#### 504595203 10/16/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4641915 Stylesheet Version v1.2

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

#### **CONVEYING PARTY DATA**

Name	Execution Date
SURAJ K. PATIL	10/05/2017
JAGAR SINGH	10/16/2017

#### **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:	15784445

### CORRESPONDENCE DATA

Fax Number: (937)443-6635

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THOMPSON HINE LLP **Correspondent Name:** Address Line 1: 10050 INNOVATION DRIVE

Address Line 2: SUITE 400

Address Line 4: DAYTON, OHIO 45342-4934

ATTORNEY DOCKET NUMBER:	JMLT319-US-NP
NAME OF SUBMITTER:	WILLIAM R. ALLEN
SIGNATURE:	/William R. Allen/
DATE SIGNED:	10/16/2017

**Total Attachments: 2** 

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> **PATENT** REEL: 043871 FRAME: 0894 504595203

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

Title of INTEGRATION OF GATE STRUCTURES AND S	PACERS WITH AIR OAPS		
ENERGY ( ) 33 A 178 ( ) 5 C			
DECLARATION The Declaration of t			
As the below named inventor, I hereby declare that:			
This declaration The attached application, or	WE WITH THE PARTY OF THE PARTY		
is directed to:  United States application or PCT international applica	tion number filed on		
United States application of TCT international approx			
	**************************************		
	La constitución de la constituci		
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 in	ivention in the application.		
I hereby acknowledge that any willful false statement made in this declaration is p	unistable under 1811SC 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 Trademark Office all information known to me to be material to patentability as de-	e duty to disclose to the US Patent and leftned in 37 CFR § 1.56.		
Tradelinark Office an information known to rac to be material as parents			
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 unenforce shall nevertheless remain in full force and effect.	able, then remaining portions hereof		
LEGAL NAME OF INVENTOR			
Inventor: Suraj K. Patil Date:	[0/05/2017		
Signature: Guraí Kuman Patri			

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity. nRATENTny this form.

Use an additional form for each additional inventor.

REEL: 043871 FRAME: 0895

GF Ref. No.: JMLT319-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	INTEGRATION OF GATE STRUCTURES AND SPACERS WITH AIR GAPS	
	DECLARATION	
As the below	named inventor, I hereby declare that:	
This declarati is directed to:		
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.		
Service Control Contro	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 portionshall neverth	on of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof heless remain in full force and effect.	
Inventor:	Jagar Singh  Date: 10/16/2017  Jafan Cinch	
	lication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	

PATENT REEL: 043871 FRAME: 0896

**RECORDED: 10/16/2017**