

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sunfei Fang	05/21/2007
Dae won Yang	05/21/2007
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:	11683590
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	7649-22
NAME OF SUBMITTER:	Candi L. Riggs
<p>Total Attachments: 3</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p>	

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**PATENT**  
**REEL: 019418 FRAME: 0810**



ASSIGNMENT

THIS ASSIGNMENT, made by us, Sunfei Fang, a citizen of the United States of America, residing at 46 Ehmer Drive, LaGrangeville, NY 12540; and Dae-won Yang, a citizen of the Republic of Korea, residing at 11 Clare Court, Hopewell Junction, NY 12533;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **METHODS OF FORMING INTEGRATED CIRCUIT STRUCTURES USING INSULATOR DEPOSITION AND INSULATOR GAP FILLING TECHNIQUES** for which an application was filed on March 8, 2007 and assigned U.S. Application Serial No. 11/683,590 and

WHEREAS, International Business Machines Corporation, a New York corporation having a principal place of business at New Orchard Road, Armonk, New York 10504; hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

**ASSIGNMENT - CONTINUED**

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 21 day  
of May, 2007.

  
Sunfei Fang


(SEAL)

Witnessed by: \_\_\_\_\_

Date: \_\_\_\_\_

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 21 day  
of May, 2007.

 (SEAL)  
Dae-won Yang

Witnessed by:

\_\_\_\_\_

Date: \_\_\_\_\_