# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6284867

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

### **CONVEYING PARTY DATA**

| Name        | Execution Date |
|-------------|----------------|
| HUI ZANG    | 11/29/2018     |
| RUILONG XIE | 11/28/2018     |

## **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: | 17012266 |

## CORRESPONDENCE DATA

**Fax Number:** (703)848-2981

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: sovando@rmsclaw.com

Correspondent Name: ANDREW M. CALDERON

**Address Line 1:** 7918 JONES BRANCH DRIVE, SUITE 500

Address Line 4: MCLEAN, VIRGINIA 22102

| NAME OF SUBMITTER:             | ANDREW M. CALDERON   |  |
|--------------------------------|--|--|
| SIGNATURE:                     | Andrew M. Calderon/  |  |
| <b>DATE SIGNED:</b> 09/04/2020 |  |  |
|                                | This document serves as an Oath/Declaration (37 CFR 1.63). |  |

**Total Attachments: 2** 

source=KMLT289-US-NP\_FiledAssigDec#page1.tif source=KMLT289-US-NP\_FiledAssigDec#page2.tif

PATENT 506238123 REEL: 053696 FRAME: 0055

| COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)  |  |
|--|--|
| Title of<br>Invention  | MIDDLE OF LINE STRUCTURES  |
|  | DECLARATION  |
| As the below   | named inventor, I hereby declare that:   |
| This declarati is directed to:   | on The attached application, or  |
|  | United States application or PCT international application number filed on   |
| Pri 1 1  |  |
|  | 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.                  |
| 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, CAYMAN ISLANDS 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. |  |
| _  | E OF INVENTOR  Hui ZANG  Date: 11/29/20/8  |
| Note: An applic  | cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. |

PATENT REEL: 053696 FRAME: 0056

| COMBINED DECL   | ARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)   |
|---|--|
| Title of Invention  | LE OF LINE STRUCTURES  |
|   | DECLARATION  |
| As the below named in   | ventor, I hereby declare that:   |
| This declaration [5] is directed to:  | The attached application, or   |
|   | United States application or PCT international application numberfiled on  |
| The above-identified ap   | plication was made or authorized to be made by me.   |
| I believe that I am the o   | riginal inventor or an original joint inventor of a claimed invention in the application.  |
| I hereby acknowledge to<br>or imprisonment of not   | hat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years, or both.   |
| I have reviewed and und<br>Trademark Office all in  | derstand the contents of the application and am aware of the duty to disclose to the US Patent and formation known to me to be material to patentability as defined in 37 CFR § 1.56.  |
|   | ASSIGNMENT   |
| HOUSE, GRAND CAY entire right, title and into may issue in the United continuation-in-parts, di inventions contained in and privileges relating the recover and take all such | ble consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I sfer, to GLOBALFOUNDRIES Inc. having a business address of PO BOX 309, UGLAND MAN, CAYMAN ISLANDS KY1-1104 its successors and assigns, absolutely and forever, my erest in and to the invention listed above, together with the Application, any and all Patents that States and/or any foreign countries, and any reissues, re-examinations, renewals, continuations, visionals or extensions thereof that may be issued or granted, and all right, title and interest to the said Patents and Applications, for the United States and all foreign countries, and all the rights hereto including but not limited to the priority rights arising from said Applications, the right to a proceedings as may be necessary for the recovery of damages or otherwise in respect of past, gement, and the right to apply for, take and maintain patents on said inventions. |
| If any portion of this C shall nevertheless rema  | ombined Declaration or Assignment is held unenforceable, then remaining portions hereof in in full force and effect.   |
|   |  |
| LEGAL NAME OF INV   | ENTOR  |
| Inventor: Ruilong >   | Date: 11/28/2018   |
| Signature:  |  |
| Note: An application data<br>Use an additional form for   | sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. each additional inventor.   |

**PATENT** 

RECORDED: 09/04/2020 REEL: 053696 FRAME: 0057