504259136 03/07/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4305816 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RUILONG XIE	06/04/2014
CHANRO PARK	06/05/2014
XIUYU CAI	06/04/2014

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:	15451565			

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.

7134346674 Phone:

Email: mpaul@amersoniplaw.com

SCOTT F. DIRING **Correspondent Name:**

Address Line 1: 2500 FONDREN ROAD, SUITE 220

Address Line 4: HOUSTON, TEXAS 77063

ATTORNEY DOCKET NUMBER:	2162.242882/EU777D
NAME OF SUBMITTER:	SCOTT F. DIRING
SIGNATURE:	/Scott F. Diring/
DATE SIGNED:	03/07/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT REEL: 041899 FRAME: 0890

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PATENT REEL: 041899 FRAME: 0891

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	METHODS OF FORMING A PROTECTION LAYER ON A SEMICONDUCTOR DEVICE AND THI RESULTING DEVICE
	DECLARATION
As the below	named inventor, I hereby declare that:
This declaration is directed to:	
	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 ackno fine or impriso	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by imment of not more than five (5) years, or both.
I have reviewe Trademark Off	id 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
nereby self, ass Grand Cayman the invention fi- any foreign cou extensions then and Application including but no proceedings as infringement, an	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, KYI-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 eof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents are, for the United States and all foreign countries, and all the rights and privileges relating thereto ot 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.
f any portion hall neverthel	of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof less remain in full force and effect.
EGAL NAME	OF INVENTOR
Inventor: R	RUILONG XIE Date : 6 / 04 / 24/4

PATENT REEL: 041899 FRAME: 0892

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	METHODS OF FORMING A PROTECTION LAYER ON A SEMICONDUCTOR DEVICE AND THE RESULTING DEVICE					
of which determines an immediate into			DECLARA	TION		
As the below	named inv	entor, I hereby declar	re that:			
This declaration is directed to:		The attached app	dication, or			
		United States application or PCT international application number				
The above-ide	ntified app	olication was made or	authorized to be n	ade by me.		
I believe that I	am the ori	iginal inventor or an o	original joint inven	tor of a claimed	invention in the ap	pplication.
I hereby ackno fine or impriso	wledge tha mment of n	at any willful false sta not more than five (5)	atement made in th) years, or both,	is declaration is	punishable under	18 U.S.C. 1001 by
I have reviewe Trademark Off	d and unde fice all info	erstand the contents o ormation known to m	of the application as e to be material to	nd am aware of t catentability as o	he duty to disclose lefined in 37 CFR	e to the US Patent and § 1.56.
	an account the same		ASSIGNMI			
hereby sell, ass Grand Cayman the invention li any foreign cou extensions there and Application including but no proceedings as	sign, transfict KY1-1104 sted above untries, and eof that mans, for the 1 ot limited to may be necessited.	le consideration, the reir, to GLOBALFOU 4 its successors and a ctogether with the All any reissues, re-example to issued or grante United States and all to the priority rights accessary for the recovent to apply for, take and to the apply for, take and to apply for, take and the constant of the priority for, take and the priority for the priority for, take and the priority for the	NDRIES Inc. having a signs, absolutely a splication, any and minations, renewal and all right, title foreign countries, arising from said A ery of damages or a signs.	ig a business add and forever, my all Patents that is, continuations, e and interest to and all the rights pplications, the otherwise in resp	dress of PO Box 3 entire right, title a may issue in the U continuation-in-p the inventions cor and privileges related to recover an ect of past, preser	09, Ugland House, nd interest in and to interest in and to inited States and/or arts, divisionals or ntained in said Patents lating thereto d take all such
f any portion hall neverthel	of this Cor less remain	mbined Declaration n in full force and el	or Assignment is ffect.	held unenforce	able, then remain	ning portions hereof
EGAL NAME	OF INVE	ENTOR			···	
Inventor: C	HANRO I	PARK		Date :	5/5/201	<u> </u>
Signature:	Jan	-P.L				
ote: An applica	tion data sh	ect (PTO/SB/14 or equi ch additional inventor.	valent), including na	ming the entire in	ventive entity, must	accompany this form.

PATENT REEL: 041899 FRAME: 0893

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	METHODS (RESULTING	OF FORMING A PRO G DEVICE	OTECTION LAYE	R ON A SEMICON	DUCTOR DEV	CE AND THE
		18	DECLARATIO	N .	## ## ## ## ## ## ## ## ## ## ## ## ##	
As the below	named invento	or, I hereby declare th	at;			
This declarati	12.00	The attached applicat	tion, or			
		United States applica		ational application nu	umber	filed on
The above-ide	entified applica	ation was made or aut	horized to be made	by me.		
I believe that	I am the origin	nal inventor or an orig	inal joint inventor	of a claimed invention	on in the applicat	ion.
		my willful false staten more than five (5) ye		eclaration is punisha	ble under 18 U.S	.C. 1001 by
		and the contents of the nation known to me to		entability as defined		
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.						
		bined Declaration of in full force and effe		ild unenforceable, ti	hen remaining [ortions hereof
**			*			
LEGAL NAM	ME OF INVEN	TOR				
Inventor:	XIUYU CAI			Date :	6/04/2	<u> 214</u>
Signature:		f				W: 8
		et (PTO/SB/14 or equiv: h additional inventor.	aleat), including nam	ing the entire inventive	e entity, must accor	npany this form.

PATENT REEL: 041899 FRAME: 0894

RECORDED: 03/07/2017