504968819 06/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5015565

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN ABRAMS	06/11/2018
BARD BLOOM	06/11/2018
PAUL T. KEYSER	05/11/2018
DOUGLAS N. KIMELMAN	02/12/2018
ERIC M. NELSON	04/30/2018
TOVA ROTH	07/10/2013
IAN D. SIMMONDS	07/08/2013
STEVEN TANG	07/31/2013
JOHN M. VLISSIDES	06/11/2018

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:	13953146

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

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

400 GARDEN CITY PLAZA Address Line 1:

Address Line 2: SUITE 300

Address Line 4: GARDEN CITY, NEW YORK 11530

ATTORNEY DOCKET NUMBER:	YOR920070314US2 (21247Z)
NAME OF SUBMITTER:	JOHN S. SENSNY

PAIENI REEL: 046395 FRAME: 0392 504968819

SIGNATURE:	/John S. Sensny/	
DATE SIGNED:	06/20/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 24		
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PATENT REEL: 046395 FRAME: 0393

PTO/AIA/02 (07-13)

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SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)

Title of Invention	MANIPULATING DESIGN MODELS BY EDITING GENERATED REPORTS			
This stateme	ent is directed to			
The att	ached application,			
OR				
United States application or PCT international application number 13/953,146 filed on July 29, 2013				
LEGAL NA	ME of inventor to whom this sub	stitute statement applie	s:	
(Eg., Given	Name (first and middle (if any)) and Fa	mily Name or Surname)		
Steven	Abrams			
Residence (except for a deceased or legally incapa	citated inventor)		
_{cty} Nev	v City	State NY	ountry US	
Mailing Address (except for a deceased or legally incapacitated inventor): 5 Christopher Dr.				
_{city} Nev	v City	State NY	10956-4005	Country US
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application The above-identified application was made or authorized to be made by me I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both				
Relationship to the inventor to whom this substitute statement applies: Legal Representative (for deceased or legally incapacitated inventor only). Assignee. Person to whom the inventor is under an obligation to assign. Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1 46 is required). or Joint Inventor				

[Page 1 of 2]

This collection of information is required by 35 U S C 115 and 37 CFR 1 63. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U S C 122 and 37 CFR 1 11 and 1 14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U S Patent and Trademark Office, U S Department of Commerce, P O 8ct 1450. Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:				
Inventor is deceased,				
Inventor is under legal incapacity.				
Inventor cannot be found or reached after diligent effort, or	Inventor cannot be found or reached after diligent effort, or			
Inventor has refused to execute the oath or declaration under 37 CFR	1 63			
If there are joint inventors, please check the appropriate box below				
An application data sheet under 37 CFR 1 76 (PTO/AIA/14 or equivale or is currently submitted	ent) naming the entire	entity has been		
OR □				
An application data sheet under 37 CFR 1 76 (PTO/AIA/14 or equivalent) Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the information is attached. See 37 CFR 1 64(b)				
WARNING:	 			
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1 213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1 14). Checks and credit card, authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.				
PERSON EXECUTING THIS SUBSTITUTE STATEMENT:				
Name: Timothy M., Farrell, Reg. No. 37,32	21	06/11/2018 Date (Optional).		
Signature Turk & Figure 1				
APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE				
If the applicant is a juristic entity, list the applicant name and the title of the signe	9C.			
International Business Machines Corporation Applicant Name.				
Title of Person Executing This Substitute Statement. Counsel This Substitute Statement.				
I THE SPINET WIKES INE IS SUBDIED ADDRE. IS AUDIOMOCO W GOLD TO STORY OF THE OPPROPRIE				
Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):				
City Alpine State UT	Country US			
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent) 357 N. Main Street				
_{City} Alpine _{State} UT	_{Zip} 84004	Country US		
Note. Use an additional PTO/AIA/02 form for each inventor who is deceased, le after difficent effort, or has refused to execute the cath or declaration under 37 C	gally incapacitated,	cannot be found or reached		
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PTO/AIA/02 (07-13)

