#### 503381214 07/07/2015

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3427836

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

#### **CONVEYING PARTY DATA**

| Name            | Execution Date |
|-----------------|----------------|
| ZHENDONG HONG   | 08/28/2013     |
| SUSIE TZENG     | 08/23/2013     |
| AMOL JOSHI      | 08/29/2013     |
| ASHISH BODKE    | 08/17/2013     |
| DIVYA PISHAROTY | 08/21/2013     |
| USHA RAGHURAM   | 08/22/2013     |
| OLOV KARLSSON   | 08/25/2013     |
| KISIK CHOI      | 08/21/2013     |
| SALIL MUJUMDAR  | 08/21/2013     |
| PAUL R. BESSER  | 08/20/2013     |
| JINPING LIU     | 08/21/2013     |
| HOON KIM        | 08/26/2013     |

#### **RECEIVING PARTY DATA**

| Name:             | GLOBALFOUNDRIES Inc.              |
|-------------------|-----------------------------------|
| Street Address:   | Maples Corporate Services Limited |
| Internal Address: | PO Box 309, Ugland House          |
| City:             | Grand Cayman                      |
| State/Country:    | CAYMAN ISLANDS                    |
| Postal Code:      | KY1-1104                          |

#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14793005 |

#### **CORRESPONDENCE DATA**

**Fax Number:** (713)434-6671

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:** 7134346677

Email: mpaul@amersoniplaw.com

Correspondent Name: J. MIKE AMERSON

Address Line 1: 2500 FONDREN ROAD, SUITE 220

PATENT
REEL: 036008 FRAME: 0804

503381214

| Address Line 4: HO                           | USTON, TEXAS 77063   |
|--|--|
| ATTORNEY DOCKET NUMBER:                      | 2162.233082/DU584D   |
| NAME OF SUBMITTER:                           | J. MIKE AMERSON  |
| SIGNATURE:                                   | /J. Mike Amerson/  |
| DATE SIGNED:                                 | 07/07/2015   |
|  | This document serves as an Oath/Declaration (37 CFR 1.63). |
| Total Attachments: 12                        |  |
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source=Declaration\_and\_Assignment#page12.tif

| Title of<br>Invention  | METHODS OF FORMING GATE STRUCTURES FOR TRANSISTOR DEVICES FOR CMOS APPLICATIONS AND THE RESULTING PRODUCTS  |
|--|---|
|  | 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 comment of not more than five (5) years, or both.   |
|  | 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.   |
| hereby sell, as Grand Cayman the invention I any foreign co extensions the and Application including but a proceedings as infringement, and If any portion | ASSIGNMENT  and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I sign, 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 isted above, together with the Application, any and all Patents that may issue in the United States and/or contries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or reof 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 as 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.  The Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect. |
|  | E OF INVENTOR  ZHENDONG HONG  Date: 8/28/17   |
| Signature:   | July It   |
|  | ration data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.  |

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| I have reviewe<br>Trademark Oi  | 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   |  |  |
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|   |  |  |  |
| LEGAL NAM   | IE OF INVENTOR   |  |  |
| Inventor:   | SUSIE TZENG Date: Aug 23 2013  |  |  |
| Signature:  | Sing   |  |  |
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| Inventor:<br>Signature:  | E OF INVENTOR  AMOL JOSHI  Date: 08/29/2013  OJOShi  cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.                                 |  |

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| LEGAL NAM  | ME OF INVENTOR   |  |
| Inventor:  | ASHISH BODKE Date: 8/17/2013   |  |
| Signature:   | 15 podk  |  |
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| Inventor:  | DIVYA PISHAROTY  Date: 08/21/2013  Divya Pisharoty   |  |
| Note: An appue   | ation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.  If form for each additional inventor. |  |

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| LEGAL NAM   | E OF INVENTOR   |  |
| Inventor:   | USHA RAGHURAM Date: 8/22/2013   |  |
| Signature:  | Wha Roghuson  |  |
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|   |  |  |
| LEGAL NAM   | IE OF INVENTOR   |  |
| Inventor:   | OLOV KARLSSON Date: Aug 25, 20/3   |  |
| Signature:  | Olao Kalen   |  |
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**PATENT** 

REEL: 036008 FRAME: 0812

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| LEGAL NAME OF INVENTOR  |   |  |  |
| hoventor:   | KISIK CHOI Date: 8/21//3  |  |  |
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| Note: An appli<br>Use an addition   | cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entiry, must accompany this form.  at form for each additional inventor. |  |  |

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| Inventor:   | SALILMUJUMDAR Date: 8/21/2013   |  |  |
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|  | PAUL BESSER Date: 8/20/13   |  |  |
| Signature  | Paul R Bossu  |  |  |
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| I have review<br>Trademark O  | 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. |  |  |  |
| If any portion of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof<br>shall nevertheless remain in full force and effect.  |  |  |  |
| LEGAL NAME OF INVENTOR  |  |  |  |
| Inventor  | ME OF INVENTOR  Date: 8/2//2013  |  |  |
| Signature   | Sand and Control of the sand and the sand an |  |  |
|   | lication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.   |  |  |

| Title of<br>Invention  | METHODS OF FORMING GATE STRUCTURES FOR TRANSISTOR DEVICES FOR CMOS APPLICATIONS AND THE RESULTING PRODUCTS  |  |
|--|---|--|
|  | DECLARATION   |  |
| As the below   | named inventor, I hereby declare that:  |  |
| This declarati   |   |  |
|  | United States application or PCT international application numberfiled 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   |   |  |
| freedy sell, as<br>Grand Cayman<br>the invention I<br>any foreign co<br>extensions the<br>and Application<br>including but I<br>proceedings as   | and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I sign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Ugland House, in KYI-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 puntries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or reof 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 is 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 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:  | HOON KIM Date: 8/16/2013  |  |
| Signature:   | H   |  |
| Note: An applic<br>Use an addition:  | ation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.<br>Il form for each additional inventor.  |  |

PATENT REEL: 036008 FRAME: 0817

**RECORDED: 07/07/2015**