PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kerim Kalafala	08/12/2010
Natesan Venkateswaran	08/12/2010
Chandramouli Visweswariah	08/11/2010
Vladimir Zolotov	08/12/2010

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:	12857591

CORRESPONDENCE DATA

Fax Number: (845)892-6363

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

Phone: 845-894-3363

Email: EFIPLAW@US.IBM.COM

Correspondent Name: INTERNATIONAL BUSINESS MACHINES CORPORAT

Address Line 1: BLDG. 321-482
Address Line 2: 2070 ROUTE 52

Address Line 4: HOPEWELL JUNCTION, NEW YORK 12533

ATTORNEY DOCKET NUMBER:	FIS920100120US1
NAME OF SUBMITTER:	H. Daniel Schnurmann

Total Attachments: 14 **501263634**

PATENT REEL: 024843 FRAME: 0973 0 12857591

CH \$40.00



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: Method of Measuring the Impact of Clock Skew on Slack During A Statistical
Timing Analysis

and further identified by the IBM Docket I which an application for a United States Pa	Number provided above in the header of this Assignment, for atent was executed concurrently herewith or was filed having:
Serial Number:	(insert series code and serial number here if/when available)
business at Armonk, New York (herein ref	s Corporation, a corporation of New York having a place of ferred to as "IBM"), desires to acquire, and each undersigned e worldwide right, title, and interest in and to the Invention 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 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, 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.

Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent application Serial 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.

Page 1 of 5

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Executed by Inventor 1 of 4_

Signature:

Kerim Ka

Date

Executed by Inventor 2 of 4_			
Signature:	Date:		
Natesan Vei	nkateswaran		

Page 3 of 5

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Executed by Inventor 3 of _4_

Signature: Chandramouli Visweswariah

Date: August 1), 2010

Page 4 of 5

ASSIGNMENT

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

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Serial Number:	(insert series code and serial number here if/when available)
Whereas, International Busine business at Armonk New Yor	ess Machines Corporation, a corporation of New York having a place of rk (herein referred to as "IBM"), desires to acquire, and each undersigned
Inventor desires to grant to IB	M. the entire worldwide right, title, and interest in and to the Invention and oplications 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 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, 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.

Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent application Serial 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.

Page 1 of 5

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	Executed by Inventor 1 of 4_			
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Page 2 of 5

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	Executed by	Inventor 2 of 4_	
Signature:	Venkateswaran	Date:	8/12/2010

Page 3 of 5

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Executed by Inventor 3 of _4_ Signature: ______ Date: ______ Chandramouli Visweswariah

Page 4 of 5

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	Executed by Inventor 4 of _4_		
Signature: _		Date:	
_	Vladimir Zolotov		

Page 5 of 5

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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: Method of Measuring the Impact of Clock Skew on Slack During A Statistical
Timing Analysis

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number: _____ (insert series code and serial number here if/when available)

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 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, 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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Page 1 of 5

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USYKT**PATENT** PAGE. 04 **REEL:** 024843 FRAME: 0984

DIVIDE DOCKET NOMBER, F1392010012003	FIS920100120US1	F1S920	NUMBER:	I DOCKET	IBM
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Signature:	D	ate:	
Kerim	Kalafala		

Page 2 of 5

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Signature:		Date:	
	Natesan Venkateswaran		•

Page 3 of 5

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Signature:		Date:	
	Chandramouli Visweswariah		

Page 4 of 5

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Executed by Inventor 4 of _4_

Signature: _

Vladimir Zolotov

_____ Date: 08.12.2010

Page 5 of 5

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