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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yiu-Hing Chan	12/17/2007
Ronald Dennis Rose	01/08/2008
Jun Zhou	01/15/2008

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:	12032643

CORRESPONDENCE DATA

Fax Number: (845)432-9601

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

Phone: 845-433-1174

Email: tonicat@us.ibm.com
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Address Line 1: 2455 South Road

Address Line 2: MS P386

Address Line 4: Poughkeepsie, NEW YORK 12601

ATTORNEY DOCKET NUMBER:	POU920070278US1
NAME OF SUBMITTER:	Toni Catucci

Total Attachments: 3

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PATENT REEL: 020520 FRAME: 0137

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PATENT REEL: 020520 FRAME: 0138

ASSIGNMENT

Whereas, we

INVENTOR AND CITY	Yiu-Hing Chan County of Dutchess	of Poughkeepsie State of New York
Arad	(2) Ronald Dennis Rose County of Chitenden	of Essex Junction State of Vermon
And	(3) Jun Zhou County of Travis	of Austin State of Texas

have invented certain improvements in

TITLE ACCURATE PARASITICS ESTIMATION FOR HIERARCHICAL CUSTOMIZED VLSI DESIGN

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and lineign patents to be obtained therefor;

Now therefore, for a vakuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby self, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and toreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed Viu-Hing Chan	on <u>Acc</u> [7], 2007
Ronald Dennis Rose	on 2007
Jun Zhou	081

TRM Docket No. PC0920070278USL

ASSIGNMENT

Whereas, we

INVENTOR AND CITY	Yiu-Hing Chan County of Dutchess	of Paughkeepsie State of New York
And	(2) Ronald Dennis Rosa County of Chittenden	of Essex Junction State of Vermosit
And	(3) Jun Zhou County of Travis	of Austin State of Texas

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TITLE ACCURATE PARASITICS ESTIMATION FOR HIERARCHICAL CUSTOMIZED VLSI DESIGN

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonic. New York 10504, (hereinafter called IBM), declines to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby self, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the fitting of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed		
	QSS	, 2007
Yiu-Hing Chan - tone (a) (D) Ronald Dennis Rose	on <u>01 /03</u>	2007
Jun Zhou	on	

MAGMA AUSTIN

PAGE 01/03

IBM Docket No. PC4920070278USL

To: Toni

ASSIGNMENT

Whereas, we

INVENTOR

AND CITY

1) Yiu-Hing Chan

County of Dutchess

of Poughkeepsie

State of New York

And

(2) Ronald Dennis Rose

County of Chittenden

of Essex Junction

State of Vermont

And

(3) Jun Zhou

County of Travis

of Austin

State of Texas

have invented certain improvements in

TITLE ACCURATE PARASITICS ESTIMATION FOR HIERARCHICAL CUSTOMIZED VLSI DESIGN

Whereas, iNTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Amnork, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor:

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filling of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

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PATENT REEL: 020520 FRAME: 0141