

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6712064

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HENG WU	04/22/2019
CHEN ZHANG	04/22/2019
KANGGUO CHENG	04/22/2019
TENKO YAMASHITA	04/22/2019
JOSHUA M. RUBIN	04/22/2019
RECEIVING PARTY DATA	
Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION
Street Address:	NEW ORCHARD ROAD
City:	ARMONK
State/Country:	NEW YORK
Postal Code:	10504
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17321563
CORRESPONDENCE DATA	
Fax Number:	(561)989-9812
<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>	
Phone:	561-989-9811
Email:	ptoboca@fggbb.com
Correspondent Name:	FLEIT INTELLECTUAL PROPERTY LAW
Address Line 1:	4800 N. FEDERAL HIGHWAY, SUITE B306
Address Line 4:	BOCA RATON, FLORIDA 33431
ATTORNEY DOCKET NUMBER:	P201803943US02
NAME OF SUBMITTER:	THOMAS S. GRZESIK
SIGNATURE:	/Thomas S. Grzesik/
DATE SIGNED:	05/17/2021
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 10	

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DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention: **REDUCING GATE RESISTANCE IN STACKED VERTICAL TRANSPORT FIELD EFFECT TRANSISTORS**

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

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Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned inventor desires to grant to IBM, 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 or has sold, assigns or has assigned, and otherwise transfers or has transferred to IBM (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 IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, 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 IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

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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.

(1) Legal Name of Inventor: **Heng WU**

Signature:  Date: 04/22/19

(2) Legal Name of Inventor: **Chen ZHANG**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Kangguo CHENG**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Tenko YAMASHITA**

Signature: _____ Date: _____

(5) Legal Name of Inventor: **Joshua M. RUBIN**

Signature: _____ Date: _____

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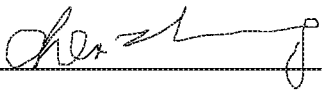
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(1) Legal Name of Inventor: **Heng WU**

Signature: _____ Date: _____

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Signature:  _____ Date: 4/22/2019

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Signature: *Josh M Rubin* Date: 4/22/19