

## 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>Jody A. Fronheiser</td> <td>02/21/2013</td> </tr> <tr> <td>Jeremy A. Wahl</td> <td>02/21/2013</td> </tr> <tr> <td>Kerem Akarvardar</td> <td>02/21/2013</td> </tr> <tr> <td>Ajey P. Jacob</td> <td>02/22/2013</td> </tr> <tr> <td>Daniel T. Pham</td> <td>02/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jody A. Fronheiser	02/21/2013	Jeremy A. Wahl	02/21/2013	Kerem Akarvardar	02/21/2013	Ajey P. Jacob	02/22/2013	Daniel T. Pham	02/21/2013
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Daniel T. Pham	02/21/2013												
RECEIVING PARTY DATA													
Name:	GLOBALFOUNDRIES Inc.												
Street Address:	Maples Corporate Services Limited												
Internal Address:	PO Box 309, Uglan 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>13798616</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13798616								
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Application Number:	13798616												
CORRESPONDENCE DATA													
Fax Number:	7139347011												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	7139344055												
Email:	mpaul@wmalaw.com												
Correspondent Name:	J. Mike Amerson												
Address Line 1:	10333 Richmond, Suite 1100												
Address Line 4:	Houston, TEXAS 77042												
ATTORNEY DOCKET NUMBER:	2162.222100												
NAME OF SUBMITTER:	J. Mike Amerson												

CH \$40.00 13798616

This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 5**

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**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 A SEMICONDUCTOR DEVICE WITH A NANOWIRE CHANNEL  
STRUCTURE BY PERFORMING AN ANNEAL PROCESS

**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: JODY A. FRONHEISER

Date: 2/21/2013

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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LEGAL NAME OF INVENTOR

Inventor: KEREM AKARVARDAR

Date: 2/21/2013

Signature: 

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<b>Title of Invention</b>	METHODS OF FORMING A SEMICONDUCTOR DEVICE WITH A NANOWIRE CHANNEL STRUCTURE BY PERFORMING AN ANNEAL PROCESS
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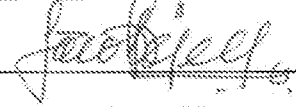
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**LEGAL NAME OF INVENTOR**

Inventor: AJEY P. JACOB

Date: 02/22/2013

Signature: 

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LEGAL NAME OF INVENTOR

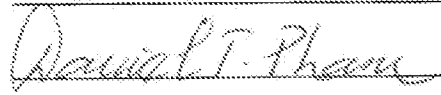
Inventor: JEREMY A. WAHL

Date: 2/24/12

Signature: *Jeremy A. Wahl*

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<b>LEGAL NAME OF INVENTOR</b>	
Inventor: DANIEL T. PHAM	Date: Feb. 21, 2013
Signature: 	
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PATENT

RECORDED: 03/13/2013

REEL: 029981 FRAME: 0300