505843580 01/02/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5890516

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------|----------------|
| ZISHAN ALI SYED MOHAMMED | 12/23/2019 |
| LULU PENG | 12/20/2019 |
| LAWRENCE SELVARAJ SUSAI | 12/30/2019 |
| CHOR SHU CHENG | 12/20/2019 |

RECEIVING PARTY DATA

| Name: | GLOBALFOUNDRIES SINGAPORE PTE. LTD. |
|-----------------|---|
| Street Address: | 60 WOODLANDS INDUSTRIAL PARK D STREET 2 |
| City: | SINGAPORE |
| State/Country: | SINGAPORE |
| Postal Code: | 738406 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16729545 |

CORRESPONDENCE DATA

Fax Number: (617)849-5451

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: globalfoundries@vjp.de

Correspondent Name: VIERING, JENTSCHURA & PARTNER MBB
Address Line 1: C/O 444 BRICKELL AVENUE, SUITE 51270

Address Line 4: MIAMI, FLORIDA 33131

| ATTORNEY DOCKET NUMBER: | P117253US |
|-------------------------|--------------------------------|
| NAME OF SUBMITTER: | NATALIE A. LEE |
| SIGNATURE: | /Natalie A. Lee, Reg.# 67,023/ |
| DATE SIGNED: | 01/02/2020 |

Total Attachments: 4

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PATENT 505843580 REEL: 051397 FRAME: 0345

COMBINED DECLARATION 308 ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

| Title of Invention | INDUCTIVE DEVICES AND METHODS OF FORMING INDUCTIVE DEVICES |
|--|---|
| | DECLARATION |
| As the before | remed inventor, t hereby declare that. |
| This decision is directed to: | . A minimum differential in |
| | United States application or PCT international application number filed on |
| The shove-identified application was underly unthorized to be made by the | |
| I believe that | I aim the original inventor or an original joint inventor of a claimed invention in the application. |
| I haveby acknowledge that any willful false statement made in this decimation is punishable under 18 U.S.C. 1991 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 Singapore Ptc. Ltd. having a business address of 60 Woodlands Industrial Park D Street 2. Singapore 738406 its successors and assigns, absolutely and forever, my enture 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, enewals, communitions, continuations/in-party, 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 salarwise in respect of past, present and inture infringement, and the right to sport 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 NA | ME OF INVENTOR Zishan All SYED MÖHAMMED Date: 23/12/2019 |
| layemor: | |
| Signature: | Syed Hd Zishan Ali |
| | iestion data sheet (FTO/SE/14 or equivalent), including naming the entire inventive entity, must accompany this form, nat form for each additional inventor. |

3862846042

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 | INDUCTIVE DEVICES AND METHODS OF FORMING INDUCTIVE DEVICES |
|---|---|
| | DECLARATION |
| As the below | named inventor, I hereby declare that: |
| This declarati | |
| 0.5 | United States application or PCT international application numberfiled 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. |
| | 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 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 Singapore Pte. Ltd. having a business address of 60 Woodlands Industrial Park D Street 2, Singapore 738406 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, contained any inventions 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 NAI | ME OF INVENTOR |
| Inventor: | Lulu PENG Date: 20/9//2/20 |
| Signature: | le y lulu |
| | ication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. nal form for each additional inventor. |

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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 Invention | INDUCTIVE DEVICES AND METHODS OF FORMING INDUCTIVE DEVICES |
|--|--|
| | DECLARATION |
| As the below | named inventor, I hereby declare that: |
| This declarati | on |
| | 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 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 Singapore Pte. Ltd. having a business address of 60 Woodlands Industrial Park D Street 2, Singapore 738406 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 NAN | 1E OF INVENTOR |
| Inventor: | Lawrence Selvaraj SUSAI Date: 39/12/2019 |
| Signature: Same Salvana | |
| | cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. asl form for each additional inventor. |

84625460v1

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 | INDUCTIVE DEVICES AND METHODS OF FORMING INDUCTIVE DEVICES |
|--|---|
| | DECLARATION |
| As the below | named inventor, I hereby declare that: |
| This declaration | |
| | 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. |
| | 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 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 |
| sell, assign, t Industrial Part interest in and United States parts, division contained in privileges rela- recover and ta | valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby transfer, to GLOBALFOUNDRIES Singapore Pte. Ltd. having a business address of 60 Woodlands to Street 2, Singapore 738406 its successors and assigns, absolutely and forever, my entire right, title and it to the invention listed above, together with the Application, any and all Patents that may issue in the and/or any foreign countries, and any reissues, re-examinations, renewals, continuations, continuation-in-als or extensions thereof that may be issued or granted, and all right, title and interest to the inventions said Patents and Applications, for the United States and all foreign countries, and all the rights and using thereto including but not limited to the priority rights arising from said Applications, the right to take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, ture 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 NAM | E OF INVENTOR |
| Inventor: | Chor Shu CHONG Date: 20/12/19. |
| Signature: | |
| | cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. al form for each additional inventor. |

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PATENT REEL: 051397 FRAME: 0349

RECORDED: 01/02/2020