#### 504033764 10/03/2016

### **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4080426

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MIN GYU SUNG	09/27/2016
HOON KIM	09/29/2016
CHANRO PARK	09/27/2016
RUILONG XIE	09/27/2016

#### **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:	15284110

#### **CORRESPONDENCE DATA**

**Fax Number:** (518)452-5579

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: 518 452 5600
Email: wfr@hrfmlaw.com

Correspondent Name: HESLIN ROTHENBERG FARLEY & MESITI/ GLOBA

Address Line 1: 5 COLUMBIA CIRCLE

Address Line 4: ALBANY, NEW YORK 12203

ATTORNEY DOCKET NUMBER:	3718.340/IALB038
NAME OF SUBMITTER:	WAYNE F. REINKE
SIGNATURE:	/Wayne F. Reinke/
DATE SIGNED:	10/03/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
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Total Attachments: 4

PATENT REEL: 039925 FRAME: 0145

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Attorney Docket No.: 3718.340/IALB038

# 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	PREVENTING OXIDATION DEFECTS IN STRAIN-RELAXED FINS BY REDUCING LOCAL GAP FILL VOIDS
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	
1	United States application or PCT international application number filed on
The observe 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 ackr fine or impris	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by somment 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.	
gg againg and a said	
LEGAL NA	ME OF INVENTOR 9/27/2016
Inventor:	Min Gyu SUNG Date:
Signature	May Gyu Sung
Note: An app	olication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

All mey Docket No.: 3718,34 )/IALB038

COMBINED DECLARATION and ASSEGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CF) (1.76)

Title of Invention   PREVENTING OXIDATION   EFECTS IN STRAIN-RELAXED FINS BY REDUCING LOCAL GAP   FILL VOIDS
DECLARATION
As the below no ned inventor, I hereby declare that:
This declaration The attached application, or is directed to:
United States application or PCT international application number file on
The above-iden fied application was made or -uthorized 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 imprisorment of not more than five (5) years, or both.
I have reviewed and understand the contents of the application and am away 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
For good as d valuable consideration, the receipt, sufficiency and ade juacy of which are hereby acknowledged. I hereby sell, assegn, transfer, to GLOBALFOL NDRIES Inc. having a business address of PO Box 309, Ugland House, Grand Cayman [2Y1-1104] its successors and seigns, absolutely and forever, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Pates's that may issue in the Unite! States and/or any foreign constries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or extensions there of that may be issued or grant. I, 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, one, the right to recover and take all such proceedings as may be necessary for the recovery of damages or other vise in respect of past, present and future infringement, and the right to apply for, take as dimaintain patents on said in entions.
If any portion of this Combined Declaration or Assignment is held unconforceable, then remaining partions hereof shall nevertheless remain in full force and offsect.
LEGAL NAME OF INVENTOR
Invenior: Hon KIM Dric: 9/29   2016
Signature: HOOLKIM
Note: An applied on data sheet (PTO/SB/14 or eq valent), including naming the edite inventive entity, must accord any this form. Use an additional or in for each additional inventor.

TALL BOOK

Attorney Docket No.: 3718.340/IALB038

### 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	PREVENTING OXIDATION DEFECTS IN STRAIN-RELAXED FINS BY REDUCING LOCAL GAP FILL VOIDS
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	Marian Ma
	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 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.	
<b>5""</b> «	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 NAM	E OF INVENTOR
Inventor:	Chanto PARK Date: 9/21/2016
Signature:	2 hamfork
Note: An applic	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Attorney Docket No.: 3718.340/IALB038

## COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

<u> </u>	
Title of Invention	PREVENTING OXIDATION DEFECTS IN STRAIN-RELAXED FINS BY REDUCING LOCAL GAP FILL VOIDS
	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.	
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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 NAM	E OF INVENTOR
Inventor;	Ruilong XIE Date: 7/2/20/6
Signature:	
Note: An applic	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. al form for each additional inventor.

**RECORDED: 10/03/2016** 

PATENT

REEL: 039925 FRAME: 0150