## PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Stephen Fink	09/22/2010
Yinnon A. Haviv	10/10/2010
Roee Hay	10/20/2010
Marco Pistoia	09/22/2010
Ory Segal	10/10/2010
Adi Sharabani	10/14/2010
Manu Sridharan	09/23/2010
Frank Tip	09/22/2010
Omer Tripp	10/10/2010
Omri Weisman	10/14/2010

## **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:	12913314

## **CORRESPONDENCE DATA**

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**PATENT** 

REEL: 025205 FRAME: 0847

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Address Line 2: **SUITE 1500** Address Line 4: HOUSTON, TEXAS 77056-6582 ATTORNEY DOCKET NUMBER: IL920100047US1 NAME OF SUBMITTER: Joseph M. Jong **Total Attachments: 16** source=IL920100047US1\_Assignment\_signed#page1.tif source=IL920100047US1\_Assignment\_signed#page2.tif source=IL920100047US1\_Assignment\_signed#page3.tif source=IL920100047US1 Assignment signed#page4.tif source=IL920100047US1\_Assignment\_signed#page5.tif source=IL920100047US1\_Assignment\_signed#page6.tif source=IL920100047US1 Assignment signed#page7.tif source=IL920100047US1\_Assignment\_signed#page8.tif source=IL920100047US1\_Assignment\_signed#page9.tif source=IL920100047US1\_Assignment\_signed#page10.tif source=IL920100047US1\_Assignment\_signed#page11.tif source=IL920100047US1\_Assignment\_signed#page12.tif source=IL920100047US1\_Assignment\_signed#page13.tif source=IL920100047US1\_Assignment\_signed#page14.tif source=IL920100047US1\_Assignment\_signed#page15.tif

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PATENT REEL: 025205 FRAME: 0848

#### 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: SIMULATING BLACK BOX TEST RESULTS USING INFORMATION FROM WHITE BOX TESTING

and further identified which an application	by the IBM Docket Nu for a United States Pate	imber provided above in the header of this Assignment, for ent was executed concurrently herewith or was filed having:
Application No.:	12/913,314	(insert series code /serial number here if/when available)
business at Armonk, Inventor desires to gr	New York (herein refer ant to IBM, the entire w	Corporation, a corporation of New York having a place of red to as "IBM"), desires to acquire, and each undersigned 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 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.

[Inventor Signature Page(s) Follows]

Page 1 of 4

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		Executed by Inven	itor 1
Signature:	Stephen Fink		Date:
		Executed by Inven	ntor 2
Signature:	Yinnon A. Haviv		_ Date: OC & 10,2010
		Executed by Inver	ntor 3
Signature:	recelas Roce Hay		_ Date:OCT Ze Zolo
		Executed by Inver	ntor 4
Signature:	Marco Pistoia		Date:

Page 2 of 4

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Executed by Inventor 5		
Signature:	Date: Oct 10, 7010  Ory Segal	
	Executed by Inventor 6	
Signature:	Date: Oct 14,2010 Adi Sharabani	
	Executed by Inventor 7	
Signature:	Manu Sridharan	
	Executed by Inventor 8	
Signature:	Date: Frank Tip	
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Signature:	66	Date;	Oct	(0, 2010
	Omer Tripp			
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Signature:	46	Date:	Oct 1	h, 2010
	Omri Weisman			

IBM DÖCKET NUMBER: 11.920100047US1

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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:		
Application No.:	12/913,314	(insert series code/serial number here if/when available
business at Armonk Inventor desires to s	, New York (berein refe grant to IBM, the entire	Corporation, a corporation of New York having a place of med to as "IBM"), desires to acquire, and each undersigned worldwide right, title, and interest in and to the Invention and I 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, logal 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 4

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Executed by Inventor 2
Date:
Executed by Inventor 3
Date:
Executed by Inventor 4
Date: Spitewise 22,2020

Page 2 of 4

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	Ory Segal	
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	Adi Sharabani	
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	Manu Sridharan	
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	Frank Tip	

Page 3 of 4

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Signature	Date:
Omer Tripp	
	Executed by Inventor 10
Signature	Date:
Omri Weisman	
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Title of the Invention: SIMULATING BLACK BOX TEST RESULTS USING INFORMATION FROM WHITE BOX TESTING

and first han identified by the 10xx or 1 . . . . .

in and to any and all patent applications and patents directed thereto;

which an application	for a United States Pat	umber provided above in the header of this Assignment, for tent was executed concurrently herewith or was filed having:
Application No.:	12/913,314	(insert series code /serial number here if/when available)
business at Armonk,	New York (herein refe	Corporation, a corporation of New York having a place of tred to as "IBM"), desires to acquire, and each undersigned worldwide right, title, and interest in and to the Invention and

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 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.

[Inventor Signature Page(s) Follows]

Page 1 of 4

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PATENT REEL: 025205 FRAME: 0857

		Executed by Inventor 1	
Signature: _		Date:	
	Stephen Fink		
	<u> </u>	Executed by Inventor 2	
Signature: _		Date:	
	Yinnon A. Haviv		
		Executed by Inventor 3	
Signature:	-	Date:	_
	Roce Hay		
		Executed by Inventor 4	
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	Marco Pistoia		

Page 2 of 4

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	Executed by Inventor 5	
Signature:	Ory Segal	
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	Executed by Inventor 7	
Signature: _	Manu Sridharan	
	Executed by Inventor 8	
Signature: _	Frank Tip	

Page 3 of 4

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orginature	Omer Tripp	Date:	<del></del>
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Signature;	Omri Weisman	Date:	

### ASSIGNMENT

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Application No.:	12/913,314	(insert series code /serial number here if/when available)
		Corporation, a corporation of New York having a place of erred to as "IBM"), desires to acquire, and each undersigned
		worldwide right, title, and interest in and to the Invention and
in and to any and all	patent applications and	d 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 4

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Signature:	Date:	
	Ory Segal	
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	Adi Sharabani	
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Signature:	Manu Sridharan	
	Executed by Inventor 8	
Signature:	Date:_	Sep 22, 2010
	Frank Tip	•

		Executed by Inventor 9	
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	Omer Tripp		-
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	Omri Weisman		

Page 4 of 4