504524686 08/29/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4571392

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
MIN GYU SUNG			08/28/2017		
RUILONG XIE			08/28/2017		
CHANRO PARK			08/29/2017		
MURAT KEREM AKARVARDAR			08/29/2017		
RECEIVING PARTY DA	ТА				
Name:	GLOBA	ALFOUNDRIES INC.			
Street Address:	РО ВО	X 309			
Internal Address:	UGLAN	ND HOUSE			
City:	GRANI	D CAYMAN			
State/Country:	CAYM	AN ISLANDS			
Postal Code:	KY1-11	04			
Property Type		Number			
		Number 15689711			
Application Number:					
Application Number:					
CORRESPONDENCE D Fax Number:		(937)443-6635			
CORRESPONDENCE D Fax Number: Correspondence will b	e sent to	o the e-mail address first; if that is unsuc			
CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i>	e sent to	o the e-mail address first; if that is unsuc d; if that is unsuccessful, it will be sent v			
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone:	e sent to	o the e-mail address first; if that is unsuc			
CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if p</i> Phone: Email:	e sent to	<i>b the e-mail address first; if that is unsuc</i> <i>d; if that is unsuccessful, it will be sent v</i> 937-443-6600			
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name:	e sent to	<i>b the e-mail address first; if that is unsuc</i> <i>d; if that is unsuccessful, it will be sent v</i> 937-443-6600 ipdocket@thompsonhine.com			
CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	e sent to provideo	b the e-mail address first; if that is unsuc d; if that is unsuccessful, it will be sent v 937-443-6600 ipdocket@thompsonhine.com THOMPSON HINE LLP			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	e sent to provideo	b the e-mail address first; if that is unsuc d; if that is unsuccessful, it will be sent w 937-443-6600 ipdocket@thompsonhine.com THOMPSON HINE LLP 10050 INNOVATION DRIVE			
Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to provideo	b the e-mail address first; if that is unsuc d; if that is unsuccessful, it will be sent w 937-443-6600 ipdocket@thompsonhine.com THOMPSON HINE LLP 10050 INNOVATION DRIVE SUITE 400 DAYTON, OHIO 45342-4934			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name:	e sent to provideo	b the e-mail address first; if that is unsuc d; if that is unsuccessful, it will be sent w 937-443-6600 ipdocket@thompsonhine.com THOMPSON HINE LLP 10050 INNOVATION DRIVE SUITE 400 DAYTON, OHIO 45342-4934			
CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to provideo	b the e-mail address first; if that is unsuc d; if that is unsuccessful, it will be sent w 937-443-6600 ipdocket@thompsonhine.com THOMPSON HINE LLP 10050 INNOVATION DRIVE SUITE 400 DAYTON, OHIO 45342-4934 IALB292-US-NP			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: TTORNEY DOCKET NU	e sent to provideo	b the e-mail address first; if that is unsuccessful, it will be sent w937-443-6600ipdocket@thompsonhine.comTHOMPSON HINE LLP10050 INNOVATION DRIVESUITE 400DAYTON, OHIO 45342-4934IALB292-US-NPWILLIAM R. ALLEN			

Total Attachments: 4

source=IALB292_Dec#page1.tif
source=IALB292_Dec#page2.tif
source=IALB292_Dec#page3.tif
source=IALB292_Dec#page4.tif

Title of Invention	COMPOSITE ISOLATION STRUCTURES FOR A FIN-TYPE FIELD				
mittadou	EFFECT TRANSISTOR				
	DECLARATION				
As the below	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-ide	intified 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 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 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 NAM Inventor: Signature:	E OF INVENTOR Min Gyu Sung Date: $\frac{0.8/20/3017}{\sqrt{5}}$				
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					
Note: An applic Use an addition	ation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.				

PATENT REEL: 043438 FRAME: 0575

Title of Invention	COMPOSITE ISOLATION STRUCTURES FOR A FIN-TYPE FIELD EFFECT TRANSISTOR	
	DECLARATION	
As the below	named inventor, I hereby declare that:	
This declarati is directed to:	Let N b	
The above-ide	mtified 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 anment of not more than five (5) years, or both.	
I have reviews Trademark Of	ed 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	
hereby sell, as Grand Cayma the invention I any foreign co extensions the and Applicatic including but i proceedings as	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 House, in KY1-1104 its successors and assigns, absolutely and forever, my entire right, title and interest in and to isted above, together with the Application, any and all Patents that may issue in the United States and/or untries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or reof 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 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.	
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 Inventor: Signature:	E OF INVENTOR Ruilong Xie Date: 8/28/2017	
Note: An applic	ation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. al form for each additional inventor.	

PATENT REEL: 043438 FRAME: 0576

Title of Invention	COMPOSITE ISOLATION STRUCTURES FOR A FIN-TYPE FIELD EFFECT TRANSISTOR
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati is directed to:	1 N
The above-ide	intified application was made or authorized to be made by me.
I believe that	ant the original inventor or an original joint inventor of a claimed invention in the application.
	swledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by some of not more than five (5) years, or both.
I have reviewe Trademark Of	ed 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
hereby sell, as Grand Cayma the invention I any foreign co extensions the and Applicatio including but to proceedings as infringement,	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 House, n 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 untries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or reof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents ms, 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 s 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 shall neverthe	of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof seless remain in full force and effect.
	E OF INVENTOR <u>Chanro Park</u> <u>Date</u> : <u>8/29/2017</u> <u>Lhanffhe</u>
Note: An applic	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. al form for each additional inventor.

PATENT REEL: 043438 FRAME: 0577

Title of Invention	COMPOSITE ISOLATION STRUCTURES FOR A FIN-TYPE FIELD EFFECT TRANSISTOR
	DECLARATION
As the below	named inventor, 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-ide	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.
	whedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by mment of not more than five (5) years, or both.
I have reviewe Trademark Of	ed 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
hereby sell, as: Grand Cayman the invention I any foreign co extensions they and Applicatio including but r proceedings as infringement, a	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 House, a KY1-1104 its successors and assigns, absolutely and forever, my entire right, title and interest in and to isted above, together with the Application, any and all Patents that may issue in the United States and/or untries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or reof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents ns, 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 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 shall neverthe	of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof less remain in full force and effect.
	E OF INVENTOR Murat Kerem Akarvardar Date: \$.29.20(7)
Note: An applic	ation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. If form for each additional inventor,

RECORDED: 08/29/2017