503679682 02/04/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3726318

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER E. BOWLER	05/03/2013
CHEN CHEN	05/02/2013
REID T. COPELAND	05/03/2013
TOMMY U. HOFFNER	05/03/2013
TARIQUE M. ISLAM	05/02/2013
RAUL E. SILVERA	05/03/2013

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:	15015326	

CORRESPONDENCE DATA

Fax Number: (561)423-9297

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: 561-801-7700

ibmptomail@iplawpro.com Email:

CUENOT, FORSYTHE & KIM, LLC **Correspondent Name:** Address Line 1: 20283 STATE ROAD 7, SUITE 300 Address Line 4: **BOCA RATON, FLORIDA 33498**

ATTORNEY DOCKET NUMBER:	CA920130007US3_8150-0628
NAME OF SUBMITTER:	TERRY W. FORSYTHE
SIGNATURE:	/TERRY W. FORSYTHE/
DATE SIGNED:	02/04/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 037663 FRAME: 0252

503679682

Total Attachments: 18 source=CA920130007US3_FiledAssignment-Declaration_02-04-16#page1.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page2.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page3.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page4.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page5.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page6.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page7.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page8.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page9.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page10.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page11.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page12.tif source=CA920130007US3 FiledAssignment-Declaration_02-04-16#page13.tif source=CA920130007US3_FiledAssignment-Declaration_02-04-16#page14.tif source=CA920130007US3_FiledAssignment-Declaration_02-04-16#page15.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page16.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page17.tif source=CA920130007US3 FiledAssignment-Declaration 02-04-16#page18.tif

PATENT REEL: 037663 FRAME: 0253

DECLARATION (37 C.F.R. 1.03) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention:

INSERTING IMPLICIT SEQUENCE POINTS INTO COMPUTER PROGRAM CODE TO SUPPORT DEBUG OPERATIONS

As a below named and undersigne: inventor, I hereby declare that:	
This declaration is directed to the a tached application, or (if following box is checked):	
[X] United States application or PCT international application number 15/015,326 filed on 2016-02-04	

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 .) 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, I ("ASSIGNOR") have reade certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Dock at Number provided above in the header of this document;

Whereas, International Business M ichines Corporation (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGPEE, my 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. I hereby soil or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGN EE, its successors, legal representatives, and assigns, my entire worldwide right, title, and in erest 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, substituted, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United

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I hereby acknowledge that any will ful 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:	CHRISTOPHER E. BOW	LER
Signat	ure: <u>(4 3</u> <u>.</u>	4	Date: May 3, 2013
(2)	Legal Name of Inventor:	CHEN CHEN	
Signat	ure:	Manager p	Date:
(3)	Legal Name of Inventor:	REID T. COPELAND	
Signat	ure:		Date:

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

Page 2 of 3

(4)	Legal Name of Inventor:	TOMMY U. HOFFNER	
Signa	ture:		Date:
(5)	Legal Name of Inventor:	TARIQUE M. ISLAM	
Signa	tare:		Date:
(6)	Legal Name of Inventor:	RAÚL E. SILVERA	
Signa	ture:		Date:

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(1)	Legal Name of Inventor:	CHRISTOPHER E. BOW	LER
Signat	ure:		Date:
(2)	Legal Name of Inventor:	CHEN CHEN	
Signat	ure: TWW		Date: May 02, 2013
(3)	Legal Name of Inventor:	REID T. COPELAND	
Signat	ure:		Date:

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

100

(4)	Legal Name of Inventor:	TOMMY U. HOFFNER	
Signa	ture:		Date:
(5)	Legal Name of Inventor:	TARIQUE M. ISLAM	
Signa	ture:		Date:
(6)	Legal Name of Inventor:	RAÚL E. SILVERA	
Simo	tunar		Dotor

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Signa	ture:		Date:
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Signat	hire:	***************************************	Date:
(3)	Legal Name of Inventor:	REID T. COPELAND	
Signat	ture: <u>Ufar</u>		Date: May 3/2013
,	[IF MORE INVENTORS,	ADDITIONAL SIGNATUR	Œ PAGE(S) FOLLOWS]

Page 2 of 3

(4)	Legal Name of Inventor:	TOMMY U. HOFFNER	
Signa	ture:		
(5)	Legal Name of Inventor:	TARIQUE M. ISLAM	
Signa	ture:		Date:
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Page 1 of 3

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Signa	ture:		Date:
(2)	Legal Name of Inventor:	CHEN CHEN	
Signa	ture:		Date:
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[IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS]

PATENT REEL: 037663 FRAME: 0264

(4)	Legal Name of Inventor:	TOMMY U. HOFFNER	
Signat	cure: Many	24/	Date: 1013-05-03
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PATENT REEL: 037663 FRAME: 0267

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Signa	uture:		_ Date:_	
(5)	Legal Name of Inventor:	TARIQUE M. ISLAM		
Signa	iture:		_ Date:_	May 02, 2013
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Signa	ture: OMPECALE	Date: May 3/2013