PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5468826

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAHER KAGALWALA	01/17/2019
SRIDHAR MAHENDRAKAR	01/21/2019
ALOK VAID	01/17/2019

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:	16221631

CORRESPONDENCE DATA

Fax Number: (516)977-3495

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: +15166204572

Email: dswirsky@alphapatent.com

Correspondent Name: DANIEL J. SWIRSKY Address Line 1: 11 REUVEN STREET

Address Line 4: BEIT SHEMESH, ISRAEL 9954419

ATTORNEY DOCKET NUMBER:	2698-US
NAME OF SUBMITTER:	DANIEL J. SWIRSKY
SIGNATURE:	/DANIEL J. SWIRSKY/
DATE SIGNED:	04/11/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT REEL: 048853 FRAME: 0868

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PATENT REEL: 048853 FRAME: 0869

GF Ref. No.:

COMBINE	ED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)
Title of Invention	MEASURING COMPLEX STRUCTURES IN SEMICONDUCTOR FABRICATION
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	
ao siroctod to.	United States application or PCT international application number 16/221.631 filed on December 17, 2018
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.
	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
hereby sell, a HOUSE, GRa entire right, ti may issue in continuation- inventions co and privileges recover and ta	and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I ssign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO BOX 309, UGLAND AND CAYMAN, CAYMAN ISLANDS KY1-1104 its successors and assigns, absolutely and forever, my tle and interest in and to the invention listed above, together with the Application, any and all Patents that the United States and/or any foreign countries, and any reissues, re-examinations, renewals, continuations, in-parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the mained in said Patents and Applications, for the United States and all foreign countries, and all the rights a relating thereto including but not limited to the priority rights arising from said Applications, the right to ake all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, atture 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	ME OF INVENTOR
Inventor:	Taher KAGALWALA Date: Oi 17 19
Signature:	Jahr Jahr
	(/ ication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. The form for each additional inventor.

PATENT REEL: 048853 FRAME: 0870

GF Ref. No.:

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	MEASURING COMPLEX STRUCTURES IN SEMICONDUCTOR FABRICATION
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	
is uncolou to.	United States application or PCT international application number16/221,631 filed on December 17, 2018
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.
	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
hereby sell, as HOUSE, GRA entire right, ti may issue in to continuation- inventions co and privileges recover and ta	and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I ssign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO BOX 309, UGLAND AND CAYMAN, CAYMAN ISLANDS KY1-1104 its successors and assigns, absolutely and forever, my the and interest in and to the invention listed above, together with the Application, any and all Patents that the United States and/or any foreign countries, and any reissues, re-examinations, renewals, continuations, in-parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the nationed in said Patents and Applications, for the United States and all foreign countries, and all the rights a relating thereto including but not limited to the priority rights arising from said Applications, the right to ake all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, atture 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	ME OF INVENTOR
Inventor:	Sridhar MAHENDRAKAR Date: 01-21-2019
Signature:	
	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 048853 FRAME: 0871

GF Ref. No.:

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	MEASURING COMPLEX STRUCTURES IN SEMICONDUCTOR FABRICATION
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarati	on The attached application, or
is directed to.	United States application or PCT international application number
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 flice all information known to me to be material to patentability as defined in 37 CFR § 1.56.
	ASSIGNMENT
hereby sell, as HOUSE, GRA entire right, to may issue in to continuation- inventions co- and privileges recover and ta	and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I ssign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO BOX 309, UGLAND AND CAYMAN, CAYMAN ISLANDS KYI-1104 its successors and assigns, absolutely and forever, my the and interest in and to the invention listed above, together with the Application, any and all Patents that the United States and/or any foreign countries, and any reissues, re-examinations, renewals, continuations, in-parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the national in said Patents and Applications, for the United States and all foreign countries, and all the rights is relating thereto including but not limited to the priority rights arising from said Applications, the right to ake all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, atture 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 NAN	TE OF INVENTOR
Inventor:	Alok VAID Date: 1/710
Signature:	_ Wile
	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. all form for each additional inventor.

PATENT REEL: 048853 FRAME: 0872

RECORDED: 04/11/2019