### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4905271

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
EMILIE BOURJOT	04/05/2018
DANIEL CHANEMOUGAME	04/05/2018
STEVEN BENTLEY	04/06/2018

#### **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:	15947991

#### **CORRESPONDENCE DATA**

**Fax Number:** (937)443-6635

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:** 937-443-6600

**Email:** ipdocket@thompsonhine.com

Correspondent Name: THOMPSON HINE LLP

Address Line 1: 10050 INNOVATION DRIVE

Address Line 2: SUITE 400

Address Line 4: DAYTON, OHIO 45342-4934

ATTORNEY DOCKET NUMBER:	JALB249-US-NP
NAME OF SUBMITTER:	WILLIAM R. ALLEN
SIGNATURE:	/William R. Allen/
DATE SIGNED:	04/09/2018

**Total Attachments: 3** 

source=JALB249-US-NP\_Dec#page1.tif source=JALB249-US-NP\_Dec#page2.tif

PATENT 504858532 REEL: 045477 FRAME: 0161

source=JALB249-US-NP\_Dec#page3.tif

PATENT REEL: 045477 FRAME: 0162

GF Ref. No.: JALB249-US-NP

### 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-TRANSPORT FIELD-EFFECT TRANSISTORS WITH SELF-ALIGNED CONTACTS			
		DECL	ARATION	
As the below	named invent	tor, I hereby declare that:		
This declarati	12 \1	The attached application, or United States application or P	CT international application number	filed on
		A STATE OF THE STA	•	
The above-ide	entified applic	cation was made or authorized t	to be made by me.	
I believe that	I am the origi	nal inventor or an original join	t inventor of a claimed invention in the applica	tion.
		any willful false statement mad t more than five (5) years, or bo	le in this declaration is punishable under 18 U.soth.	S.C. 1001 by
I have review Trademark O	ed and unders	stand the contents of the application known to me to be mate	ation and am aware of the duty to disclose to the crial to patentability as defined in 37 CFR § 1.5	ie US Patent and
		ASSI	GNMENT	
hereby sell, as Grand Cayma the invention any foreign co extensions the and Applicati including but proceedings a	ssign, transfer in KY1-1104 listed above, ountries, and ereof that may ons, for the U not limited to is may be nec	r, to GLOBALFOUNDRIES In its successors and assigns, absort together with the Application, a any reissues, re-examinations, 1 by be issued or granted, and all ri- linited States and all foreign coup to the priority rights arising from	iciency and adequacy of which are hereby acking. having a business address of PO Box 309, Uplutely and forever, my entire right, title and in any and all Patents that may issue in the United renewals, continuations, continuation-in-parts, ight, title and interest to the inventions contains intries, and all the rights and privileges relating a said Applications, the right to recover and takinges or otherwise in respect of past, present and a patents on said inventions.	Igland House, terest in and to I States and/or divisionals or ed in said Patents to thereto the all such
		nbined Declaration or Assign in full force and effect.	ment is held unenforceable, then remaining	portions hereof
onan never (II		in in to ce and circus		
LEGAL NAM Inventor: Signature:	Emilie Bo		Date: 4/5/2018	
Note: An appl Use an addition	ication data sh nal form for ca	cet (PTO/SB/14 or equivalent), inc ch additional inventor.	luding naming the entire inventive entity, must acco	

PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PATENT | PAT

# 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-TRANSPORT FIELD-EFFECT TRANSISTORS WITH SELF-ALIGNED CONTACTS
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	The attached application, or  United States application or PCT international application number filed on
The above-ide	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,
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by conment of not more than five (5) years, or both.
	ed and understand the contents of the application and am aware of the duty to disclose to the US Patent and affice all information known to me to be material to patentability as defined in 37 CFR § 1.56.
	ASSIGNMENT
hereby sell, as Grand Cayma the invention any foreign co extensions the and Applicati- including but proceedings a	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 countries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or proof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents cons, for the United States and all foreign countries, and all the rights and privileges relating thereto mot limited to the priority rights arising from said Applications, the right to recover and take all such is 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.
	n of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect.
ommi novoi (II	Steel Personal di Juli Adi de mila directi
LEGAL NAN	Æ OF INVENTOR
Inventor:	Daniel Chanemougame Date: 04/05/2018
Signature:	
	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 045477 FRAME: 0164

GF Ref. No.: JALB249-US-NP

# 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-TRANSPORT FIELD-EFFECT TRANSISTORS WITH SELF-ALIGNED CONTACTS
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	I/ N
	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.
I hereby ackn fine or impris	sowledge 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 Cayma the invention any foreign c extensions th and Applicati including but proceedings a	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 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 ions, 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 portionshall nevertle	on of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof neless remain in full force and effect.
LEGAL NAI	ME OF INVENTOR
Inventor: Signature	Steven Bentley Date: 4/6/18
pigiature	
Note: An app	lication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 045477 FRAME: 0165

**RECORDED: 04/09/2018**