PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4289825

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHIGANG SONG	02/08/2017
QIAN XU	02/08/2017
WILLIAM DAVIES JR	02/12/2017

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:	15440791

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.

Email: mcloughlin@gibbiplaw.com

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

Address Line 2: SUITE 200

Address Line 4: ANNAPOLIS, MARYLAND 21401

ATTORNEY DOCKET NUMBER:	IFIS038-US-NP
NAME OF SUBMITTER:	FREDERICK W. GIBB
SIGNATURE:	/FREDERICK W. GIBB, III/
DATE SIGNED:	02/24/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT REEL: 041365 FRAME: 0501 source=IFIS038-US-NP_DECLARATION_ASSIGNMENT_02-22-2017#page2.tif source=IFIS038-US-NP_DECLARATION_ASSIGNMENT_02-22-2017#page3.tif

PATENT REEL: 041365 FRAME: 0502

GF Ref. No.: IFIS038-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 RANKING DEFECTS WITH YIELD IMPACTS 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: 2/8/2017 inventor: Zhigang Song 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.: IFIS038-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	RANKING DEFECTS WITH YIELD IMPACTS
	DECLARATION
As the below na	amed inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application number filed on
The above-iden	tified application was made or authorized to be made by me.
I believe that I a	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.	
Signature: Note: An applicati	on data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 041365 FRAME: 0504

OF ROLLING BUSINESS AND

COMBINED DECLARATION (66) ASSIGNMENT (37 CFR ± 60) FOR UTILITY OR DESIGN APPLICATION DATA SHEET (37 CFR ± 60)

Title of Invention	RANKING DEFECTS WITH YIELD IMPACTS
	DECLARATION
As the below	surred inventor. I hereby declare that
	on [] The attached application, or
	United States application or PCT international application marrier. filed on
The above al	moded application was made or authorized to be made by me
Determin	I are the original investor or an original joint inventor of a change, invention in the application
	ereferential are relified below solutions in ode to this declaration is published; under 18 (1.5.C., 100) by an out-of-or-one than the CO years or such
Trade (1991)	ed and understand the come mix of the application and an aware of the dust to disclose is the CS Pager and the collection to one to be natural to patentability as defined in 37 (FR § 1.56).
Increte call a control of the invention of the control of the cont	ASSIGNMENT and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged. I sage, transfer, to GLOBALFOUNDRIES line, having a business address of PO Box 309, Ugland House, in XY1-1104 its successors and essigns, absolutely and forever, my entire right, title and interest in and to listed above, together with the Application, any and all Patents that may issue in the United States and/or purifies, and any reusues re-examinations, renewals, continuations continuations in parts divisionals or treof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents one, for the United States and all foreign countries, and all the rights and privileges relating thereign not brained to the priority rights arising from said Applications, the right to recover and take all such a 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. In of this Combined Declaration or Assignment is held unenforceable, then remaining partions hereofeless remain in full force and effect.
	E OF INVENTOR
	William Davies, Ir. Dave
Note: No appli	and data sheet (7 14 St.) and equivalently including parting the entry inventor entry in a company the form

RECORDED: 02/24/2017

PATENT

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