506445526 01/12/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6492295

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ТА				
		Name	Execution Date		
YUSHENG BIAN			01/11/2021		
RODERICK A. AUGUR			01/10/2021		
KENNETH J. GIEWONT			01/11/2021		
KAREN NUMMY			01/11/2021		
EDWARD KIEWRA			01/11/2021		
STEVEN M. SHANK			01/10/2021		
RECEIVING PARTY DAT	A				
Name:	GLOBALFOUNDRIES U.S. INC.				
Street Address:	2600 GREAT AMERICA WAY				
City:	SANTA CLARA				
Otata /Oauntmu	CALIFORNIA				
State/Country:	CALIFO	DRNIA			
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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 InventionOPTICAL COMPONENTS IN THE BACK-END-OF-LINE STACK OF A PHOTONICS CHIP
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 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 nevertheless remain in full force and effect.
LEGAL NAME OF INVENTOR
Inventor: Yusheng Bian Date : 1/11/2021
Signature: Yusheng Bian
/ 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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I believe that I a	m the original inventor or an original joint inventor of a claimed invention in the application.
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	and understand the contents of the application and am aware of the duty to disclose to the US Patent and ce all information known to me to be material to patentability as defined in 37 CFR § 1.56 .
	ASSIGNMENT
hereby sell, assi Santa Clara, CA to the invention any foreign cou extensions there and Application but not limited to may be necessar	ad valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I gn, transfer, to GLOBALFOUNDRIES U.S. Inc., having a business address of 2600 Great America Way, 95054 U.S.A., its successors and assigns, absolutely and forever, my entire right, title and interest in and listed above, together with the Application, any and all Patents that may issue in the United States and/or ntries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or of that may be issued or granted, and all right, title and interest to the inventions contained in said Patents s, for the United States and all foreign countries, and all the rights and privileges relating thereto including o the priority rights arising from said Applications, the right to recover and take all such proceedings as y for the recovery of damages or otherwise in respect of past, present and future infringement, and the r, take and maintain patents on said inventions.
	of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof ess remain in full force and effect.
LEGAL NAME	OF INVENTOR
	Roderick A. Augur Date : 10th January 2021
Signature:	RAugur
	U tion data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. form for each additional inventor.

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LEGAL NAME OF INVENTOR 1/11/2021
Inventor: Kenneth J. Giewont Date :
Signature: To have Tremont
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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LEGAL NAME OF INVENTOR
Inventor: Karen Nummy Date : 1/11/21
Signature: Karen Nummy
V 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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LEGAL NAME OF INVENTOR
Inventor: Edward Kiewra Date : January 11. 2021
Signature: Solar L.
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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LEGAL NAME OF INVENTOR
Inventor: Steven M. Shank Date : $\frac{1/10/21}{1/10/21}$
Signature: Steven M. Shank
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.