

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2590509

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>XIUYU CAI</td> <td>10/14/2013</td> </tr> <tr> <td>RUILONG XIE</td> <td>10/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	XIUYU CAI	10/14/2013	RUILONG XIE	10/14/2013
Name	Execution Date						
XIUYU CAI	10/14/2013						
RUILONG XIE	10/14/2013						
RECEIVING PARTY DATA							
Name:	GLOBALFOUNDRIES INC						
Street Address:	PO BOX 309						
Internal Address:	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>14060874</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14060874		
Property Type	Number						
Application Number:	14060874						
CORRESPONDENCE DATA							
Fax Number:	(407)841-2343						
Phone:	407-841-2330						
Email:	creganoa@addmg.com						
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	CHRISTOPHER F. REGAN						
Address Line 1:	255 S. ORANGE AVE.						
Address Line 2:	STE. 1401						
Address Line 4:	ORLANDO, FLORIDA 32801						
ATTORNEY DOCKET NUMBER:	EU030 (52108)						
NAME OF SUBMITTER:	CHRISTOPHER F. REGAN						
Signature:	/CHRISTOPHER F. REGAN/						

Date:	10/24/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=52108assignGF#page1.tif source=52108assignGF#page2.tif	

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**

**SEMICONDUCTOR DEVICE INCLUDING VERTICALLY SPACED
SEMICONDUCTOR CHANNEL STRUCTURES AND RELATED METHOD**

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 any reissues, 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 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.

LEGAL NAME OF INVENTOR

Inventor: Xiuyu CAI

Date: 10/16/13

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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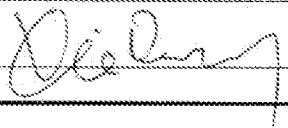
ASSIGNMENT

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 any reissues, 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 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.

LEGAL NAME OF INVENTOR

Inventor: Ruilong XIE

Date: 10/14/2013

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.