### PATENT ASSIGNMENT

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

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Nicholas D.J. Crossley	03/15/2013
Troy R. Dugger	03/15/2013
David J. Honey	03/15/2013
Samuel Sung-Ok Lee	03/14/2013
Schuyler Matthews	03/15/2013
Darcy L. Wiborg Weber	03/14/2013

#### **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:	13837559

### **CORRESPONDENCE DATA**

Fax Number: 5614239297

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

561-801-7700 Phone:

ibmptomail@iplawpro.com Email: Correspondent Name: Cuenot, Forsythe & Kim, LLC

20283 State Road 7 Address Line 1:

Address Line 2: Ste. 300

Address Line 4: Boca Raton, FLORIDA 33498

ATTORNEY DOCKET NUMBER: CAM920120106US1\_8150-0337

> **PATENT** REEL: 030016 FRAME: 0904

NAME OF SUBMITTER: TERRY W. FORSYTHE		
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 18		
source=CAM920120106US1_FiledAssignm	ent-Declaration_03-15-13#page1.tif	
source=CAM920120106US1_FiledAssignm	ent-Declaration_03-15-13#page2.tif	
source=CAM920120106US1_FiledAssignm	ent-Declaration_03-15-13#page3.tif	
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page4.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page5.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page6.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page7.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page8.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page9.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page10.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page11.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page12.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page13.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page14.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page15.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page16.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page17.tif		
source=CAM920120106US1_FiledAssignment-Declaration_03-15-13#page18.tif		

PATENT REEL: 030016 FRAME: 0905

### Title of Invention:

#### VERSIONING FOR CONFIGURATIONS OF REUSABLE ARTIFACTS

As a below named and undersigned 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
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, I ("ASSIGNOR") 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 (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 ASSIGNEE, 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 sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my 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, I hereby authorize and request 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 the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right,

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, 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:	NICHOLAS D. J. CRO	SSLEY	
Signa	ture:	eskey	Date: 15 Manh	2013
(2)	Legal Name of Inventor:	TROY R. DUGGER		
Signa	ture:		Date:	
(3)	Legal Name of Inventor:	DAVID J. HONEY		
Signa	ture:		Date:	

(4)	Legal Name of Inventor:	SAMUEL SUNG-OK LEE
Signa	ture:	Date:
(5)	Legal Name of Inventor:	SCHUYLER MATTHEWS
Signa	ture:	Date:
(6)	Legal Name of Inventor:	DARCY L. WIBORG WEBER
Siana	tura:	Nota:

Title of Invention:

### VERSIONING FOR CONFIGURATIONS OF REUSABLE ARTIFACTS

As a below named and undersigned 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
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, I ("ASSIGNOR") 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 (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 ASSIGNEE, 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 sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my 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, I hereby authorize and request 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 the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right,

Page 1 of 3

PATEN

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, 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:	NICHOLAS D. J. CROS	SSLEY
Signat	ure:		Date:
(2)	Legal Name of Inventor:	TROY R. DUGGER	. *
Signat	ure: Jay KV		Date: 3/15/13
(3)	Legal Name of Inventor:	DAVID J. HONEY	
Signat	ure:		Date:

(4)	Legal Name of Inventor:	SAMUEL SUNG-OK LEE
Signa	iture:	Date:
(5)	Legal Name of Inventor:	SCHUYLER MATTHEWS
Signature:		Date:
(6)	Legal Name of Inventor:	DARCY L. WIBORG WEBER
Sions	dure:	Date:

Title of Invention:

### VERSIONING FOR CONFIGURATIONS OF REUSABLE ARTIFACTS

Whereas, I ("ASSIGNOR") 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 (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 ASSIGNEE, 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 sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my 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, I hereby authorize and request 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 the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right,

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, 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:	NICHOLAS D. J. CRO	SSLEY
Signi	ature:		Date:
(2)	Legal Name of Inventor:	TROY R. DUGGER	
Signa	ature:		Date:
(3)	Legal Name of Inventor:	DAVID J. HONEY	
Signa	anure: D. J. Han	<u> </u>	Date: 15th March 2013
	(IF MORE INVENTORS,	./ ADDITIONAL SIGNATU	RE PAGE(S) FOLLOWS

(4)	Legal Name of Inventor:	SAMUEL SUNG-OK LEE
Signature:		Date:
(5)	Legal Name of Inventor:	SCHUYLER MATTHEWS
Signature:		Date:
(6)	Legal Name of Inventor:	DARCY L. WIBORG WEBER
Signa	rfure:	Date:

Title of Invention:

#### VERSIONING FOR CONFIGURATIONS OF REUSABLE ARTIFACTS

As a below named and undersigned 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
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.

