PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4543651

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XUNSHENG WU	08/09/2017
HAIGOU HUANG	08/03/2017

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:	15673232

CORRESPONDENCE DATA

Fax Number: (713)934-7011

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: 713-934-4097

Email: nnolan@wmalaw.com

Correspondent Name: WILLIAMS MORGAN, P.C.

Address Line 1: 710 N. POST OAK ROAD

Address Line 2: SUITE 350

Address Line 4: HOUSTON, TEXAS 77024

ATTORNEY DOCKET NUMBER:	JMLT064/4014.262200
NAME OF SUBMITTER:	JAISON C. JOHN
SIGNATURE:	/Jaison C. John/
DATE SIGNED:	08/09/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

source=Combined_Declaration_and_Assignment#page1.tif source=Combined_Declaration_and_Assignment#page2.tif

PATENT 504496948 REEL: 043249 FRAME: 0879

GF Ref. No.: JMLT064/4014.262200

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	METHODS, APPARATUS AND SYSTEM FOR GATE CUT PROCESS USING A STRESS MATERIAL IN A FINFET DEVICE
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	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.
	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by somment 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
hereby sell, a Grand Caym the invention any foreign c extensions th and Applicat including but proceedings	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, an 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 countries, 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 ions, for the United States and all foreign countries, and all the rights and privileges relating thereto into the 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.
	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:	Haigou Huang Date: 08 03 101
Signature	: franghaigen
	lication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. onal form for each additional inventor.

84625460v1

REEL: 043249 FRAME: 0880

OP Rof. No.: JMLT064/4014.262200

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

DECLARATION As the below named inventor, I hereby declare that: This declaration is directed to: Unlied States application or PCT international application number
The attached application, or is directed to: Unlied 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 kereby 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.S6. ASSIGNMENT For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, 1 bereby sell, assign, transfer, or GLOBACPOUNDRIES line, having a business address of PO Box 309, Ugland House, Grand Cayman XV-11-101 is uscessors and assigns, absolutely and forever, up cutter 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 resistancy, continuation-in-parts, elvisionals or extensions thereof that may be issued or granted, and all right, tile 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 for the United States and all foreign to an adminish patents in respect of past, present and future infringement. and the right to apply for, take and maintain patents on said Inventions for the such as past present and future infringement.
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 acreby 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 Trademerk Office all information known to me to be material to patentability as defined in 37 CPR § 1.56. ASSIGNMENT For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I bureby sell, assign, transfer, to GLOBALFOUNDRIES line, having a business address of PO Box 309, Ugland House, Grand Cayman XV-1104 its successors and assigns, absolutely and forever, up outer 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 surp resistence, continuation-parts, valvisions for the United States and if oreign 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 add Inventions. If any portlan of this Combined Declaration or Assignment is held unenforceable, then remaining portlans hereof
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 CPR § 1.56. **ASSIGNMENT** For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I bereby sell, assign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Ugland House, Grand Cayman KY1-1101 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 resisted, recently and Applications, for the United States and if foreign countries, and all the rights and privilegies relating thereof including but not limited to the priority rights arising from said Applications, the right to recover and take all such proceedings as any 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 portlon of this Combined Declaration or Assignment is held unenforceable, then remaining partions hereof
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 will fellow and adequacy of which are hereby acknowledged, 1 bereby 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 resistency, resuminations, renewals, continuation-parts, divisionals or extensions thereof that may be issued or granted, and all right, tille and interest to the inventions contained in said Patents and Applications, for the United States and divide freight 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 are 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.
In a previous of 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, 1 bereby sell, assign, transfer, to GLOBACFOUNDRIES line, having a business address of PO Box 309, Ugland House, Grand Cayman XVI-110 it is uncessessor and ansigns, absolutely and forever, up utter 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 resistence, continuation-la-parts, elvisionals or extensions thereof that may be issued or granted, and all right, tile and interest to the inventions countined 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 upply for, take and midnish patents on said Inventions' in the part of the
ASSIGNMENT ASSIGNMENT For good and valuable consideration, the receipt, withcleave, and adequacy of which are hereby acknowledged, I bereby 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 inforest in and to the invention listed above, together with the Application, any and all Palents that may issue in the United States and/or any foreign countries, and any resistence, condination-laparts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the inventions contained in said Palents and Applications, for the United States and divide freight 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 are 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. 1Fany portlan of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I bureby self, assign, transfer, so GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Ugland House, Grand Cayman XV-11-10 it successors and assigns, absolutely and forever, up outer 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, rerewals, continuation-parts, elvisions, continuation-parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the inventions continued 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 infragement, and the right to apply for, take and maintain patents on said Inventions. 1Fany portlan of this Combined Declaration or Assignment is held unenforceable, then remaining portlans hereof
LEGAL NAME OF INVENTOR Inventor: Xusheng Wu Signature: Note: An application data sheet OTO/SIVI-i or equivalent, including numbing the entire inventive entity, must accompany this form.
Use an undifficial form for each additional taventor.

844254649

PATENT REEL: 043249 FRAME: 0881