505464806 05/08/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5511609

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JULIEN FROUGIER	05/06/2019
RUILONG XIE	05/06/2019
KANGGUO CHENG	05/06/2019
CHANRO PARK	05/06/2019

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:	16406071

CORRESPONDENCE DATA

Fax Number: (410)630-1656

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.

Phone: 410-705-6400

Email: baumann@gibbiplaw.com

Correspondent Name: GIBB & RILEY, LLC 537 RITCHIE HIGHWAY Address Line 1:

SUITE 2F Address Line 2:

Address Line 4: SEVERNA PARK, MARYLAND 21146

ATTORNEY DOCKET NUMBER:	KALB124-US-NP
NAME OF SUBMITTER:	PAMELA M. RILEY
SIGNATURE:	/Pamela M. Riley/
DATE SIGNED:	05/08/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 049109 FRAME: 0379

505464806

Total Attachments: 4

source=KALB124-US-NP_Declaration-Assignment_05-07-2019#page1.tif source=KALB124-US-NP_Declaration-Assignment_05-07-2019#page2.tif source=KALB124-US-NP_Declaration-Assignment_05-07-2019#page3.tif source=KALB124-US-NP_Declaration-Assignment_05-07-2019#page4.tif

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)	
GATE-ALL-AROUND FIELD EFFECT TRANSISTORS WITH INNER SPACE AND METHODS	RS
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 numberfiled on	
The above-identified application was made or authorized to be made by me.	
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 (8 U.S.C. 1001 by or imprisonment of not more than five (5) years, or both.	line
I have reviewed and understand the contents of the application and am aware of the duty to disclose to the US Patent a Trademark Office all information known to me to be material to patentability as defined in 37 CFR § 1.56,	nd
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 FOUNDRIES Inc. having a business address of PO BOX 309, UGLAND FOUNDRIES. The continuation of the property of the successors and assigns, absolutely and fotever, mentive 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, continuation continuation-in-parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to 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.	t i, the
ff any portion of this Combined Declaration or Assignment is held unenforceable, then remaining portions here shall nevertheless remain in full force and effect.	of
LEGAL NAME OF INVENTOR	\dashv
Investor: Julien Protegier Date: 05/06/2013	
Signature: And	
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this for Use an additional form for each additional inventor.	n.

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	GATE-ALL-AROUND FIELD EFFECT TRANSISTORS WITH INNER SPACERS AND METHODS
	DECLARATION
As the below n	named inventor, I hereby declare that:
This declaration is directed to:	m The attached application, or
	United States application or PCT international application number filed on
The above-ider	ntified 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 ackno or imprisonmen	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine nt of not more than five (5) years, or both.
I have reviewed Trademark Off	d and understand the contents of the application and am aware of the duty to disclose to the US Patent and fice all information known to me to be material to patentability as defined in 37 CFR § 1.56.
	ASSIGNMENT
HOUSE, GRA entire right, titl may issue in th continuation-in inventions cont and privileges r recover and tak	and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I sign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO BOX 309, UGLAND ND CAYMAN, CAYMAN ISLANDS KY1-1104 its successors and assigns, absolutely and forever, my e and interest in and to the invention listed above, together with the Application, any and all Patents that e United States and/or any foreign countries, and any reissues, re-examinations, renewals, continuations, toparts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the tained in said Patents and Applications, for the United States and all foreign countries, and all the rights relating thereto including but not limited to the priority rights arising from said Applications, the right to see all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, ure infringement, and the right to apply for, take and maintain patents on said inventions.
If any portion shall neverthe	of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof less remain in full force and effect.
LEGAL NAMI	8 OF INVENTOR
Inventor: I	Ruilong Xie Date: 5/6/2019
Signature:	
Note: An applica Use an additional	ation 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 Invention GATE-ALL-AROUND FIELD EFFECT TRANSISTORS WITH INNER SPACER AND METHODS	
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 fin 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: Kangguo Cheng Date: 5/6/2019	
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.

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	GATE-ALL-AROUND FIELD EFFECT TRANSISTORS WITH INNER SPACERS AND METHODS
	DECLARATION
As the below	named inventor. I hereby declare that:
This declarati	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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	ed and understand the contents of the application and am aware of the duty to disclose to the US Patent and fince all information known to me to be material to patentability as defined in 37 CFR § 1.56.
	ASSIGNMENT
hereby sell, as HOUSE, GR/entire right, to may issue in t continuation-inventions cor and privileges recover and ta	and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I sign, 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 the 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, n-parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the stained in said Patents and Applications, for the United States and all foreign countries, and all the rights relating thereto including but not limited to the priority rights arising from said Applications, the right to ske all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, ture infringement, 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 NAM	IE OF INVENTOR
Inventor:	Chanro Park Date: 5/6/20/9
Signature:	Chanfel -
	cation data sheet (PTO/SR/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 049109 FRAME: 0384

RECORDED: 05/08/2019