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SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)

				
Title of Invention				
This statement is directed to The attached application. OR United States application or PCT international application number 13/953,146 filed on July 29, 2013 LEGAL NAME of inventor to whom this substitute statement applies: (E.g., Given Name (first and middle (if any)) and Family Name or Sumame) Bard Bloom				
	except for a deceased or legally incape bs Ferry	NY State	Country US	
Mailing Address (except for a deceased or legally incapacitated inventor): 8 Hollywood Dr.				
city Dob	bs Ferry	State NY	10522-3027 Country US	
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application The above-identified application was made or authorized to be made by me. I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both				
	egal Representative (for deceased or assignee, Person to whom the inventor is under a Person who otherwise shows a sufficie tont Inventor	legally incapacitated inven in obligation to assign,	intor only). the matter (petition under 37 CFR 1 46 is required). o	

[Page 1 of 2]

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:				
Inventor is deceased,				
Inventor is under legal incapacity,				
Inventor cannot be found or reached after diligent effort, or				
Inventor has refused to execute the oath or declaration under 37 CFR 1 63				
If there are joint inventors, please check the appropriate box below.				
An application data sheet under 37 CFR 1 76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted				
OR				
An application data sheet under 37 CFR 1 76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b)				
WARNING:				
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.				
ERSON EXECUTING THIS SUBSTITUTE STATEMENT:				
Timothy M. Farrell, Reg. No. 37,321				
Signature Trust a Francill				
APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:				
f the applicant is a juristic entity, list the applicant name and the title of the signer				
International Business Machines Corporation Applicant Name:				
Title of Person Executing This Substitute Statement Counsel				
The script whose rife is submed above. Is authorized to dot on beign of the approxim				
Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):				
City Alpine State UT Country US				
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)				
357 N. Main Street				
city Alpine State UT Zip 84004 Country US				
Note Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after difigent effort, or has refused to execute the cath or declaration under 37 CFR 1 63				
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[Page 2 of 2]

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: MANIPULATING DESIGN MODELS BY EDITING GENERATED REPORTS

As a below named 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 13/953,146 filed on July 29, 2013.

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: Steven Abrams	
Signature:	Date:
(2) Legal Name of Inventor: Bard Bloom	
Signature:	Date:
(3) Legal Name of Inventor: Paul T. Keyser	
Signature: Faul T. Reys	Date: 2018 May 1
(4) Legal Name of Inventor: Douglas N. Kimelman	
Signature:	Date:

(5) Lega	l Name of Inventor: Eric M. Nelson	
Signa	ature:	Date:
(6) Lega	al Name of Inventor: Tova Roth	
Signa	ature:	_ Date:
(7) Lega	al Name of Inventor: Ian D. Simmonds	
Signa	ature:	Date:
(8) Lega	al Name of Inventor: Steven Tang	
Signa	nture:	Date:
(9) 1	Legal Name of Inventor: John M. Vlissides	
Signa	nture:	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

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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.

Page 1 of 3

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: Steven Abrams	
	Signature:	Date:
(2)	Legal Name of Inventor: Bard Bloom	
	Signature:	_Date:
(3)	Legal Name of Inventor: Paul T. Keyser	
	Signature:	_ Date:
(4)	Legal Name of Inventor: Douglas N. Kimelman	
	Signature: Thurm	Date: 2/12/2018

(5)	Legal Name of Inventor: Eric M. Nelson	
	Signature:	_Date:
(6)	Legal Name of Inventor: Tova Roth	
	Signature:	Date:
(7)	Legal Name of Inventor: Ian D. Simmonds	
	Signature:	Date:
(8)	Legal Name of Inventor: Steven Tang	
	Signature:	Date:
	(9) Legal Name of Inventor: John M. Vlissides	
	Signature	Date:

Title of Invention: MANIPULATING DESIGN MODELS BY EDITING GENERATED REPORTS

THE THE PLOT HOUSE OF THE CONTRACT OF THE PROPERTY OF THE PROP

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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.

