504588541 10/11/2017 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		1	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		4	ASSIGNMENT				
CONVEYING PARTY	DATA	•					
			Name			Execution Date	
DIRK BREUER						09/07/2017	
GEORG TALUT					09/06/20	017	
RECEIVING PARTY D	ΑΤΑ						
Name:	GLOBA	GLOBALFOUNDRIES INC.					
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State/Country:	CAYM	CAYMAN ISLANDS					
Postal Code:	KY1-11	KY1-1104					
Property Type Application Number:	_	157297	Number 5729774				
Application Number:		157297					
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NAME OF SUBMITTER:			J. MIKE AMERSON				
SIGNATURE:			/J. Mike Amerson/				
DATE SIGNED:			10/11/2017				
		1	This document serves as an Oat	th/D	eclaration (37 CF	R 1.63).	
Total Attachments: 2							
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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	Semiconductor Device with Superior Crack Resistivity in the Metallization System					
DECLARATION						
As the below	named inventor, I hereby declare that:					
This declarati is directed to:						
	United States application or PCT international application number filed on					
The above-id	entified application was made or authorized to be made by me.					
I believe that	l 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 onment 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 ffice all information known to me to be material to patentability as defined in 37 CFR § 1.56.					
	ASSIGNMENT					
hereby sell, a: Grand Cayma the invention any foreign co extensions the and Applicati including but proceedings a	and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I ssign, 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 listed above, together with the Application, any and all Patents that may issue in the United States and/or puntries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or ereof 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 portio shall neverth	n of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect.					
LEGAL NAM	IE OF INVENTOR					
Inventor:	Dirk BREUER Date : September 07 th , 2017					
Signature:	<u> 9. K</u>					
Note: An appli Use an addition	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, al form for each additional inventor.					

GF Ref. No.: JD030

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 Semiconductor Device with Superior Crack Resistivity in the Metallization System
DECLARATION
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-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.
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/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 Patent 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 NAME OF INVENTOR
Inventor: Georg TALUT Date: 06.05 2013
Signature: <u>C. 700</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: 043834 FRAME: 0604