506474132 01/28/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6520909

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUSHENG BIAN	01/26/2021
DOMINGO FERRER	01/27/2021
RODERICK A. AUGUR	01/27/2021
MICHAL RAKOWSKI	01/27/2021

RECEIVING PARTY DATA

Name:	GLOBALFOUNDRIES U.S. INC.
Street Address:	2600 GREAT AMERICA WAY
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17160710

CORRESPONDENCE DATA

Fax Number: (937)443-6635

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: 937-443-6600

Email: ipdocket@thompsonhine.com

THOMPSON HINE LLP **Correspondent Name:**

10050 INNOVATION DRIVE Address Line 1:

Address Line 2: SUITE 400

Address Line 4: DAYTON, OHIO 45342-4934

ATTORNEY DOCKET NUMBER:	GF2020194-US-NP
NAME OF SUBMITTER:	WILLIAM R. ALLEN
SIGNATURE:	/William R. Allen/
DATE SIGNED:	01/28/2021

Total Attachments: 4

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> **PATENT** REEL: 055062 FRAME: 0225

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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	BRAGG GRATINGS WITH SILICIDE-COATED SEGMENTS
	DECLARATION
As the below	named inventor, I hereby declare that:
This declarate	
	United States application or PCT international application number filed on
The above-id	lentified 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.
	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine nent of not more than five (5) years, or both.
I have review 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
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 2600 Great America Way, Santa Clara, CA 95054 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.	
	on of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof heless remain in full force and effect.
LEGAL NA	ME OF INVENTOR
Inventor:	1/26/2021
Signature	: Yusheng Bian
Note: An app	olication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

COMBINE	D DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)
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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 2600 Great America Way, Santa Clara, CA 95054 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 never	cheless remain in full force and effect.
Inventor Signatur	: Donnip Terre
Note: An ap Use an addit	plication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

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	wed 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, a Santa Clara, to the invent any foreign of extensions the and Application but not limit may be necessaria.	d 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 2600 Great America Way, CA 95054 U.S.A., its successors and assigns, absolutely and forever, my entire right, title and interest in and ion listed above, together with the Application, any and all Patents that may issue in the United States and/or countries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or hereof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents tions, for the United States and all foreign countries, and all the rights and privileges relating thereto including red to the priority rights arising from said Applications, the right to recover and take all such proceedings as assay for the recovery of damages or otherwise in respect of past, present and future infringement, and the y for, take and maintain patents on said inventions.
	on of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof cheless remain in full force and effect.
LEGAL NA	ME OF INVENTOR
Inventor:	Roderick A. Augur Date: 27 January 2021
Signature	:KAugur
	olication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

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I have reviev Trademark (wed 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.
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	ion of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof theless remain in full force and effect.
LEGAL NA	ME OF INVENTOR
Inventor:	Michal Rakowski Date: Jan 27 2021
Signature	e: Michael Roko Shi
	plication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 055062 FRAME: 0230

RECORDED: 01/28/2021