503119617 12/30/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3166225

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RUILONG XIE	12/19/2014
XIUYU CAI	12/22/2014

RECEIVING PARTY DATA

Name:	GLOBALFOUNDRIES INC.
Street Address:	MAPLES CORPORATE SERVICES LIMITED
Internal Address:	P.O. BOX 309, UGLAND HOUSE
City:	GRAND CAYMAN
State/Country:	CAYMAN ISLANDS
Postal Code:	KY1-1104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14584639

CORRESPONDENCE DATA

Fax Number: (206)682-6031

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: 206-622-4900 Email: terrid@seedip.com

Correspondent Name: SEED IP LAW GROUP PLLC Address Line 1: 701 FIFTH AVE, STE 5400

Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER: 13-ALCO-0829 (850163.421)	
NAME OF SUBMITTER: MARIAN E. SILBERSTEIN, PH.D.	
SIGNATURE: /Marian E. Silberstein/	
DATE SIGNED:	12/30/2014

Total Attachments: 2

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> **PATENT** REEL: 034603 FRAME: 0828 503119617

GF Ref. No.: GU312 (850163.421)

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	LARGE AREA CONTACTS FOR SMALL TRANSISTORS	
As the below	v named inventor, I hereby declare that:	
This declarated to		
is directed to	United States application or PCT international application number filed on	
The above-identified 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 Maples Corporate Services Limited, P.O. 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 any reissues, 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 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.		
LEGAL NAI	ME OF INVENTOR	
Inventor:	Ruilong XIE Date: 12/19/2014	
Signature:		
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional form for each additional inventor.		

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PATENT REEL: 034603 FRAME: 0829 GF Ref. No.: GU312 (850163.421)

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	LARGE AREA CONTACTS FOR SMALL TRANSISTORS
As the below named inventor, I hereby declare that:	
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is directed to	United States application or PCT international application number
The above-identified 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.	
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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.	
E with the second secon	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 Maples Corporate Services Limited, P.O. 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 any reissues, 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 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.	
LEGAL NA	ME OF INVENTOR
Inventor: Xiuyu CAI Date: 12/22/2018	
Signature:	
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional form for each additional inventor.	

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RECORDED: 12/30/2014

PATENT REEL: 034603 FRAME: 0830