PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2978702

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JING WAN	07/16/2014
GUILLAUME BOUCHE	07/17/2014
ANDY WEI	07/17/2014
SHAO MING KOH	07/16/2014

RECEIVING PARTY DATA

Name:	GLOBALFOUNDRIES, INC.
Street Address:	MAPLES CORPORATE SERVICES LIMITED, PO BOX 309; UGLAND HOUSE
City:	GRAND CAYMAN
State/Country:	CAYMAN ISLANDS
Postal Code:	KY1-1104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14457934

CORRESPONDENCE DATA

Fax Number: (480)385-5061

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: 480-385-5060

Email: docketing@ifllaw.com

Correspondent Name: INGRASSIA FISHER & LORENZ, P.C. (GF)

Address Line 1: 7010 E. COCHISE RD.

Address Line 4: SCOTTSDALE, ARIZONA 85253

ATTORNEY DOCKET NUMBER:	089.0416 (GU010)
NAME OF SUBMITTER:	MARK D. SWANSON
SIGNATURE:	/Mark D. Swanson/
DATE SIGNED:	08/12/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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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	11	TEGRATED CIRCUITS MANUFA	WITH NANOWIRES A ACTURING THE SAM		OF.
		DECLA	ARATION		
As the below	named invent	tor, I hereby declare that:			
This declarati	12 \	The attached application, or			
		United States application or PC	T international application	number	filed on
The above-ide	entified applic	cation was made or authorized to	be made by me.		
I believe that	I am the origi	nal inventor or an original joint	inventor of a claimed invent	ion in the applicatior	1.
		any willful false statement made t more than five (5) years, or bot		able under 18 U.S.C	. 1001 by
		stand the contents of the applicat mation known to me to be materi			S Patent and
		ASSIG	NMENT		
hereby sell, as Grand Cayma the invention any foreign co extensions the and Applicati- including but proceedings a	ssign, transfer in KYI-1104 listed above, to puntries, and a creof that may ons, for the U not limited to s may be necessarial.	consideration, the receipt, suffice, to GLOBALFOUNDRIES Inc. its successors and assigns, absolutogether with the Application, are any reissues, re-examinations, review be issued or granted, and all right finited States and all foreign countries the priority rights arising from sessary for the recovery of damag to apply for, take and maintain process.	having a business address of utely and forever, my entire by and all Patents that may is newals, continuations, conti- tht, title and interest to the in- tries, and all the rights and paraid Applications, the right the es or otherwise in respect of	of PO Box 309. Uglar right, title and interessue in the United Structure in the United Structure, divided in the contained in the contained in the contained and the contained	nd House, st in and to ates and/or isionals or n said Patents ereto I such
		nbined Declaration or Assignm in full force and effect.	ent is held unenforceable,	then remaining por	tions hereof
LEGAL NAM	1E OF INVE	NTOR	.		
Inventor:	Jing Wan		Date:	<u> </u>	<u> </u>
Signature:	<u> </u>	14 wau			
		et (PTO/SB/14 or equivalent), include th additional inventor.	ding naming the entire inventiv	e entity, must accompa	ıny îhis 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	MANUFACTURING THE SAME	IODS OF
	DECLARATION	
As the below	named inventor, I hereby declare that:	
This declarati	1/ \	
	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 app	lication.
	owledge that any willful false statement made in this declaration is punishable under somment of not more than five (5) years, or both.	3 U.S.C. 1001 by
	ed and understand the contents of the application and am aware of the duty to disclose ffice all information known to me to be material to patentability as defined in 37 CFR §	
	ASSIGNMENT	
hereby sell, a Grand Cayma the invention any foreign of extensions the and Applicati including but proceedings a	and valuable consideration, the receipt, sufficiency and adequacy of which are hereby ssign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 30 in KY1-1104 its successors and assigns, absolutely and forever, my entire right, title an listed above, together with the Application, any and all Patents that may issue in the United States and any reissues, re-examinations, renewals, continuations, continuation-in-patereof that may be issued or granted, and all right, title and interest to the inventions contons, for the United States and all foreign countries, and all the rights and privileges related to the priority rights arising from said Applications, the right to recover and its may be necessary for the recovery of damages or otherwise in respect of past, present and the right to apply for, take and maintain patents on said inventions.	9, Ugland House, d interest in and to nited States and/or arts, divisionals or tained in said Patents ating thereto I take all such
	n of this Combined Declaration or Assignment is held unenforceable, then remain eless remain in full force and effect.	ing portions hercof
LEGAL NAM	ME OF INVENTOR	_
Inventor:	Guillaume Bouche Date: 07/17/	2014
Signature:		
Note: An appl Use an addition	ication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must nal form for each additional inventor.	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	INTEGRATED CIRCUITS WITH NANOWIRES AND METHODS MANUFACTURING THE SAME	OF
Invention	WHIVET HET ORRIVE THE SAIVE	
	DECLARATION	
As the below	named inventor, I hereby declare that:	
This declarati		
	United States application or PCT international application number	filed on
The above-ide	lentified application was made or authorized to be made by me.	
I believe that	t I am the original inventor or an original joint inventor of a claimed invention in the application	
	nowledge that any willful false statement made in this declaration is punishable under \$8 U.S.C. sonment of not more than five (5) years, or both.	1001 by
	ved and understand the contents of the application and am aware of the duty to disclose to the UDffice all information known to me to be material to patentability as defined in 37 CFR § 1.56.	S Patent and
	ASSIGNMENT	
hereby sell, as Grand Cayma the invention any foreign or extensions the and Applicati including but proceedings a infringement,	d and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknown assign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Uglas an KY1-1104 its successors and assigns, absolutely and forever, my entire right, title and interest listed above, together with the Application, any and all Patents that may issue in the United State countries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, dividered that may be issued or granted, and all right, title and interest to the inventions contained is the interest to the priority rights arising from said Applications, the right to recover and take all as may be necessary for the recovery of damages or otherwise in respect of past, present and full, and the right to apply for, take and maintain patents on said inventions.	ad House, st in and to ites and/or sionals or a said Patents reto I such ure
	on of this Combined Declaration or Assignment is neid unenforceable, then remaining portheless remain in full force and effect.	tions nereot

LEGAL NAM	ME OF INVENTOR	
Inventor:	Andy Wei Date: 7/17/14	
Signature:		
	lication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accomps	ny 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	INTEGRATED CIRCUITS WITH NANOWIRES AND METHODS OF MANUFACTURING THE SAME	
	DECLARATION	
As the below	amed inventor, I hereby declare that:	
This declarati	n 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	am the original inventor or an original joint inventor of a claimed invention in the application.	
	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1901 by nment of not more than five (5) years, or both.	
	d and understand the contents of the application and am aware of the duty to disclose to the US Patent and ice all information known to me to be material to patentability as defined in 37 CFR § 1.56.	
	ACCICABATATA	
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.		
	of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof less remain in full force and effect.	
LEGAL NAM	E OF INVENTOR	
Inventor:	Shao Ming Koh Date: 67/16/2014	
Signature:	Lie.	
	ation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	

PATENT REEL: 033518 FRAME: 0864

RECORDED: 08/12/2014