#### 12/11/2018 505230367

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5277137

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
STEVEN M. SHANK	12/09/2018
ANTHONY K. STAMPER	12/10/2018
JOHN J. ELLIS-MONAGHAN	12/07/2018
VIBHOR JAIN	12/10/2018
JOHN J. PEKARIK	12/07/2018

### 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:	16216027

## **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

ipdocket@thompsonhine.com Email:

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:	KBUR014-US-NP
NAME OF SUBMITTER:	WILLIAM R. ALLEN
SIGNATURE:	/William R. Allen/
DATE SIGNED:	12/11/2018

# Total Attachments: 5 source=KBUR014-US-NP\_Dec#page1.tif source=KBUR014-US-NP\_Dec#page2.tif source=KBUR014-US-NP\_Dec#page3.tif source=KBUR014-US-NP\_Dec#page4.tif source=KBUR014-US-NP\_Dec#page5.tif

## 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	OPTICAL SWITCHES AND ROUTERS WITH HEATERS
	DECLARATION
As the below named inventor, I hereby declare that:	
This declaration is directed to:	KA
	United States application or PCT international application number filed on
The above-ide	entified application was made or authorized to be made by me.
I believe that	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 comment 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.	
	n of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect.
LEGAL NAM Inventor:	Steven M. Shank  Date: 12/9/2018
Signature:	Mun M. Mark
Note: An appli	eation data cheet (PTO/SR/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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77 (19) 77 (19)	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 shall neverthe	of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect.
	E OF INVENTOR Anthony K. Stamper  Date: 12/10/2019

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LEGAL NAM Inventor: Signature:	John J. Ellis-Monaghan  Date: 12/7/18
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LEGAL NAM Inventor: Signature:	E OF INVENTOR Vibhor Jain Date: 12/10/2018
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**RECORDED: 12/11/2018**