504079983 11/03/2016

EPAS ID: PAT4126651

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KANGGUO CHENG	07/11/2014
BRUCE B. DORIS	07/11/2014
POUYA HASHEMI	07/11/2014
ALI KHAKIFIROOZ	07/11/2014
ALEXANDER REZNICEK	07/14/2014

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:	15342268

CORRESPONDENCE DATA

Fax Number: (516)742-4366

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.

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Correspondent Name: SCULLY, SCOTT, MURPHY & PRESSER, P.C.

Address Line 1: 400 GARDEN CITY PLAZA

Address Line 2: SUITE 300

Address Line 4: GARDEN CITY, NEW YORK 11530

ATTORNEY DOCKET NUMBER:	YOR920130404US4(30073AB)
NAME OF SUBMITTER:	LESLIE S. SZIVOS
SIGNATURE:	/Leslie S. Szivos/
DATE SIGNED:	11/03/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 504079983 REEL: 040211 FRAME: 0589

Total Attachments: 6

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> PATENT REEL: 040211 FRAME: 0590

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: METHOD OF FABRICATING ELECTROSTATICALLY ENHANCED FINS AND STACKED NANOWIRE FIELD EFFECT TRANSISTORS

As a below named and undersigned inventor, I hereby declare that:	
This declaration is directed to the attached application, or (if following box is checked):	
[] 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	ne application.
I have reviewed and understand the contents of the application, including the claims.	
I am aware of the duty to disclose to the United States Patent and Trademark Office all informaterial to patentability as defined in 37 CFR Section 1.56.	ition known to me to be
Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (here	in referred to as the

provided above in the header of this document;

Whereas, International Business Machines Corporation (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents

"Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number

directed thereto:

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my 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, I hereby authorize and request 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 ASSIGNEE, 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 ASSIGNEE, 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; and I agree 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 the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

IBM CONFIDENTIAL

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, 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. 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.

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.	Kangguo CHENG		
Signature			1/214
(2) Legal Name of Inventor:	Bruce B. DORIS		
Signature: (3) Legal Name of Inventor:	Pouya HASHEMI	Date: 7	<u> 111750</u> 18
Signature:		Date:	
(4) Legal Name of Inventor:			
Signature:		Date:	
Signature: Thex	and A	Date: July	14,2014

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I believe that I am the original inventor or an original joint inventor of a claimed invention in the	application.
I have reviewed and understand the contents of the application, including the claims.	
I am aware of the duty to disclose to the United States Patent and Trademark Office all informatimaterial to patentability as defined in 37 CFR Section 1.56.	on known to me to

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

Whereas, International Business Machines Corporation (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my 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, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my 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, I hereby authorize and request 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 ASSIGNEE, 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 ASSIGNEE, 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; and I agree 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 the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

Page 1 of 2

TEM CONFIDENTIAL

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(1) Legal Name of Inventor: Kangguo CHENG	
Signatore	
(2) Legal Name of Inventor: Bruce B. DORIS	
Signaturc	
(3) Legal Name of Inventor: Ponya HASHEMI Signature: (4) Legal Name of Inventor: Ali KHAKIFIROOZ	Date:
Signatore	Date:
(S) Legal Name of Inventor: Alexander REZNICEK	
Signature:	Date:

Page 2 of 2

IBM DOCKET NUMBER: YOR920130404US1

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The above-identified application was made or authorized to be made by me.	
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(1) Legal Name of Inventor: Kangguo CHENG	
Signsture:	Date:
(2) Legal Name of Inventor: Bruce B. DORIS	
Signature:	Date:
(3) Legal Name of Inventor: Pouya HASHEMI	
Signature:	Date:
(4) Legal Name of Inventor: Ali KHAKIFIROOZ. Signature:	Date: 3/1/2014
(5) Legal Name of Inventor: Alexander REZNICEK	
Signature:	

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PATENT REEL: 040211 FRAME: 0596