502873254 06/30/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2919851

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
JIANWEI PENG			06/27/2014		
XUSHENG WU			06/27/2014		
HONG YU			06/30/2014		
ZHAO LUN			06/27/2014		
RECEIVING PARTY DA	ТА				
Name:	GLOBA	ALFOUNDRIES INC.			
Street Address:	РО ВО	PO BOX 309			
Internal Address:	UGLAN	UGLAND HOUSE			
City:	GRAN	GRAND CAYMAN			
State/Country:	CAYMA	CAYMAN ISLANDS			
Postal Code:	KY1-104				
PROPERTY NUMBERS Property Type	5 Total: 1	Number			
Property Type	Total: 1				
Property Type Application Number:		Number			
Property Type Application Number: CORRESPONDENCE D	DATA	Number 14319462			
Property Type Application Number: CORRESPONDENCE E Fax Number:	ΟΑΤΑ	Number	ssful, it will be sent		
Property Type Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if	DATA De sent to provideo	Number 14319462 (518)456-7004 o the e-mail address first; if that is unsucced; if that is unsuccessful, it will be sent via			
Property Type Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone:	DATA De sent to provideo	Number 14319462 (518)456-7004 o the e-mail address first; if that is unsuccesd; if that is unsuccessful, it will be sent via 518-456-7084			
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Property Type Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA De sent to provideo	Number 14319462 (518)456-7004 o the e-mail address first; if that is unsuccesd; if that is unsuccessful, it will be sent via 518-456-7084 lcronk@kdiplaw.com KEOHANE & D'ALESSANDRO, PLLC			
Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA be sent to provideo	Number 14319462 (518)456-7004 o the e-mail address first; if that is unsucceed; if that is unsuccessful, it will be sent via 518-456-7084 lcronk@kdiplaw.com KEOHANE & D'ALESSANDRO, PLLC 1881 WESTERN AVENUE SUITE 180 ALBANY, NEW YORK 12203			
Property Type Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA be sent to provideo	Number 14319462 (518)456-7004 o the e-mail address first; if that is unsucceed; if that is unsuccessful, it will be sent via 518-456-7084 Icronk@kdiplaw.com KEOHANE & D'ALESSANDRO, PLLC 1881 WESTERN AVENUE SUITE 180 ALBANY, NEW YORK 12203			
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Property Type Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA be sent to provideo	Number 14319462 (518)456-7004 o the e-mail address first; if that is unsucceed; if that is unsuccessful, it will be sent via 518-456-7084 Icronk@kdiplaw.com KEOHANE & D'ALESSANDRO, PLLC 1881 WESTERN AVENUE SUITE 180 ALBANY, NEW YORK 12203			

Total Attachments: 4

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	GF Ref. No. <u>EU716</u>		
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	MULTI-PHASE SOURCE/DRAIN/GATE SPACER-EPI FORMATION		
As the below	w named inventor, I hereby declare that:		
This declara is directed to	1 A P 1 A P		
The above-i	dentified application was made or authorized to be made by me.		
I believe that application.	at I am the original inventor or an original joint inventor of a claimed invention in the		
	mowledge that any willful false statement made in this declaration is punishable under 18 by fine or imprisonment of not more than five (5) years, or both.		
	wed and understand the contents of the application and am aware of the duty to disclose to the nd Trademark Office all information known to me to be material to patentability as defined in .56.		
	ASSIGNMENT		
acknowledg PO Box 309 my entire ri and all Pate continuation and interest rights and p Application damages or	d and valuable consideration, the receipt, sufficiency and adequacy of which are hereby red, I hereby sell, assign, transfer, to GLOBALFOUNDRIES Inc. having a business address of 0, Ugland House, Grand Cayman KY1-1104 its successors and assigns, absolutely and forever, ght, title and interest in and to the invention listed above, together with the Application, any nts that may issue in the United States, and any reissues, renewals, continuations, 1-in-parts, divisionals or extensions thereof that may be issued or granted, and all right, title to the inventions contained in said Patents and Applications, for the United States, and all the rivileges relating thereto including but not limited to the priority rights arising from said s, the right to recover and take all such proceedings as may be necessary for the recovery of otherwise in respect of past, present and future infringement, and the right to apply for, take n patents on said inventions.		
LEGAL N/	AME OF INVENTOR		
Inventor: Signatur	Jianwei Peng Date : e:		
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.			
84625460v1			

