#### 503415475 07/30/2015

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3462109

E   II   r   II	Corrective Assignment to correct the INVENTOR INFORMATION. JOHN B. TOBLER EXECUTION DATE WAS IMPROPERLY SIGNED WITH THE INCORRECT YEAR ON THE ORIGINAL OATH AS FILED previously recorded on Reel 035783 Frame 0629. Assignor(s) hereby confirms the INVENTOR (4) HAS UPDATED THE OATH AND SHOULD BE UPDATED ON THE NOTICE OF RECORDATION

#### **CONVEYING PARTY DATA**

Name	Execution Date
DANIEL KOZIN	05/30/2015
MEICHI M. LIN	05/18/2015
NIGEL G. SLINGER	07/23/2015
JOHN B. TOBLER	06/24/2015
WEN JIE ZHU	05/21/2015

#### **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:	14730258	

#### CORRESPONDENCE DATA

**Fax Number:** (860)286-0115

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:** 860-286-2929

Email: usptopatentmail@cantorcolburn.com
Correspondent Name: CANTOR COLBURN LLP - IBM SVL

Address Line 1: 20 CHURCH STREET

Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER: CN920140064US1

NAME OF SUBMITTER: ANNE DAVIS BARRY

PATENT REEL: 036227 FRAME: 0564

503415475

SIGNATURE:	/Anne Davis Barry/	
DATE SIGNED:	07/30/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 15		
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PATENT REEL: 036227 FRAME: 0565

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3381966

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DANIEL KOZIN	05/30/2015
MEICHI M. LIN	05/18/2015
NIGEL G. SLINGER	05/17/2015
JOHN B. TOBLER	05/15/2015
WEN JIE ZHU	05/21/2015

#### **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:	14730258

#### CORRESPONDENCE DATA

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(860)286-0115

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Phone:

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Correspondent Name:

CANTOR COLBURN LLP - IBM SVL

Address Line 1:

20 CHURCH STREET, 22ND FLOOR

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HARTFORD, CONNECTICUT 06103-3207

NAME OF SUBMITTER: SIGNATURE:	/Anne Davis Barry/
DATE SIGNED: 06/04/2015 This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT REEL: 036227 FRAME: 0566 USSVLLNJ

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8602860115 P 2/3

860-286-0115

IBM DOCKET NUMBER: CN920140064US1

# 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: RESOURCE PRE-CONFIGURATION

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):

K | United States application or PCT international application number 14 730, 258 filed on 6 (4/3015).

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 potent 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, 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.

USSVLLNJ

I hereby acknowledge that any willful fulse 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: DANIEL KOZIN	
	Signature: MM	Date: 5/30/15
	Legal Name of Inventor; MEICHI M. LIN	
	Signature:	_Date:
(3)	Legal Name of Inventor: NIGEL G. SLINGER	
	Signature:	Date:
(4)	Legal Name of Inventor: JOHN B. TOBLER	
	Signature:	Date:

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

(3)	Legal Name of Inventor; WEN JIE ZHU	
	Signature:	Date:

## 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: RESOURCE PRE-CONFIGURATION

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):
This declaration is directed to the attached application, of (11 lonowing 66.154.730, 258).  [X] United States application or PCT international application number 14/730, 258  filed on 6/4/3015.
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, 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.

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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: DANIEL KOZIN	
Signature:	Date:
(2) Legal Name of Inventor: MEICHI M. LIN	
Signature: Manhats	Date:5/\ 8/201
(3) Legal Name of Inventor: NIGEL G. SLINGER	
Signature:	Date:
(4) Legal Name of Inventor: JOHN B. TOBLER	
Signature:	Date:

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

(5) Legal Name of Inventor: WEN ME ZHU

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# 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: RESOURCE PRE-CONFIGURATION

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):

[X ] United States application or PCT international application number 14/730,258 filed on June 4, 2015.

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, 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.

Page 1 of 3

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(1) Legal Name of Inventor: DANIEL KOZIN	
Signature:	Date:
(2) Legal Name of Inventor; MEICHI M. LIN	
Signature:	Date:
(3) Legal Name of Inventor: NIGEL G. SLINGER	
Signature:	Date: 7 23 / 15
(4) Legal Name of Inventor: JOHN B. TOBLER	
Signature:	Date: 6/24/15

IIF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS]

(5) Legal Name of Inventor: WEN JIE ZHU

Signature: Date:

## 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: RESOURCE PRE-CONFIGURATION

· · · · · · · · · · · · · · · · · · ·		
As a below named and undersigned inventor, I hereby declar	e that:	
This declaration is directed to the attached application, or (if		
[X] United States application or PCT international applicatio	n number	130,258
filed on 6-4-2015.		
	ta mada tarasa	- 1 to 1 t

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(1)	Legal Name of	Inventor: DANIE	L ROZIN			
	Signature:			'	Date:_	
	to appropriate or to the second secon					
(2)	Legal Name of	Inventor: MEICH	II M. LIN			
	Signature				Date:	
					normalisment and recognitive the consumer to t	
(3)	Legal Name of	Inventor: NIGEL	G. SLINGER			
•	Signature:				Date:_	
(4)	Legal Name of	Inventor: JOHN 1	B, TOBLER			
	Signature:				Date:_	

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

Page 2 of 3

(5)	Legal	Name	of Inventor	WEN	.ME	ZHU

Signature: Date:

Page 3 of 3

PATENT REEL: 036227 FRAME: 0578

**RECORDED: 07/30/2015**