Whereas, I ("ASSIGNOR") 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;

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, International Business Machines 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 ASSIGNEE, 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 sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my 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, I hereby authorize and request 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 the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right,

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, 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:	NICHOLAS D. J. CROS	SSLEY
Signa	iure:		Date:
(2)	Legal Name of Inventor:	TROY R. DUGGER	
Signa	fure:		Date:
(3)	Legal Name of Inventor:	DAVID J. HONEY	
Signa	iure:		Date:

Page 2 of 3

(4)	Legal Name of Inventor:	SAMUEL SUNG-OK LEE
Signs	nure: Sal	Suz-Ok Lee Date: 3/14/2013
(5)	Legal Name of Inventor:	SCHUYLER MATTHEWS
Signa	dure:	Date:
(6)	Legal Name of Inventor:	DARCY L. WIBORG WEBER
Signa	iture:	Date:

Title of Invention:

### VERSIONING FOR CONFIGURATIONS OF REUSABLE ARTIFACTS

Whereas, I ("ASSIGNOR") 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 (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 ASSIGNEE, 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 sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my 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, I hereby authorize and request 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 the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right,

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, 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:	NICHOLAS D. J. CROS	SSLEY	
Signa	iture:		Date:	20000
(2)	Legal Name of Inventor:	TROY R. DUGGER		
Signa	iture:		Date:	<del>14444</del>
(3)	Legal Name of Inventor:	DAVID J. HONEY		
Signa	iture:		Date:	

(4)	Legal Name of Inventor:	SAMUEL SUNG-OK LEE	,	
Signa	iture:		Date:	
(5)	Legal Name of Inventor:	SCHUYLER MATTHEW	$\mathbf{s}$	
Signa	ature: <u>X U</u>	afl	Date: 3/15/2013	
(6)	Legal Name of Inventor:	DARCY L. WIBORG WE	BER	
Signa	nture:		Date:	

From: UPS Store Paso 8052378721 03/15/2013 10:04 #987 P.002/007

CAM920120106US1 8150-0337

# 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:

#### VERSIONING FOR CONFIGURATIONS OF REUSABLE ARTIFACTS

s a below named and undersigned inventor, I hereby declare that:
his declaration is directed to the attached application, or (if following box is checked):
] United States application or PCT international application numberled on
he above-identified application was made or authorized to be made by me.
believe that I am the original inventor or an original joint inventor of a claimed invention in the oplication.
have reviewed and understand the contents of the application, including the claims.
am aware of the duty to disclose to the United States Patent and Trademark Office all aformation known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, I ("ASSIGNOR") 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 (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 ASSIGNEE, 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 sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my 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, I hereby authorize and request 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 the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right,

From: UPS Store Paso 8052378721 03/15/2013 10:04 #987 P.003/007

CAM920120106US1\_8150-0337

title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, 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 me had this Assignment not been made; and I agree 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 the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, 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:	NICHOLAS D. J. CRO	SSLEY
Signa	iture:		Date:
(2)	Legal Name of Inventor:	TROY R. DUGGER	
Signature:			Date:
(3)	Legal Name of Inventor:	DAVID J. HONEY	
Signa	dure:		Date:

CAM920120106US1\_8150-0337

(4)	Legal Name of Inventor:	SAMUEL SUNG-OK LEE
Signature:		Date:
(5)	Legal Name of Inventor:	SCHUYLER MATTHEWS
Signa	ature:	Date:
(6)	Legal Name of Inventor:	DARCY L. WIBORG WEBER
Signa	sture: \\\	Date: 03/14/2013