504997674 07/11/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5044422

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| JOHN A. FIFIELD | 06/14/2018 |
| ERIC HUNT-SCHROEDER | 06/14/2018 |

RECEIVING PARTY DATA

| Name: | GLOBALFOUNDRIES INC. | |
|-------------------|----------------------|--|
| Street Address: | P.O. 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: | 16032100 |

CORRESPONDENCE DATA

Fax Number: (410)630-1656

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: 4107056400

Email: baumann@gibbiplaw.com
Correspondent Name: FREDERICK W. GIBB, III
Address Line 1: 844 WEST STREET

Address Line 2: SUITE 300

Address Line 4: ANNAPOLIS, MARYLAND 21401

| ATTORNEY DOCKET NUMBER: | JBUR072-US-NP |
|-------------------------|--|
| NAME OF SUBMITTER: | PAMELA M. RILEY |
| SIGNATURE: | /Pamela M. Riley/ |
| DATE SIGNED: | 07/11/2018 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 2

source=JBUR072-US-NP_Declaration-Assignment_07-10-2018#page1.tif source=JBUR072-US-NP_Declaration-Assignment_07-10-2018#page2.tif

PATENT 504997674 REEL: 046313 FRAME: 0319

GF Ref. No.: JBUR072-US-NP

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 | MEMORY ARRAY INCLUDING DISTRIBUTED REFERENCE CELLS FOR CURRENT SENSING | |
|---|---|--|
| | 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-ide | 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 or imprise | 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 reviewe Trademark Of | ed and understand the contents of the application and am aware of the duty to disclose to the US Patent and fice 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. | | |
| | n of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect. | |
| LEGAL NAM | IE OF INVENTOR | |
| Inventor: | John A. Fifield Date: 6/14/18 | |
| Signature: John a Frfield | | |
| Note: An applic | cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. al form for each additional inventor. | |

PATENT REEL: 046313 FRAME: 0320

GF Ref. No.: JBUR072-US-NP

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 | MEMORY ARRAY INCLUDING DISTRIBUTED REFERENCE CELLS FOR CURRENT SENSING |
|---|--|
| | DECLARATION |
| As the below | named inventor, I hereby declare that: |
| This declarati | 1/ \(\) |
| | United States application or PCT international application number filed on |
| The above-id | 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 ackn fine or impris | nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by sonment 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. | |
| | on of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof neless remain in full force and effect. |
| | |
| LEGAL NAN | ME OF INVENTOR |
| Inventor: | Eric Hunt-Schroeder Date: 6/14/18 |
| Signature: | Eric Hut-Schroeder |
| Note: An appli | ication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. |

RECORDED: 07/11/2018

PATENT REEL: 046313 FRAME: 0321