#### 504211120 02/03/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4257797

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BIPUL C. PAUL	01/09/2017
KWAN-YONG LIM	12/23/2016

#### **RECEIVING PARTY DATA**

Name:	GLOBALFOUNDRIES INC.
Street Address:	P.O. 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:	15423647

### CORRESPONDENCE DATA

Fax Number: (410)630-1656

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: 410-705-6401

Email: mcloughlin@gibbiplaw.com

GIBB & RILEY, LLC **Correspondent Name:** Address Line 1: 844 WEST STREET

Address Line 2: SUITE 200

Address Line 4: ANNAPOLIS, MARYLAND 21401

ATTORNEY DOCKET NUMBER: IALB109-US-NP	
NAME OF SUBMITTER:	FREDERICK W. GIBB
SIGNATURE:	/FREDERICK W. GIBB, III/
<b>DATE SIGNED:</b> 02/03/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).

## **Total Attachments: 2**

source=IALB109-US-NP-DECLARATION-ASSIGNMENT 01-09-2017#page1.tif source=IALB109-US-NP-DECLARATION-ASSIGNMENT\_01-09-2017#page2.tif

**PATENT** REEL: 041623 FRAME: 0242 504211120

GF Ref. No.: IALB109-US-NP

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	ACTIVE AREA SHAPES REDUCING DEVICE SIZE
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarat	
	United States application or PCT international application numberfiled on
The above-ic	lentified 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.
	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 review Trademack C	ved and understand the contents of the application and am aware of the duty to disclose to the US Patent and office all information known to me to be material to patentability as defined in 37 CFR § 1.56.
	ASSIGNMENT
hereby sell, a Grand Caym the invention any foreign of extensions the and Applicate including but proceedings	d and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I usign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Ugland House, an KY1-1104 its successors and assigns, absolutely and forever, my entire right, title and interest in and to a listed above, together with the Application, any and all Patents that may issue in the United States and/or countries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or nereof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents ions, for the United States and all foreign countries, and all the rights and privileges relating thereto t not limited to the priority rights arising from said Applications, the right to recover and take all such as may be necessary for the recovery of damages or otherwise in respect of past, present and future t, and the right to apply for, take and maintain patents on said inventions.
If any porti shall nevert	on of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof heless remain in full force and effect.
LEGAL NA	ME OF INVENTOR
Inventor	Bipul C. Paul Date: 1/9/2017
Signature	- April
Note: An app	dication data sheet (PTO)/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, and form for each additional inventor.

PATENT REEL: 041623 FRAME: 0243

GF Ref. No.: IALB109-US-NP

COMBINI APPLICA	ED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN TION USING AN APPLICATION DATA SHEET (37 CFR 1.76)	
Title of Invention	ACTIVE AREA SHAPES REDUCING DEVICE SIZE	
:	DECLARATION	
As the below	named inventor, I hereby declare that:	
This declarati	on The attached application, or	
	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 acknowing 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 self, assign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Ugland House, Grand Cayman KYI-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;	Kwan-Yong Lim Date: 12/23/20/6	
Signature:	Jakan	
Note: An appli	ration data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	

**RECORDED: 02/03/2017** 

PATENT REEL: 041623 FRAME: 0244