# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Michael Hargrove	07/19/2013
Yanxiang Liu	07/19/2013
Christian Gruensfelder	07/25/2013

## **RECEIVING PARTY DATA**

Name:	GLOBALFOUNDRIES Inc.
Street Address:	Maples Corporate Services Limited PO 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:	13955693

### **CORRESPONDENCE DATA**

Fax Number: 4803855061

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 4803855060

Email: mbartnek@ifllaw.com

Correspondent Name: INGRASSIA FISHER & LORENZ, P.C.

Address Line 1: 7010 E. Cochise Road
Address Line 4: Scottsdale, ARIZONA 85253

	PATENT
Signature:	/Christopher S. Andrzejak/
NAME OF SUBMITTER:	Christopher S. Andrzejak
ATTORNEY DOCKET NUMBER:	089.0318 (DU406)

REEL: 030916 FRAME: 0035

D \$40.00 13955693

Date:	07/31/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=20130731_Assignment_089-0318#page1.tif source=20130731_Assignment_089-0318#page2.tif source=20130731_Assignment_089-0318#page3.tif	

GF Ref. No.: DU406

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	INTEGRATED CIRCUITS HAVING FINFET SEMICONDUCTOR DEVICES AND METHODS OF FABRICATING THE SAME TO RESIST SUB-FIN CURRENT LEAKAGE
	DECLARATION
As the below	named inventor, I hereby declare that:
This declaration is directed to:	V V
	United States application or PCT international application number filed on
The above-id	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 ackr 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 review Trademark O	red and understand the contents of the application and am aware of the duty to disclose to the US Patent and ffice 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 portic shall nevert	on of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof neless remain in full force and effect.
LEGAL NA	ME OF INVENTOR
Inventor:	MICHAEL HARGROVE Date: 7/19/13
Signature	Michael Hargeove Date: 7/19/13
Note: An app Use an addition	lication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. mal form for each additional inventor.

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GF Ref. No.: DU406

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	INTEGRATED CIRCUITS HAVING FINFET SEMICONDUCTOR DEVICES AND METHODS OF FABRICATING THE SAME TO RESIST SUB-FIN CURRENT LEAKAGE
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	an No not introduce in investigation in
•	United States application or PCT international application numberfiled on
The above-id	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.
	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
hereby sell, a Grand Cayma the invention any foreign o extensions the and Applicati including but proceedings a	and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I ssign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Ugland House, in KY1-1104 its successors and assigns, absolutely and forever, my entire right, title and interest in and to listed above, together with the Application, any and all Patents that may issue in the United States and/or puntries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or ereof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents ons, for the United States and all foreign countries, and all the rights and privileges relating thereto not limited to the priority rights arising from said Applications, the right to recover and take all such 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.	
	AE OF INVENTOR
Inventori	
Signature:	
	ication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. usl form for each additionsi inventor.

GF Ref. No.: DU406

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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	United States application or PCT international application number filed on
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.
	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.
	ed and understand the contents of the application and am aware of the duty to disclose to the US Patent and ffice all information known to me to be material to patentability as defined in 37 CFR § 1.56.
	ASSIGNMENT
hereby sell, as Grand Cayma the invention any foreign or extensions the and Applicati- including but proceedings a	and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, 1 sign, transfer, to GLOBALFOUNDRIES (no. having a business address of PO Box 309, Ugland House, in KY1-1104 its successors and assigns, absolutely and forever, my entire right, title and interest in and to listed above, together with the Application, any and all Patents that may issue in the United States and/or puntries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or proof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents cons, for the United States and all foreign countries, and all the rights and privileges relating thereto 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 and the right to apply for, take and maintain patents on said inventions.
	n of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect.
LEGAL NAN	de öf inventor
Inventor:	CHRISTIAN GRUENGTEWER Date: 07/25/2018
Signature:	
	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. 121 form for each additional inventor.

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**RECORDED: 07/31/2013**