504245655 02/27/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE: Corrective Assignment to correct the THE 3RD INVENTORS LAST NAME previously recorded on Reel 041371 Frame 0351. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
ANTHONY K. STAMPER	02/23/2017
STEVEN M. SHANK	02/21/2017
SIVA P. ADUSUMILLI	02/22/2017

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:	15441711

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: 4107056401

Email: GUNTHER@GIBBIPLAW.COM

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

Address Line 2: SUITE 200

Address Line 4: ANNAPOLIS, MARYLAND 21401

ATTORNEY DOCKET NUMBER:	IBUR021-US-NP
NAME OF SUBMITTER:	PAMELA M. RILEY
SIGNATURE:	/PAMELA M. RILEY/
DATE SIGNED:	02/27/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 041820 FRAME: 0297

EPAS ID: PAT4292333

504245655

Total Attachments: 7

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Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANTHONY K. STAMPER	02/23/2017
STEVEN M. SHANK	02/21/2017
SIVA P. ADUMUMILLI	02/22/2017

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:	15441711	-

CORRESPONDENCE DATA

Fax Number: (410)630-1656 **Phone:** 410-705-6401

Email: GUNTHER@gibbiplaw.com

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.

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

Address Line 2: SUITE 200

Address Line 4: ANNAPOLIS, MARYLAND 21401

ATTORNEY DOCKET NUMBER:	IBUR021-US-NP
NAME OF SUBMITTER:	PAMELA M. RILEY
Signature:	/PAMELA M. RILEY/
Date:	02/24/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

 $source = IBUR021USNP_DECLARATIONASSIGNMENT_02-24-17\#page1.tif\\ source = IBUR021USNP_DECLARATIONASSIGNMENT_02-24-17\#page2.tif\\ source = IBUR021USNP_DECLARATIONASSIGNMENT_02-24-17\#page3.tif\\$

RECEIPT INFORMATION

EPAS ID: PAT4290789 **Receipt Date:** 02/24/2017

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F Ref. No.: IBUR021-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	METHOD OF FORMING AN INTEGRATED CIRCUIT (IC) WITH SHALLOW
Invention	TRENCH ISOLATION (STI) REGIONS AND THE RESULTING IC STRUCTURE
	DECLARATION
As the below	named inventor, I hereby declare that:
This declaration is directed to:	on The attached application, or
	United States application or PCT international application number filed on
The above-ide	ntified 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 or imprison	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.
	ed and understand the contents of the application and am aware of the duty to disclose to the US Patent and fice all information known to me to be material to patentability as defined in 37 CFR § 1.56.
	ASSIGNMENT
hereby sell, ass Grand Caymar the invention li any foreign con extensions ther and Applicatio including but n proceedings as	and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I sign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Ugland House, a KY1-1104 its successors and assigns, absolutely and forever, my entire right, title and interest in and to isted above, together with the Application, any and all Patents that may issue in the United States and/or untries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or reof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents ans, 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 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.
	of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof less remain in full force and effect.
LEGAL NAMI	E OF INVENTOR
Inventor:	Anthony K. Stamper Date: FCb 23, 2017
Signature:	Chach
	ntion data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. I form for each additional inventor.

84625460v1

F Ref. No.: IBUR021-US-NP

COMBIN 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	METHOD OF FORMING AN INTEGRATED CIRCUIT (IC) WITH SHALLOW
Invention	TRENCH ISOLATION (STI) REGIONS AND THE RESULTING IC STRUCTURE
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarate is directed to:	VV
	United States application or PCT international application number filed 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.
	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 bereby 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.	
	n of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect.
LEGAL NAM	IE OF INVENTOR
Inventor:	Steven M. Shank Date: 2/81/17
Signature:	1ton 94, May
	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. al form for each additional inventor.

F Ref. No.: IBUR021-US-NP

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) METHOD OF FORMING AN INTEGRATED CIRCUIT (IC) WITH SHALLOW Title of Invention TRENCH ISOLATION (STI) REGIONS AND THE RESULTING IC STRUCTURE 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 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 NAME OF INVENTOR Date: Feb 22nd 2017 Inventor: Siva P. Adusumilli 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.

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PATENT REEL: 041820 FRAME: 0303

RECORDED: 02/27/2017