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	01/16/2013
Marco Pistoia	01/25/2013
Omer Tripp	01/11/2013
Omri Weisman	01/09/2013
Yinnon A. Haviv	03/13/2013

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:	13734889

CORRESPONDENCE DATA

Fax Number: 8662530448

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

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Email: sandra.halliwell@kali-law.com

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Address Line 4: Sunnyvale, CALIFORNIA 94088

ATTORNEY DOCKET NUMBER:	IL920080212US2/IBM1-04101
NAME OF SUBMITTER:	Sandra Halliwell
Signature:	/Sandra Halliwell/

502304341 REEL: 030180 FRAME: 0582

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Date:	04/09/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 10 source=IBM1-04101_20130325_TP_DeclAssign-Fink#page1.tif source=IBM1-04101_20130325_TP_DeclAssign-Fink#page2.tif source=IBM1-04101_20130325-TP-DeclAssign-Haviv#page1.tif source=IBM1-04101_20130325-TP-DeclAssign-Haviv#page2.tif source=IBM1-04101_20130325_TP_DeclAssign-Pistoia#page1.tif source=IBM1-04101_20130325_TP_DeclAssign-Pistoia#page2.tif source=IBM1-04101_20130325_TP_DeclAssign-Tripp#page1.tif source=IBM1-04101_20130325_TP_DeclAssign-Tripp#page1.tif source=IBM1-04101_20130325_TP_DeclAssign-Tripp#page2.tif source=IBM1-04101_20130325_TP_DeclAssign-Tripp#page2.tif source=IBM1-04101_20130325_TP_DeclAssign-Tripp#page2.tif	
source=IBM1-04101_20130325_TP_DeclAssign-Weisman#page2.tif	

PATENT REEL: 030180 FRAME: 0583

Title of Invention: IMPORTANCE-BASED CALL GRAPH CONSTRUCTION

As a below named inventor, I hereby declare that:	
the chart in the control of the chart in the	
This declaration is directed to the attached application, or (if following box is checked):	
/ and an attached application, or (if following box is checked):	
United States application on DCT:	

The above-identified application was made or authorized to be made by me.

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I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

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 or has sold, assigns or has assigned, and otherwise transfers or has transferred 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.

IBM DOCKET NUMBER: IL920080212US2/IBM1-04101

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.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: Stephen Fink	
Date: 1/16/13	Signature: Styl R/
(2) Legal Name of Inventor: Yinnor	n Avraham Haviv
Date:	Signature:
(3) Legal Name of Inventor: Marco	Pistoia
Date:	Signature:
(4) Legal Name of Inventor: Omer T	Tripp
Date:	Signature:
(5) Legal Name of Inventor: Omri W	/eisman
Date:	Signature:

[IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS]

Title of Invention: <u>IMPORTANCE-BASED CALL GRAPH CONSTRUCTION</u>
As a below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):	
United States application or PCT international application number 13/734,889	

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IBM DEEKET SUMBER: H.020080212U82/IRM1-64101

Each indersigned investor action of edges their price and suggisting obligations to sell, assign, and transfer the rights under this Assignment to 1984 and is become of any reason why they may not have the full and uncommitteed right to sell, assign, and transfer the rights benefity sold, assigned, and ratioferred, and has not executed, and will not execute, any document or instrument in conflict benewith. Each undensigned investor also benefit 993 to 1894 the successors, legal expresentatives, and usigns, the right to insert in this Assignment on the first the substantiants (including, but not limited to, patent Application Number) which may be excessory or destable 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 as a New York state court or federal court stool in New York.

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1)	Logal Name of Inventor: Stephen Fink
	Date:
(2)	Legal Name of inventor. Vinnon Avraham Haviv
	Danie <u>(1977) 1, 602 1, 800</u> 0000000000000000000000000000000000
(3)	Legal Name of Torontor: Marco Pictola
	Date Signature
(4)	Legal Name of investor. Omer Tripp
	Caup:Signature:
(3)	Legal Name of Inventor: Churi Weisman
	Date:Simatus:

(IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS:

Page 2 of 2

Title of Invention: IMPORTANCE-BASED CALL GRAPH CONSTRUCTION

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IBM DOCKET NUMBER: IL920080212US2/IBM1-04101

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(1)	1) Legal Name of Inventor: Stephen Fink	
	Date:	_Signature:
(2)	Legal Name of Inventor: Yinnon A	Avraham Haviv
	Date:	_Signature:
	Legal Name of Inventor: Marco P	
	Date: $1/25/2013$	Signature: Marcotistoia
(4)	Legal Name of Inventor: Omer Tr	ірр
	Date:	_Signature:
(5)	Legal Name of Inventor: Omri We	eisman
	Date:	_Signature:

[IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS]

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IBM DOCKET NUMBER: IL929080212US2/IBM1-04191

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(1)	i) Legal Name of Inventor: Stephen Fink		
	Date:	Signature:	
(2)	() Legal Name of Inventor: Vinnon Avraham Havi v		
	Date:	Signature:	
(3)	Egal Nume of Inventor: Marco Pistoia		
	Date:	gismatus.	
(4)	Legal Name of Inventor; Omer Tr		
	Date:	Supremblue: January 11th, 2013	
(5)	Legal Name of Inventor: Omei We	rizman	
	Date	Signature:	

[IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(8) FOLLOWS]

PATENT REEL: 030180 FRAME: 0591

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	Date:	Signature:	
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	Date:	Signature:	
(4)	i) Legal Name of Inventor: Omer Tripp		
	Date:	Signature:	
(5)	Legal Name of Inventor: Omri W		
	Date:	Signature: <u>Jan 9, 2013</u>	

[IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS]

Page 2 of 2