503035706 10/27/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3082304

	SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	ΟΑΤΑ			
		Name	Execution Date	
HUI ZANG			10/24/2014	
BINGWU LIU			10/24/2014	
RECEIVING PARTY D	ΑΤΑ			
Name:	GLOBAI	GLOBALFOUNDRIES INC.		
Street Address:	UGLANI	UGLAND HOUSE		
Internal Address:	P.O. BO	X 309		
City:	GRAND	GRAND CAYMAN		
State/Country:	CAYMA	CAYMAN ISLANDS		
Postal Code:	KY1-110)4		
Application Number:		4524628		
CORRESPONDENCE	DATA			
Fax Number: Correspondence will I	() be sent to	518)452-5579 the e-mail address first; if that is	,	
Fax Number: Correspondence will I	(; be sent to f provided;	,	,	
Fax Number: <i>Correspondence will I</i> <i>using a fax number, if</i>	() be sent to f provided; 5	the e-mail address first; if that is if that is unsuccessful, it will be	,	
Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name:	(: be sent to f provided; 5 ja i	the e-mail address first; if that is if that is unsuccessful, it will be 18 452 5600 c@hrfmlaw.com MARK N. KITTEL, ESQ.	e sent via US Mail.	
Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:) be sent to f provided; 5 ja i f h h	the e-mail address first; if that is if that is unsuccessful, it will be an the second c@hrfmlaw.com MARK N. KITTEL, ESQ. IESLIN ROTHENBERG FARLEY	e sent via US Mail.	
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Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	(; f provided; 5 ja : N 5 A	the e-mail address first; if that is if that is unsuccessful, it will be and a solution (@hrfmlaw.com MARK N. KITTEL, ESQ. IESLIN ROTHENBERG FARLEY COLUMBIA CIRCLE (LBANY, NEW YORK 12203	e sent via US Mail.	
Fax Number: <i>Correspondence will I</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N	(i be sent to f provided; ja i i i f f IUMBER:	the e-mail address first; if that is if that is unsuccessful, it will be c@hrfmlaw.com MARK N. KITTEL, ESQ. HESLIN ROTHENBERG FARLEY COLUMBIA CIRCLE LBANY, NEW YORK 12203	e sent via US Mail.	
Fax Number: Correspondence will I using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER:	(i be sent to f provided; ja i i i f f IUMBER:	the e-mail address first; if that is if that is unsuccessful, it will be a 452 5600 c@hrfmlaw.com MARK N. KITTEL, ESQ. HESLIN ROTHENBERG FARLEY COLUMBIA CIRCLE ALBANY, NEW YORK 12203 3718.180/GU332 MARK N. KITTEL, ESQ.	e sent via US Mail.	
Fax Number: <i>Correspondence will I</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N	(i be sent to f provided; ja i i i f f IUMBER:	the e-mail address first; if that is if that is unsuccessful, it will be c@hrfmlaw.com MARK N. KITTEL, ESQ. HESLIN ROTHENBERG FARLEY COLUMBIA CIRCLE LBANY, NEW YORK 12203	e sent via US Mail.	

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COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DES	IGN
APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)	

Title of Invention	FABRICATION OF NANOWIRE STRUCTURES			
DECLARATION				
As the below	named inventor, I hereby declare that:			
This declarati is directed to:	on The attached application, or			
	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.				
l have review Trademark Ol	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			
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.				
Inventor:	E OF INVENTOR Hui ZANG Date: 10/24/20/4			
Signature:	- Gra			
Note: An applic Use an addition	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: 034042 FRAME: 0787

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	FABRICATION OF NANOWIRE STRUCTURES				
	DECLARATION				
As the below	named inventor, I hereby declare that:				
This declaratio is directed to:	on The attached application, or				
	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	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 mment 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 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 l any foreign co extensions the and Applicatic including but is proceedings as	and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, 1 sign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Ugland House, to 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 ins, for the United States and all foreign countries, and all the rights and privileges relating thereto tot 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	E OF INVENTOR				
Inventor:	Bingwu LIU Date: $1\sqrt[4]{2014}$				
Signature:	Li hrzur				
	ation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Il form for each additional inventor.				

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