#### 503790848 04/20/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3837495

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
THOMAS N. ADAM	04/07/2016
KANGGUO CHENG	04/01/2016
ALI KHAKIFIROOZ	04/01/2016
JINGHONG LI	03/08/2016
ALEXANDER REZNICEK	04/01/2016

#### **RECEIVING PARTY DATA**

Name:	GLOBALFOUNDRIES INC.
Street Address:	P.O. BOX 309
Internal Address:	UGLAND HOUSE
City:	GRAND CAYMAN
State/Country:	CAYMAN ISLANDS
Postal Code:	KY1-1104

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14937029

## **CORRESPONDENCE DATA**

Fax Number: (518) 452 - 5579

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 518-452-5600 Email: sdm@hrfmlaw.com

HESLIN ROTHENBERG FARLEY & MESITI P.C. Correspondent Name:

Address Line 1: 5 COLUMBIA CIRCLE

Address Line 4: ALBANY, NEW YORK 12203

ATTORNEY DOCKET NUMBER:	FIS920110239US2/5120.066A
NAME OF SUBMITTER:	KEVIN P. RADIGAN, ESQ.
SIGNATURE:	/Kevin P. Radigan, Esq./
DATE SIGNED:	04/20/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

# Total Attachments: 5 source=H0566848#page1.tif source=H0566848#page2.tif source=H0566848#page3.tif source=H0566848#page4.tif source=H0566848#page5.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 STRUCTURE HAVING A SOURCE

## AND A DRAIN WITH REVERSE FACETS DECLARATION As the below named inventor, I hereby declare that: The attached application, or This declaration is directed to: United States application or PCT international application number 14/937,029, filed on November 10, 2015. 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, Ugland 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 Thomas N. ADAM Inventor: romos Idan 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)

	APPLICATION USING AN APPLICATION DATA SHEET (57 CFR 1.76)
Title of Invention	SEMICONDUCTOR STRUCTURE HAVING A SOURCE AND A DRAIN WITH REVERSE FACETS
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarat	
is directed to	United States application or PCT international application number 14/937,029, filed on November 10, 2015.
The above-io	dentified application was made or authorized to be made by me.
I believe tha	t I am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby ack	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by isonment of not more than five (5) years, or both.
I have revied Trademark (	wed and understand the contents of the application and am aware of the duty to disclose to the US Patent and Office all information known to me to be material to patentability as defined in 37 CFR § 1.56.
	ASSIGNMENT
hereby sell, Grand Cayn the inventio any foreign extensions t and Applica including by	d and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I assign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Ugland House, nan KY1-1104 its successors and assigns, absolutely and forever, my entire right, title and interest in and to n listed above, together with the Application, any and all Patents that may issue in the United States and/or countries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or hereof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents tions, for the United States and all foreign countries, and all the rights and privileges relating thereto at not limited to the priority rights arising from said Applications, the right to recover and take all such as may be necessary for the recovery of damages or otherwise in respect of past, present and future at, and the right to apply for, take and maintain patents on said inventions.
If any port shall never	ion of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof theless remain in full force and effect.
	AME OF INVENTOR  . Kangguo CHENG  Date: 4/1/2016

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.

Inventor: Signature:

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

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## SEMICONDUCTOR STRUCTURE HAVING A SOURCE

## AND A DRAIN WITH REVERSE FACETS DECLARATION As the below named inventor, I hereby declare that: The attached application, or This declaration is directed to: United States application or PCT international application number 14/937,029, filed on November 10, 2015. 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, Ugland 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 Date: 4,1,2016 Inventor: Signature:

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COMBINED DECLARATION and ASSIGNMENT (37 CFR L63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR L76)

	APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)
Title of Invention	SEMICONDUCTOR STRUCTURE HAVING A SOURCE AND A DRAIN WITH REVERSE FACETS
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarates directed to	
	November 10, 2015.
The above-id	lentified application was made or authorized to be made by me.
1 believe that	I am the original inventor or an original joint inventor of a claimed invention in the application.
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	ved and understand the contents of the application and am aware of the duty to disclose to the US Patent and office all information known to me to be material to patentability as defined in 37 CFR § 1.56.
	ASSIGNMENT
hereby sell, a Grand Caym the invention any foreign of extensions the and Applicate including but proceedings	d and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I assign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Ugland House, an KY1-1104 its successors and assigns, absolutely and forever, my entire right, title and interest in and to blisted above, together with the Application, any and all Patents that may issue in the United States and/or countries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or nereof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents tions, for the United States and all foreign countries, and all the rights and privileges relating thereto at not limited to the priority rights arising from said Applications, the right to recover and take all such as may be necessary for the recovery of damages or otherwise in respect of past, present and future t, and the right to apply for, take and maintain patents on said inventions.
	on of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof heless remain in full force and effect.
LEGAL NA	ME OF INVENTOR

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Inventor: Jinghong LI

## 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 STRUCTURE HAVING A SOURCE AND A DRAIN WITH REVERSE FACETS
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	
The above-ide	entified 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 ackn fine or impris	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by onment 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, Ugland 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 portions shall neverth	n of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect.
Inventor:	Date: Decid O1, 2016
Signature:	the state of the s

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.

PATENT REEL: 038327 FRAME: 0831

RECORDED: 04/20/2016