505271270 01/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5318042

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUI ZANG	01/04/2019
GUOWEI XU	01/04/2019
JIEHUI SHU	01/04/2019
RUILONG XIE	01/04/2019
YURONG WEN	01/08/2019
GARO J. DERDERIAN	01/04/2019
SHESH M. PANDEY	01/04/2019
LAERTIS ECONOMIKOS	01/09/2019

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:	16244169

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

Correspondent Name: HOFFMAN WARNICK LLC Address Line 1: **540 BROADWAY**

Address Line 4: ALBANY, NEW YORK 12207

ATTORNEY DOCKET NUMBER: KMLT088-US-NP

NAME OF SUBMITTER: SPENCER K. WARNICK

SIGNATURE:	/Spencer K. Warnick/
DATE SIGNED:	01/10/2019
Total Attachments: 8	
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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 VERTICAL RESISTOR ADJACENT INACTIVE GATE OVER TRENCH	
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 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, 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	
Inventor: Hui Zang Date: 6 / 04 / 2019	
Signature: Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	

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Inventor: Guowei Xu Date: Q Date 9	
Inventor: Guowei Xu Date: O o o o o o o o o o o o o o o o o o o	
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LEGAL NAME OF INVENTOR	
Inventor: Jiehui Shu Date: 1/4/20/9	
Signature:	
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)	
Title of ISOLATION VERTICAL RESISTOR ADJACENT INACTIVE GATE OVER TRENCE INVESTIGATION	
DECLARATION	
As the below named inventor, I hereby declare that:	
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United States application or PCT international application numberfiled on	
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LEGAL NAME OF INVENTOR	
Inventor: Ruilong Xie Date: 104 20/	
Signature:	
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	

PATENT

REEL: 047948 FRAME: 0315

Title of Invention	VERTICAL RESISTOR ADJACENT INACTIVE GATE OVER TRENCI ISOLATION
	DECLARATION
As the below	named inventor, I hereby declare that:
Phis declarar is directed to	
	United States application or PCT international application numberfiled on
The above-id	entified application was made or authorized to be made by me.
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Thereby ackr or imprisons	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by finates that five (5) years, or both.
	red 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 § 1.36.
	ASSIGNMENT
hereby sell, a HOUSE, GR course right, to may issue in continuation-inventions or and privilege recover and t	ASSIGNMENT I 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 AND CAYMAN, CAYMAN ISLANDS KY1-1104 its successors and assigns, absolutely and forever, my life 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 obtained in said Patents and Applications, for the United States and all foreign countries, and all the rights is relating thereto including but not limited to the priority rights arising from said Applications, the right to ake all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, uture infringement, and the right to apply for, take and maintain patents on said inventions.
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LEGAL NAME OF INVENTOR Inventor: Garo J. Derderian Date: ///9 Signature: Julium Date: ////9 Note: An application data sheet #TO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional form for each additional inventor.	

COMBINE	D DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)
Title of Invention	VERTICAL RESISTOR ADJACENT INACTIVE GATE OVER TRENCH ISOLATION
	DECLARATION
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This declarati	3/ N
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LEGAL NAS	IE OF INVENTOR
Inventor: Signature:	Shoots M. Panday Dobr: Olling 19219
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Note: An application data sheet (PTONI/14 or eqhiralent), including maning the entire inventive and PATENT squary this form.

Use an additional form for each additional inventor.

REEL: 047948 FRAME: 0348

Title of Invention	VERTICAL RESISTOR ADJACENT INACTIVE GATE OVER TRENCH ISOLATION
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LEGAL NA!	Laertis Economikos Date: 1-9-2019

PATENT REEL: 047948 FRAME: 0319

RECORDED: 01/10/2019