10/25/2018 505158310

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5205077

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUI ZANG	10/23/2018
HAITING WANG	10/23/2018
CHUNG FOONG TAN	10/24/2018
GUOWEI XU	10/23/2018
RUILONG XIE	10/23/2018
SCOTT H. BEASOR	10/23/2018
LIU JIANG	10/23/2018

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:	16170117

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: ptocommunications@hoffmanwarnick.com,

dcole@hoffmanwarnick.com

HOFFMAN WARNICK LLC **Correspondent Name:**

Address Line 1: 540 BROADWAY

Address Line 4: ALBANY, NEW YORK 12207

ATTORNEY DOCKET NUMBER:	KMLT177-US-NP
NAME OF SUBMITTER:	JUSTINE M. WILBUR
SIGNATURE:	/Justine M. Wilbur/

PATENT REEL: 047306 FRAME: 0194

505158310

Total Attachments: 7
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Title of Invention	FINFET STRUCTURE WITH DIELECTRIC BAR CONTAINING GATE TO REDUCE EFFECTIVE CAPACITANCE, AND METHOD OF FORMING SAME
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarat	
	United States application or PCT international application number filed on
The above-id	dentified 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.
	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine nent of not more than five (5) years, or both.
	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, a HOUSE, GR entire right, t may issue in continuation- inventions or and privilege recover and t	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 CAYMAN, CAYMAN ISLANDS KY1-1104 its successors and assigns, absolutely and forever, my title and interest in and to the invention listed above, together with the Application, any and all Patents that the United States and/or any foreign countries, and any reissues, re-examinations, renewals, continuations, -in-parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the ontained in said Patents and Applications, for the United States and all foreign countries, and all the rights are relating thereto including but not limited to the priority rights arising from said Applications, the right to take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, future infringement, 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.
ROUREGUESCOCCOCCOCCOCCOCC	`
	ME OF INVENTOR Hui Zang Date: 10/23/20/8
Inventor:	Hui Zang Date: 10/23/2010
Signature	

COMBINE	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	FINFET STRUCTURE WITH DIELECTRIC BAR CONTAINING GATE TO REDUCE EFFECTIVE CAPACITANCE, AND METHOD OF FORMING SAME	
	DECLARATION	
As the below	named inventor, I hereby declare that:	
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	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	
Inventor:	Haiting Wang Date: 10 (23 18	
Signature	: Houting	
	lication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. mal 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)	
Title of Invention FINFET STRUCTURE WITH DIELECTRIC BAR CONTAINING GAT REDUCE EFFECTIVE CAPACITANCE, AND METHOD OF FORMING SA	
DECLARATION	
As the below named inventor, I hereby declare that:	
This declaration	
United States application or PCT international application number filed o	ас
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 or imprisonment of not more than five (5) years, or both.	by fine
I have reviewed and understand the contents of the application and am aware of the duty to disclose to the US Pate Trademark Office all information known to me to be material to patentability as defined in 37 CFR § 1.56.	ent and
ASSIGNMENT	
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledge hereby sell, assign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO BOX 309, UGLANE HOUSE, GRAND CAYMAN, CAYMAN ISLANDS KY1-1104 its successors and assigns, absolutely and foreve entire right, title and interest in and to the invention listed above, together with the Application, any and all Patent may issue in the United States and/or any foreign countries, and any reissues, re-examinations, renewals, continua continuation-in-parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest inventions contained in said Patents and Applications, for the United States and all foreign countries, and all the right privileges relating thereto including but not limited to the priority rights arising from said Applications, the right recover and take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of present and future infringement, and the right to apply for, take and maintain patents on said inventions.	or, my s that stions, st to the ights ght to
If any portion of this Combined Declaration or Assignment is held unenforceable, then remaining portions shall nevertheless remain in full force and effect.	hereof
LEGAL NAME OF INVENTOR	nnnnnnnnnnnnnnn
Inventor: Chung Foong Tan Date: 10 24 20 8	Autom
Signature: AM	
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany thi Use an additional form for each additional inventor.	is form.

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) FINFET STRUCTURE WITH DIELECTRIC BAR CONTAINING GATE TO Title of REDUCE EFFECTIVE CAPACITANCE, AND METHOD OF FORMING SAME Invention DECLARATION As the below named inventor, I hereby declare that: This declaration The attached application, or is directed to: United States application or PCT international application number 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, CAYMAN ISLANDS 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: 13/23/2018 Inventor: Guowei Xu 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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I have review Trademark O	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.
2007	ASSIGNMENT
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~~~~	
LEGAL NAN	ME OF INVENTOR
Inventor:	Ruilong Xie Date: 10/23/20/8
Signature:	
Note: An appli Use an addition	ication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, nal form for each additional inventor.

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LEGAL NA	ME OF INVENTOR
Inventor:	Scott H. Beasor Date: 10/23/2018
Signature	Sont for

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7 A	ion of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof theless remain in full force and effect.
LEGAL NA	AME OF INVENTOR
Inventor:	Liu Jiang Date: Lol 18
	e: Tiagli

PATENT REEL: 047306 FRAME: 0202

**RECORDED: 10/25/2018**