### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Mukta G Farooq	05/13/2011
John A Griesemer	05/13/2011
William Francis Landers	05/13/2011
Kevin S Petrarca	05/23/2011
Richard Paul Volant	05/13/2011

### **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:	13113421

### **CORRESPONDENCE DATA**

Fax Number: (845)892-6363

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 845-894-4279

Email: maryword@us.ibm.com

Correspondent Name: IBM CORP - Endicott Drafting Center

Address Line 1: 2070 Route 52

Address Line 4: Hopewell Junction, NEW YORK 12533

ATTORNEY DOCKET NUMBER:	FIS920110026US1
NAME OF SUBMITTER:	Jason H. Sosa

Total Attachments: 6

PATENT REEL: 026324 FRAME: 0161 \$40.00 131

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PATENT REEL: 026324 FRAME: 0162

#### **ASSIGNMENT**

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention:

# CIRCUIT DESIGN CHECKING FOR THREE DIMENSIONAL CHIP TECHNOLOGY

and further identified by which an application for	the IBM Docket a United States I	Number provided above in the header of this Assignment, for Patent was executed concurrently herewith or was filed having:
Application No.:	13/113421	(insert series code/serial number here if/when available)
		a Samuel

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, assigns, and otherwise transfers 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 therefore 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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[Inventor Signature Page(s) Follows]

Page 1 of 2

	Executed by Inventor 1
Signature:	Muhl G. Faroga Date: 05/13/11
	Executed by Inventor 2
Signature:	John A. Griesemer
	Executed by Inventor 3
Signature: _	William Francis Landers  Date: 51/3/11
	Executed by Inventor 4
Signature: _	Mevin S. Petrarca
	Executed by Inventor 5
Signature: _	Richard Paul Volant  Date: 5/13/1/

Page 2 of 2

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and further identified l	by the IBM Dock	et Numbe	er provided	l above	in the	ne head	der o	f this	Assi;	gnmen	t, for
which an application f	for a United States	s Patent w	as executo	ed conc		ntly he	rewi	th or	was f	filed ha	wing:
Application No.:	13/113421	_ (insert :	series code	e/serial	num	ber he	re if/	whe	n avai	lable)	

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;

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[Inventor Signature Page(s) Follows]

	1 Executed by Inventor 1	
Signature:	Mukta G. Farooq	_ Date:
	1Executed by Inventor 2	
Signature;	John A. Griesemer Date:	May 13, 2011
	1 Executed by Inventor 3	
Signature:	William Francis Landers	_ Date:
	1Executed by Inventor 4	
Signature:	Kevin S. Petrarca	_ Date:

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XXII Intermedica	al Dusings Moch	sines Corporation, a corporation of New York having a place of

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Signature.	Mukta G. Farooq
*******	Executed by Inventor 2
Signature:	John A. Griesemer
	Executed by Inventor 3
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gnature;	Richard Paul Volant

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