#### 503038844 10/29/2014

### PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT3085442 Electronic Version v1.1 Stylesheet Version v1.2

**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
XUNYUAN ZHANG	09/16/2014
TIBOR BOLOM	09/17/2014
ERROL TODD RYAN	09/16/2014

#### **RECEIVING PARTY DATA**

Name:	GLOBALFOUNDRIES Inc.
Street Address:	Maples Corporate Services Limited
Internal Address:	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:	14526729

#### **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.

7134346677 Phone:

Email: mpaul@amersoniplaw.com

J. MIKE AMERSON **Correspondent Name:** 

Address Line 1: 2500 FONDREN ROAD, SUITE 220

Address Line 4: HOUSTON, TEXAS 77063

ATTORNEY DOCKET NUMBER:	2162.253200/GU117B
NAME OF SUBMITTER:	J. MIKE AMERSON
SIGNATURE:	/J. Mike Amerson/
DATE SIGNED:	10/29/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 3**

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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	METHODS OF FORMING AN IMPOVED VIA TO CONTACT INTERFACE BY SELECTIVE FORMATION OF A METAL SILICIDE CAPPING LAYER	
DECLARATION		
As the below named inventor, I hereby declare that:		
This declarate	y *	
	United States application or PCT international application numberfiled on	
The above-id	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 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 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.		
LEGAL NAI Inventor: Signature	ME OF INVENTOR  XUNYUAN ZHANG  Date: 09/16/2014	
	ication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must 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 Invention	METHODS OF FORMING AN IMPOVED VIA TO CONTACT INTERFACE BY SELECTIVE FORMATION OF A METAL SILICIDE CAPPING LAYER
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	W.M
	United States application or PCT international application numberfiled on
The above-id	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.	
	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.
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	
extensions the and Applicati including but proceedings a	countries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or ercof 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 a 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.
	n of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect.
LEGAL NAN	IE OF INVENTOR
Inventor:	TIBOR BOLOM Date: 9(17/2014
Signature:	Silve Ada
	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must 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 Invention	METHODS OF FORMING AN IMPOVED VIA TO CONTACT INTERFACE BY SELECTIVE FORMATION OF A METAL SILICIDE CAPPING LAYER	
	DECLARATION	
As the below	named inventor, I hereby declare that:	
This declarati	P. A. Strategick and Market and M	
	United States application or PCT international application numberfiled on	
The above-id	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 ackn fine or impris	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.	
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 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.		
uuunaaaaaaaaaaaa		
LEGAL NAM	IE OF INVENTOR-	
Inventor:	ERROL TODD RYAN Date: 9/16/14	
	Lent Two you	
Note: An applic Use an addition	ration data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. at form for each additional inventor.	

PATENT REEL: 034058 FRAME: 0337

**RECORDED: 10/29/2014**