PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4011249

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| SYLVIE M. MIGNOT | 05/04/2015 |
| WENHUI WANG | 05/05/2015 |

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: | 15239178 |

CORRESPONDENCE DATA

Fax Number: (518)449-0047

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: 518-449-0044

Email: ptocommunications@hoffmanwarnick.com,

Itorres@hoffmanwarnick.com

Correspondent Name: HOFFMAN WARNICK LLC

Address Line 1: 540 BROADWAY
Address Line 2: 4TH FLOOR

Address Line 4: ALBANY, NEW YORK 12207

| ATTORNEY DOCKET NUMBER: | FIS920150073US2 |
|-------------------------|--|
| NAME OF SUBMITTER: | AMANDA J. SMITH |
| SIGNATURE: | /AMANDA J. SMITH/ |
| DATE SIGNED: | 08/17/2016 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 2

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PATENT 503964594 REEL: 039467 FRAME: 0888

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PATENT REEL: 039467 FRAME: 0889 IBM Ref. No.: FIS920150073US1 GF Ref. No

COMBINED DECLARATION and ASSIGNMENT (37 CFR L63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR L76)

| Tista | VIA FORMATION USING SIDEWALL IMAGE TRANSFER PROCESS |
|---|--|
| Title of Invention | TO DEFINE LATERAL DIMENSION |
| | |
| | DECLARATION |
| As the below | named inventor, I hereby declare that: |
| This declarati | V |
| | United States application or PCT international application numberfiled on |
| | 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 onment of not more than five (5) years, or both. |
| I have review Trademark O | 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 Grand Cayma the invention any foreign co extensions the and Applicati- including but proceedings a | 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 House, in KY1-1104 its successors and assigns, absolutely and forever, my entire right, title and interest in and to listed above, together with the Application, any and all Patents that may issue in the United States and/or nuntries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or treof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents ons, for the United States and all foreign countries, and all the rights and privileges relating thereto not limited to the priority rights arising from said Applications, the right to recover and take all such s may be necessary for the recovery of damages or otherwise in respect of past, present and future and the right to apply for, take and maintain patents on said inventions. |
| If any portio shall neverth | n of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof cless remain in full force and effect. |
| | |
| LEGAL NAN | 4E OF INVENTOR: Sylvie M. Mignot |
| Inventor: | 5 Nignot Date: 05-04-15 |
| Signature: | - Digase |

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PATENT REEL: 039467 FRAME: 0890 IBM Ref. No.: FIS920150073US1 GF Ref. No

| | Venhui Wond | Date: | 155-05-15 |
|-------------------|--------------|-------|-----------|
| iventor: <u>y</u> | vanimi sasiā | Date: | <u> </u> |
| ignature: | 4319 | | |
| New 11 (1) (1) | | | |

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RECORDED: 08/17/2016

PATENT REEL: 039467 FRAME: 0891