

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNOR 3 should be corrected to read Harry J. Levinson previously recorded on Reel 029806 Frame 0057. Assignor(s) hereby confirms the Henry J. Levinson.								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lei YUAN</td> <td>02/11/2013</td> </tr> <tr> <td>JONGWOOK KYE</td> <td>02/11/2013</td> </tr> <tr> <td>Harry J. LEVINSON</td> <td>02/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Lei YUAN	02/11/2013	JONGWOOK KYE	02/11/2013	Harry J. LEVINSON	02/11/2013
Name	Execution Date								
Lei YUAN	02/11/2013								
JONGWOOK KYE	02/11/2013								
Harry J. LEVINSON	02/11/2013								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Globalfoundries, Inc.								
<b>Street Address:</b>	MAPLES CORPORATE SERVICES LIMITED								
<b>Internal Address:</b>	P.O. BOX 309, UGLAND HOUSE,								
<b>City:</b>	Grand Cayman								
<b>State/Country:</b>	CAYMAN ISLANDS								
<b>Postal Code:</b>	KY1-1104								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13766141</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13766141				
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Application Number:	13766141								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	7035199958								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	7035199951								
<b>Email:</b>	docket@dcpatent.com								
<b>Correspondent Name:</b>	Ditthavong Mori & Steiner, P.C.								
<b>Address Line 1:</b>	44 Canal Center Plaza								
<b>Address Line 2:</b>	Suite 322								
<b>Address Line 4:</b>	Alexandria, VIRGINIA 22314								
<b>ATTORNEY DOCKET NUMBER:</b>	P6841US00								
<b>NAME OF SUBMITTER:</b>	Anita Pellman Gross								

OP \$40.00 13766141

**502232866**

**PATENT**  
**REEL: 029818 FRAME: 0929**

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**

METHOD FOR OFF-GRID ROUTING STRUCTURES UTILIZING SELF ALIGNED DOUBLE PATTERNING (SADP) TECHNOLOGY

**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, Uglan 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: Lei YUAN

Date : 02/11/2013

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.**

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

<b>Title of Invention</b>	METHOD FOR OFF-GRID ROUTING STRUCTURES UTILIZING SELF ALIGNED DOUBLE PATTERNING (SADP) TECHNOLOGY
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**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 \_\_\_\_\_

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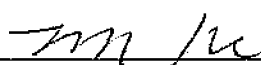
**ASSIGNMENT**

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, Uglan 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.

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LEGAL NAME OF INVENTOR

Inventor: Jongwook KYE Date: 2/11/2013

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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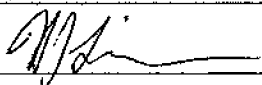
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For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Uglan House, Grand Cayman KY1-1104 its successors 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.

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**LEGAL NAME OF INVENTOR**

Inventor: Harry J. LEVINSON Date: 2/11/13

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.**

**United States Patent and Trademark Office**

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**PATENT ASSIGNMENT**

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Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
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Jongwook KYE	02/11/2013								
Henry J. LEVINSON	02/11/2013								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	GLOBALFOUNDRIES Inc.								
<b>Street Address:</b>	Maples Corporate Services Limited P.O. Box 309, Ugland House,								
<b>City:</b>	Grand Cayman								
<b>State/Country:</b>	CAYMAN ISLANDS								
<b>Postal Code:</b>	KY1-1104								
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<b>CORRESPONDENCE DATA</b>									

**PATENT****REEL: 029818 FRAME: 0934**

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**Phone:** 703.519.9951  
**Email:** docket@dcpatent.com  
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**Address Line 2:** Suite 322  
**Address Line 4:** ALEXANDRIA, VIRGINIA 22314

<b>ATTORNEY DOCKET NUMBER:</b>	P6841US00
<b>NAME OF SUBMITTER:</b>	Anita Pellman Gross
<b>Signature:</b>	/Anita Pellman Gross/
<b>Date:</b>	02/13/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 3</b> source=DU413A_P6841US00_Declaration_Assignment#page1.tif source=DU413A_P6841US00_Declaration_Assignment#page2.tif source=DU413A_P6841US00_Declaration_Assignment#page3.tif	
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