## PATENT ASSIGNMENT

## Electronic Version v1.1

1.1	

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY DATA					
Ν			lame	Execution Date	
Ming Lei				02/15/2013	
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					
Property Type		40700			
Application Number: 13769494					
CORRESPONDENCE DATA					
Fax Number:         5184567004					
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.					
Email:	hone: 518 456-7084 mail: kjones@kdiplaw.com				
Correspondent Name: Keohane & D'Alessandro PLLC					
Address Line 1: 1881 Western Avenue					
Address Line 2:					
Address Line 4: Albany, NEW YORK 12203					
ATTORNEY DOCKET I	NUMBER:		DU500		
NAME OF SUBMITTER:			Ronald A. D'Alessandro		
			This document serves as an Oath/Declaration	37 CFR 1.63).	
Total Attachments: 1 source=DU500_SignedDeclarationAndAssignment#page1.tif					

## 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	INFRARED-BASED METROLOGY FOR DETECTION OF STRESS AND DEFECTS AROUND THROUGH SILICON VIAS						
As the below named inventor, I hereby declare that:							
This declara							
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 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.							
LEGAL NAME OF INVENTOR							
Inventor:	Inventor: Ming Lei Date : 2/15/2013						
Signature	Signature: Ming fei						
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: 029823 FRAME: 0617

**RECORDED: 02/18/2013**