PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6957201

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
UZMA B. RANA	10/06/2021
STEVEN M. SHANK	10/06/2021
ANTHONY K. STAMPER	10/06/2021

RECEIVING PARTY DATA

Name:	GLOBALFOUNDRIES U.S. INC.	
Street Address:	400 STONEBREAK ROAD EXTENSION	
City:	MALTA	
State/Country:	NEW YORK	
Postal Code: 12020		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17450186

CORRESPONDENCE DATA

Fax Number:

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: 5184490044

Email: ptocommunications@hoffmanwarnick.com,

mpaul@hoffmanwarnick.com

Correspondent Name: HOFFMAN WARNICK LLC

Address Line 1: 540 BROADWAY
Address Line 2: 4TH FLOOR

Address Line 4: ALBANY, NEW YORK 12207

ATTORNEY DOCKET NUMBER:	GF2021109-US-NP	
NAME OF SUBMITTER:	SPENCER K. WARNICK	
SIGNATURE:	/Spencer K. Warnick/	
DATE SIGNED:	10/07/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

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PATENT REEL: 057728 FRAME: 0460 $source = GF2021109 - US-NP_CombinedDeclarationAssignment_07OCT2021\#page2.tif\\ source = GF2021109 - US-NP_CombinedDeclarationAssignment_07OCT2021\#page3.tif\\$

PATENT REEL: 057728 FRAME: 0461

GF Ref. No.: GF2021109-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 IC STRUCTURE INCLUDING POROUS SEMICONDUCTOR LAYER UNDER Invention TRENCH ISOLATIONS ADJACENT SOURCE/DRAIN REGIONS 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. 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 U.S. Inc., having a business address of 400 Stonebreak Road Extension, Malta, NY 12020 U.S.A., 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 NAME OF INVENTOR Inventor: UZMA B. RANA Date: 10-06-2021 you Me Signature:

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.

GF Ref. No.: GF2021109-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	IC STRUCTURE INCLUDING POROUS SEMICONDUCTOR LAYER UNDER TRENCH ISOLATIONS ADJACENT SOURCE/DRAIN REGIONS
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	/ \ \ \ \ \ \ \ \ \ \ \ \ \
is directed to.	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.
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ent of not more than five (5) years, or both.
	ed and understand the contents of the application and am aware of the duty to disclose to the US Patent and ffice 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 U.S. Inc., having a business address of 400 Stonebreak Road Extension, Malta, NY 12020 U.S.A., 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	ME OF INVENTOR
Inventor: Signature:	STEVEN M. SHANK Date: 10/6/21

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.

GF Ref. No.: GF2021109-US-NP

	USING AN APPLICATION DATA SHEET (37 CFR 1.76)
Title of Invention	IC STRUCTURE INCLUDING POROUS SEMICONDUCTOR LAYER UNDER TRENCH ISOLATIONS ADJACENT SOURCE/DRAIN REGIONS
	DECLARATION
As the below	named inventor, I hereby declare that:
This declaraties directed to	(A.N.)
	United States application or PCT international application number filed on
The above-ic	tentified 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 ack or imprisonn	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fin- nent of not more than five (5) years, or both.
I have reviev Trademark 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, and to the and/or any for and	I and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I assign, transfer, to GLOBALFOUNDRIES U.S. Inc., having a business address of 400 Stonebreak Road falta, NY 12020 U.S.A., its successors and assigns, absolutely and forever, my entire right, title and interest invention listed above, together with the Application, any and all Patents that may issue in the United States or eign countries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisional at thereof that may be issued or granted, and all right, title and interest to the inventions contained in said Applications, for the United States and all foreign countries, and all the rights and privileges relating thereto that 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, and the right to apply for, take and maintain patents on said inventions.
If any porti shall neverti	on of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof beless remain in full force and effect.
LEGAL NA	ME OF INVENTOR
Inventor:	ANTHONY K. STAMPER Date: October 6, 2001

PATENT REEL: 057728 FRAME: 0464

RECORDED: 10/07/2021