

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3983049

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XIU YA CAI	10/07/2015
RUILONG XIE	10/07/2015
RECEIVING PARTY DATA	
Name:	GLOBALFOUNDRIES INC.
Street Address:	MAPLES CORPORATE SERVICES LIMITED, 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:	15222261
CORRESPONDENCE DATA	
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	YOR920150358US2(945 DIV)
NAME OF SUBMITTER:	JAMES J. BITETTO
SIGNATURE:	/jjb/
DATE SIGNED:	07/28/2016
Total Attachments: 4	
source=YOR920150358US2_Assignment_GF#page1.tif	
source=YOR920150358US2_Assignment_GF#page2.tif	
source=YOR920150358US2_Assignment_GF#page3.tif	
source=YOR920150358US2_Assignment_GF#page4.tif	

ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: **FORMING REPLACEMENT LOW-K SPACER IN TIGHT PITCH FIN FIELD EFFECT TRANSISTORS**

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

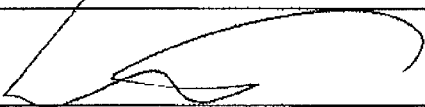
Serial Number: _____ (insert series code and serial number here if/when available)

Whereas, GLOBALFOUNDRIES Inc. is a Cayman Islands company with an address of Maples Corporate Services Limited, PO Box 309, Ugland House, Grand Cayman, KY1-1104, Cayman Islands (herein referred to as "GLOBALFOUNDRIES"), desires to acquire, and each undersigned Inventor desires to grant to GLOBALFOUNDRIES, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to GLOBALFOUNDRIES (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to GLOBALFOUNDRIES, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by GLOBALFOUNDRIES, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned Inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in GLOBALFOUNDRIES, its successors, legal representatives, and assigns, whenever requested by GLOBALFOUNDRIES, its successors, legal representatives, or assigns.

Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to GLOBALFOUNDRIES and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants GLOBALFOUNDRIES, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent application Serial Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

Executed by Inventor 1 of 2

Signature:  Date: 10/07/2015
(XIUYU CAI)

Executed by Inventor 2 of 2

Signature: _____ Date: _____
(RUILONG XIE)

ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: **FORMING REPLACEMENT LOW-K SPACER IN TIGHT PITCH FIN FIELD EFFECT TRANSISTORS**

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Executed by Inventor 1 of 2

Signature: _____ Date: _____
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