06/11/2018 504954016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5000763

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RUILONG XIE	05/30/2018
CHANRO PARK	05/29/2018
MIN GYU SUNG	06/11/2018
KANGGUO CHENG	05/29/2018
GUILLAUME BOUCHE	05/30/2018

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:	16005064

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.

Phone: 7134346674

mpaul@amersoniplaw.com Email:

SCOTT F. DIRING **Correspondent Name:**

Address Line 1: 2500 FONDREN ROAD, SUITE 220

Address Line 4: HOUSTON, TEXAS 77063

ATTORNEY DOCKET NUMBER:	2162.286400/JALB225
NAME OF SUBMITTER:	SCOTT F. DIRING
SIGNATURE:	/Scott F. Diring/
DATE SIGNED:	06/11/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 046045 FRAME: 0358

504954016

Total Attachments: 5 source=Declaration_and_Assignment#page1.tif source=Declaration_and_Assignment#page2.tif source=Declaration_and_Assignment#page3.tif source=Declaration_and_Assignment#page4.tif source=Declaration_and_Assignment#page5.tif

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	SELF-ALIGNED GATE CUT ISOLATION
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	The state of the control of the property of the property of the control of the co
	United States application or PCT international application numberfiled 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.
I hereby ackn fine or impris	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by onment of not more than five (5) years, or both.
I have review Trademark O	ed 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
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 portio shall neverth	n of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect.
LEGALNAN	4B OF INVENTOR
Inventor:	RUILONG XIE Date: $5/30/20/8$
Signature:	
Note: An appli Use an addition	ization 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	SELF-ALIGNED GATE CUT ISOLATION
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarated to	1
	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 ackr fine or impris	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by onment of not more than five (5) years, or both.
I have review Trademark O	ed 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
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.	
	n of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof teless remain in full force and effect.
LEGAL NAI	ME OF INVENTOR
Inventor:	CHANRO PARK Date: 5/29/2018
Signature	Therefore
	ication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

COMBINED DECLARATION and ASSIGNMENT (27 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)
Title of SELF-ALIGNED GATE CUT ISOLATION Invention
DECLARATION
As the below named inventor, I hereby declare that:
This declaration
United States application or PCT international application numberfiled 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 bereby 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 has 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.
f any portion of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof hall nevertheless remain in full force and effect.
EGAL NAME OF INVENTOR
Inventor: MIN GYU SUNG Date: 6/11/2018
Signature: Mishin Sing
ofe: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form

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	SELF-ALIGNED GATE CUT ISOLATION
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarated to:	
	United States application or PCT international application numberfiled 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	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by onment of not more than five (5) years, or both.
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If any portio shall neverth	n of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect.
LEGAL NAN	1E OF INVENTOR
Inventor:	KANGGUO CHENG Date: 5 7 70
Signature:	
Note: An appli Use an addition	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. al 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	SELF-ALIGNED GATE CUT ISOLATION
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	15.71
	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.
I hereby ackn fine or impris	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by onment of not more than five (5) years, or both.
I have review Trademark O	ed and understand the contents of the application and am aware of the duty to disclose to the US Patent and flice all information known to me to be material to patentability as defined in 37 CFR § 1.56.
	ASSIGNMENT
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	eless remain in full force and effect.
LEGAL NAME OF INVENTOR	
Inventor:	GUILLAUME BOUCHE Date: 05/30/2018
Signature:	
	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

RECORDED: 06/11/2018