GF Ref. No. EU716

	ABINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR SIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)
Title of Invention	MULTI-PHASE SOURCE/DRAIN/GATE SPACER-EPI FORMATION
As the below	w named inventor, I hereby declare that:
This declara is directed to	「「「「「「「」」「「」」」」」「「「「」」」」「「「」」」」「「」」」」「「」」」」
is uncered a	United States application or PCT international application number
The above-i	dentified application was made or authorized to be made by me.
I believe tha application.	tt I am the original inventor or an original joint inventor of a claimed invention in the
· · · · · · · · · · · · · · · · · · ·	mowledge that any willful false statement made in this declaration is punishable under 18 by fine or imprisonment of not more than five (5) years, or both.
	wed and understand the contents of the application and am aware of the duty to disclose to the nd Trademark Office all information known to me to be material to patentability as defined in 56.
	ASSIGNMENT
acknowledg PO Box 309 my entire rij and all Pater continuatior and interest rights and p Application damages or	d and valuable consideration, the receipt, sufficiency and adequacy of which are hereby ed, I hereby sell, assign, transfer, to GLOBALFOUNDRIES Inc. having a business address of 0, Ugland House, Grand Cayman KY1-1104 its successors and assigns, absolutely and forever ght, title and interest in and to the invention listed above, together with the Application, any nts that may issue in the United States, and any reissues, renewals, continuations, h-in-parts, divisionals or extensions thereof that may be issued or granted, and all right, title to the inventions contained in said Patents and Applications, for the United States, and all the rivileges relating thereto including but not limited to the priority rights arising from said s, the right to recover and take all such proceedings as may be necessary for the recovery of otherwise in respect of past, present and future infringement, and the right to apply for, take n patents on said inventions.
	ME OF INVENTOR
Inventor: Signature	$\frac{\text{Xusheng Wu}}{\text{Solution}} = \frac{26/27/2014}{2014}$
Note: An app accompany th	slication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must sis form. Use an additional form for each additional inventor.
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GF Ref. No. EU716

This declarations directed to: The above-ider believe that I application. (hereby acknown U.S.C. 1001 by (have reviewed	United State filed on ified application was n m the original invento ledge that any willful fine or imprisonment of and understand the co	y declare that: 1 application, or s application or PCT international application number made or authorized to be made by me. or or an original joint inventor of a claimed invention in the false statement made in this declaration is punishable under 18 of not more than five (5) years, or both. ontents of the application and am aware of the duty to disclose to the formation known to me to be material to patentability as defined in formation known to me to be material to patentability as defined in
This declarations s directed to: The above-ider believe that I upplication. hereby acknow J.S.C. 1001 by have reviewed JS Patent and	X The attached United State filed on ified application was r m the original invento ledge that any willful fine or imprisonment of and understand the co	I application, or s application or PCT international application number made or authorized to be made by me. or or an original joint inventor of a claimed invention in the false statement made in this declaration is punishable under 18 of not more than five (5) years, or both.
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J.S.C. 1001 by have reviewed JS Patent and	fine or imprisonment of and understand the co	of not more than five (5) years, or both.
US Patent and		
		ASSIGNMENT
acknowledged, PO Box 309, U my entire right, and all Patents continuation-in and interest to 1 rights and privi Applications, the lamages or other	I hereby sell, assign, tr gland House, Grand Ca title and interest in and hat may issue in the U parts, divisionals or ex the inventions contained eges relating thereto ir e right to recover and t	on, the receipt, sufficiency and adequacy of which are hereby ransfer, to GLOBALFOUNDRIES Inc. having a business address of ayman KY1-1104 its successors and assigns, absolutely and forever d to the invention listed above, together with the Application, any nited States, and any reissues, renewals, continuations, ctensions thereof that may be issued or granted, and all right, title d in said Patents and Applications, for the United States, and all the neluding but not limited to the priority rights arising from said take all such proceedings as may be necessary for the recovery of st, present and future infringement, and the right to apply for, take us.
EGAL NAMI	OF INVENTOR	
Inventor: H	mg Yu	Date : <u>06/3//2014</u>
Signature:		
		4 or equivalent), including naming the entire inventive entity, must m for each additional inventor.

GF Ref. No. EU716

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	MULTI-PHASE SOURCE/DRAIN/GATE SPACER-EPI FORMATION			
As the below	v named inventor, I hereby declare that:			
This declars is directed to				
The above-i	dentified 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 any reissues, 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 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.				
Inventor:	AL NAME OF INVENTOR mtor: <u>Zhao Lun</u> Date : <u>6/27/2016</u> mature: <u>fun</u>			
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.				

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PATENT REEL: 033212 FRAME: 0061

RECORDED: 06/30/2014