# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6034812

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
DALI SHAO	03/26/2020
TAO CHU	03/26/2020
LIQIAO QIN	03/26/2020

## **RECEIVING PARTY DATA**

Name:	GLOBALFOUNDRIES INC.	
Street Address:	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:	16832139

## **CORRESPONDENCE DATA**

Fax Number: (713)434-6671

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.

7134346677 Phone:

Email: mpaul@amersoniplaw.com

**Correspondent Name:** J. MIKE AMERSON

Address Line 1: 2450 FONDREN ROAD, SUITE 260

Address Line 4: HOUSTON, TEXAS 77063

ATTORNEY DOCKET NUMBER:	2162.296000/LMLT079	
NAME OF SUBMITTER:	J. MIKE AMERSON	
SIGNATURE:	/J. Mike Amerson/	
DATE SIGNED:	03/27/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 3** 

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**PATENT** REEL: 052243 FRAME: 0414

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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)	
	EAKAGE GATE STACK FOR A TRANSISTOR DEVICE AND METHODS OF MAKING AN DUCT THAT INLCUDES SUCH A TRANSSTOR DEVICE
	DECLARATION
As the below named in	ventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application number filed on
The above-identified ap	oplication was made or authorized to be made by me.
I believe that I am the o	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 un Trademark Office all in	derstand the contents of the application and am aware of the duty to disclose to the US Patent and afformation known to me to be material to patentability as defined in 37 CFR § 1.56.
	ASSIGNMENT
hereby sell, assign, tran Grand Cayman KY1-11 the invention listed abo any foreign countries, a extensions thereof that and Applications, for th including but not limite proceedings as may be	able consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I sfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Ugland House, 104 its successors and assigns, absolutely and forever, my entire right, title and interest in and to ve, together with the Application, any and all Patents that may issue in the United States and/or and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or may be issued or granted, and all right, title and interest to the inventions contained in said Patents are United States and all foreign countries, and all the rights and privileges relating thereto d to the priority rights arising from said Applications, the right to recover and take all such necessary for the recovery of damages or otherwise in respect of past, present and future ight to apply for, take and maintain patents on said inventions.
	Combined Declaration or Assignment is held unenforceable, then remaining portions hereof ain in full force and effect.
LEGAL NAME OF IN	VENTOR
Inventor: DALI SI	1AO Date: $3/26/2020$
Signature:	Oli Grao
Note: An application data	t 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	REACTIONS CONTROLLED TO A COLUMN TO A COLUMN TO A COLUMN A STREET A COLUMN TO A STREET A COLUMN TO A C	
	DECLARATION	
As the below	named inventor, I hereby declare that:	
This declarate		
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.	
	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by sonment 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 c extensions the and Applicati including but proceedings a infringement.	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 ountries, 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 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.	
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 NAM	ME OF INVENTOR	
Inventor:	TAO CHU Date : O 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
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.

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 LOW LEAKAGE GATE STACK FOR A TRANSISTOR DEVICE AND METHODS OF MAKING AN IC PRODUCT THAT INLCUDES SUCH A TRANSTOR DEVICE	
DECLARATION	
As the below named inventor, I hereby declare that:	
This declaration	
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 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: LIQIAO QIN Date : 03/26/2020	
Signature: Ligia Oin	

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.

**RECORDED: 03/27/2020**