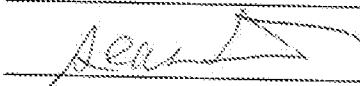
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