

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5605441

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	INTERNATIONAL BUSINESS MACHINES CORPORATION	11/28/2016
RECEIVING PARTY DATA		
Name:	International Business Machines Corporation	
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City:	Armonk	
State/Country:	NEW YORK	
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City:	GRAND CAYMAN	
State/Country:	CAYMAN ISLANDS	
Postal Code:	KY1-1104	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16503706	
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SIGNATURE:	/Andrew M. Calderon/	
DATE SIGNED:	07/05/2019	
Total Attachments: 2		
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ASSIGNMENT

FIS920150123US1
Application Serial No. 14/843,109

**Title of
Invention**

CHAMFERLESS VIA STRUCTURES

**U. S. application
number and filing
date**

Application Serial No. 14/843,109
Filed on 02-Sep-2015

WHEREAS, International Business Machines Corporation, hereinafter known as ASSIGNOR(S), is the owner of the entire right, title and interest for the United States and elsewhere throughout the world in and to said above identified invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof, by virtue of assignment recorded in the U.S. Patent and Trademark Office on September 2, 2015, at Reel/Frame: 036478/0842.

Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York and Globalfoundries Inc., whose post-office address is address is PO BOX 309, Ugland House, Grand Cayman, Cayman Islands, KY1-1104

(herein referred to as the "ASSIGNEES"), desire to jointly acquire 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, ASSIGNOR(S), hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEES, 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, ASSIGNOR(S) 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 the ASSIGNEES, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEES, 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 me had this Assignment not been made.

ASSIGNOR(S) acknowledge that any prior and ongoing obligations to sell, assign, and

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transfer such rights under this Assignment to the ASSIGNEE and are unaware of any reason why ASSIGNOR(S) may not have the full and unencumbered right to sell, assign, and transfer such rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. ASSIGNOR(S) also hereby grant the ASSIGNEES, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

AND said ASSIGNOR(S) authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEES, its assigns and legal representatives, in accordance herewith.

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.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

PERSON AUTHORIZED TO SIGN FOR ASSIGNOR:

Lisa M. Regan
Director of Finance, Research & Intellectual Property

Signature:

Lisa M. Regan

Date *11/28/16*