PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3945413

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the EXECUTION DATE AND MIDDLE INITIAL OF MURRAY R. CANTOR previously recorded on Reel 038998 Frame 0358. Assignor(s) hereby confirms the ASSIGNMENT.	

CONVEYING PARTY DATA

Name	Execution Date
MURRAY R. CANTOR	12/17/2013
EVELYN DUESTERWALD	12/19/2013
TAMIR KLINGER	01/09/2014
PETER K. MALKIN	12/19/2013
PAUL M. MATCHEN	12/22/2013
STANLEY M. SUTTON	12/20/2013
PERI L. TARR	12/20/2013
MARK N. WEGMAN	12/19/2013

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:	15190782

CORRESPONDENCE DATA

Fax Number: (516)742-4366

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 516-742-4343
Email: system spiteri@ssmp.com

Correspondent Name: SCULLY, SCOTT, MURPHY & PRESSER, P.C.

Address Line 1: 400 GARDEN CITY PLAZA

Address Line 2: SUITE 300

Address Line 4: GARDEN CITY, NEW YORK 11530

ATTORNEY DOCKET NUMBER: YOR920120434US7 (30308ZY)

PATENT REEL: 039230 FRAME: 0967

503898762

NAME OF SUBMITTER:	EUNHEE PARK	
SIGNATURE:	/Eunhee Park/	
DATE SIGNED:	07/01/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 18

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

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 mspiteri@ssmp.com

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ATTORNEY DOCKET NUMBER: YOR920120434US7 (30308ZY)

NAME OF SUBMITTER:	EUNHEE PARK	
Signature:	/Eunhee Park/	
Date:	06/23/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 16

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RECEIPT INFORMATION

EPAS ID: PAT3932988 **Receipt Date:** 06/23/2016

Title of Invention:

GUI SUPPORT FOR DIAGNOSING AND REMEDIATING PROBLEMS THAT THREATEN ON-TIME DELIVERY OF SOFTWARE AND SYSTEMS

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

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: Murr.	ay R. Cantor	
Signature: <u>Murs</u>	ay R. Catos	Date: <u>/2//////</u>
(2) Legal Name of Inventor: Evelyi	n Duesterwald	
Signature:		Date:
(3) Legal Name of Inventor: Tamir	Klinger	
Signature:		Date:
(4) Legal Name of Inventor: Peter k	K. Malkin	
Signature:		

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

(5) Legal Name of Inventor: Paul M. Matchen	
Signature:	Date:
(6) Legal Name of Inventor: Stanley M. Sutton	
Signature:	Date:
(7) Legal Name of Inventor: Peri L. Tarr	
Signature:	Date:
(8) Legal Name of Inventor: Mark N. Wegman	
Signature	Date:

Title of Invention:

GUI SUPPORT FOR DIAGNOSING AND REMEDIATING PROBLEMS THAT THREATEN ON-TIME DELIVERY OF SOFTWARE AND SYSTEMS

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.

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: Murray R. Cantor	
Signature:	Date:
(2) Legal Name of Inventor: Evelyn Duesterwald	
Signature:	Date: <u>\2 /1 9/\3</u>
(3) Legal Name of Inventor: Tamir Klinger	
Signature:	Date:
(4) Legal Name of Inventor: Peter K. Malkin	
Signature: St. W. Welli	Date: 12/19/13

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

(5)	Legal Name of Inventor: Paul M. Matchen		
	Signature:	Date:	
(6)	Legal Name of Inventor: Stanley M. Sutton		
	Signature:	Date:	
(7)	Legal Name of Inventor: Peri L. Tarr		
	Signature:	Date:	
(8)	Legal Name of Inventor: Mark N. Wegman		
	Signature:	Date: 12/19/20.	/ 3

Title of Invention:

GUI SUPPORT FOR DIAGNOSING AND REMEDIATING PROBLEMS THAT THREATEN ON-TIME DELIVERY OF SOFTWARE AND SYSTEMS

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 numberfiled on
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
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

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known to me to be material to patentability as defined in 37 CFR Section 1.56.

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	Signature:	Date:
(2)	Legal Name of Inventor: Evelyn Duesterwald	
	Signature:	Date:
` ′	Legal Name of Inventor: Tamir Klinger Signature: Amar Klinger	2 Date: Jan 9, 2014
(4)	Legal Name of Inventor: Peter K. Malkin	
	Signature:	Date:
	[IF MORE INVENTORS, ADDITIONAL SIG	GNATURE PAGE(S) FOLLOWS]

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	Signature:	Date:
(8)	Legal Name of Inventor: Mark N. Wegman	
	Signature	Data

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention:

GUI SUPPORT FOR DIAGNOSING AND REMEDIATING PROBLEMS THAT THREATEN ON-TIME SOFTWARE AND SYSTEMS

DELIVERY OF

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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, or assigns.

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Signature:	Date;	
(2) Legal Name of Inventor: Evelyn Duesterwald		
Signature:	Date:	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
(3) Legal Name of Inventor: Tamir Klinger		
Signature	Datas	

(4) Legal Name of Inventor: Peter K. Malkin		
	,	
Signature:	Date:	
	,	*
	·	
[IF MORE INVENTORS, ADDITIONAL S	SIGNATURE PAGE(S) FOLLO	WS]
(5) Legal Name of Inventor: Paul M. Matchen		
Signature: Signature:	Date: 12-	-22-13
(6) Legal Name of Inventor: Stanley M. Sutton		

Signature:______Date:_____

(7) Legal Name of Inventor: Peri L. Tarr			
Signature:	Date:	· .	
(2) Logol Norma of Invanton Month N. Westerner			
(8) Legal Name of Inventor: Mark N. Wegman			
Signatura	Dotai		

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(7) Legal Name of Inventor: Peri L. Tarr	
Signature: Htt Sam	Date: 12 120 120 13
(8) Legal Name of Inventor: Mark N. Wegman	
Signature:	Date:

Page 3 of 3