

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Griselda Bonilla</td><td>02/14/2008</td></tr><tr><td>Steven E. Molis</td><td>02/25/2008</td></tr><tr><td>Darryl D. Restaino</td><td>02/15/2008</td></tr><tr><td>Hosadurga Shobha</td><td>02/15/2008</td></tr></tbody></table>	Name	Execution Date	Griselda Bonilla	02/14/2008	Steven E. Molis	02/25/2008	Darryl D. Restaino	02/15/2008	Hosadurga Shobha	02/15/2008	
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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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12050354</td></tr></tbody></table>	Property Type	Number	Application Number:	12050354							
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Application Number:	12050354										
CORRESPONDENCE DATA											
Fax Number:	(919)854-1401										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	7649-40										
NAME OF SUBMITTER:	Candi L. Riggs										
Total Attachments: 5											

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**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Griselda Bonilla**, a citizen of the United States of America, residing at 806 Jefferson Boulevard, Fishkill, New York 12524; **Steven E. Molis**, a citizen of the United States of America, residing at 8 Bradley Drive, Patterson, New York 12563; **Darryl D. Restaino**, citizen of the United States of America, residing at 14 Susi Oval, Modena, New York 12548; and **Hosadurga Shobha**, a citizen of India, residing at 2294 Sultana Drive, Yorktown Heights, New York 10598;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **METHODS OF FORMING METAL INTERCONNECT STRUCTURES ON SEMICONDUCTOR SUBSTRATES USING OXYGEN-REMOVING PLASMAS AND INTERCONNECT STRUCTURES FORMED THEREBY**, for which an application has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 12/050,354, filed 3/18/08) the filing date and application number of said application when known or to file this Assignment concurrently with the application; 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 our 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, our 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

**ASSIGNMENT - CONTINUED**

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.

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 14 day of February, 2008.

  
\_\_\_\_\_  
Griselda Bonilla (SEAL)

Witnessed by:

\_\_\_\_\_  
Date: 02/14/2008

**ASSIGNMENT - CONTINUED**

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 25<sup>th</sup> day  
of February, 2008.

Steven E. Molis (SEAL)  
Steven E. Molis

Witnessed by:

Mark S. Choe

Date: February 25, 2008

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 15<sup>th</sup> day  
of Feb. 2008

by:

Darryl D. Restaino (SEAL)  
Darryl D. Restaino

Witnessed by:

Dana L. Restaino

Date: 2/15/08

Attorney Docket No. 7649-40

## ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 15<sup>th</sup> day  
of February, 2008.

H. K. SHOBHA (SEAL)  
Hosadurga Shobha

Witnessed by:

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Date: 09/15/2008

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