Page 1 of 3

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	Signature:	Date:
(4)	Legal Name of Inventor: Douglas N. Kimelman	
	Signature:	Date:

¥

(5) Legal Name of Inventor: Eric M. Nelson	•
Signature: Sai M. Mah	Date: <u>April 30, 2011</u>
(6) Legal Name of Inventor: Tova Roth	
Signature:	Date:
(7) Legal Name of Inventor: Ian D. Simmonds	
Signature:	Date:
(8) Legal Name of Inventor: Steven Tang	. ,
Signature:	Date:
(9) Legal Name of Inventor: John M. Vlissides	
Signature:	Date:

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With a control of Duction Mark to Company of the Control of the Co

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.

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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: Steven Abrams	
Signature:	Date:
(2) Legal Name of Inventor: Bard Bloom	
Signature:	Date:
(3) Legal Name of Inventor: Paul T. Keyser	
Signature:	Date:
(4) Legal Name of Inventor: Douglas N. Kimelman	
Signature:	Date:

(5) Legal Name of Inventor: Eric M. Nelson	
Signature:	Date;
(6) Legal Name of Inventor: Toya Roth Signature:	Date: 711013
(7) Legal Name of Inventor: Ian D. Simmonds	
Signature:	Date:
(8) Legal Name of Inventor: Steven Tang	
Signature:	Date:
(9) Legal Name of Inventor: John M. Vlissides	
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: MANIPULATING DESIGN MODELS BY EDITING GENERATED REPORTS

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
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.

Page 1 of 3

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(1)	Legal Name of Inventor: Steven Abrams	
	Signature:	Date:
(2)	Legal Name of Inventor: Bard Bloom	
	Signature:	_Date:
(3)	Legal Name of Inventor: Paul T. Keyser	
	Signature:	Date:
(4)	Legal Name of Inventor: Douglas N. Kimelman	
	Signature:	Date:

Page 2 of 3

(3)	Legal Name of Inventor: Eric M. Neison	
	Signature:	Date:
(6)	Legal Name of Inventor: Tova Roth	
	Signature:	Date:
	Legal Name of Inventor: Ian D. Simmonds	
	Signature:	Date: 8 July 2013
(8)	Legal Name of Inventor: Steven Tang	
	Signature:	Date:
(9)	Legal Name of Inventor: John M. Vlissides	
	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: MANIPULATING DESIGN MODELS BY EDITING GENERATED REPORTS

As a below named 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 13/953,146 filed on July 29, 2013.

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;

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	Signature:	_Date:
(3)	Legal Name of Inventor: Paul T. Keyser	
	Signature:	_ Date:
(4)	Legal Name of Inventor: Douglas N. Kimelman	
	Signature:	Date:

Page 2 of 3

Signature:___

	IBM DOCKET NUMBER: YOR920070314US2
(5) Legal Name of Inventor: Eric M. Nelson	
Signature:	Date:
(6) Legal Name of Inventor: Tova Roth	
Signature:	Date:
(7) Legal Name of Inventor Ian D. Simmonds	
Signature:	Date:
(8) Legal Name of Inventor: Steven Tang	> , ,
Signature:	2092 Date 1/31/2013
(9) Legal Name of Inventor: John M. Vlissides, of Estate of John M. V	Réceased, by Dru Ann Vhissides, Executrix of the Hissides

From: 8009806858 To: 15167424366

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Title of Invention	MANIPULATING DESIGN MODELS BY EDITING GENERATED REPORTS					
This stateme	ent is directed to					
The attached application,						
OR						
United States application or PCT international application number 13/953, 146 filed on July 29, 2013						
LEGAL NAME of inventor to whom this substitute statement applies:						
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)						
John G. Viissides						
Residence (except for a deceased or legally incapa	citated inventor)			·	
		.				
City State Country Mailing Address (except for a deceased or legally incapacitated inventor)						
					Country	
City		State		/Zip	Country	
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application						
The above-identified application was made or authorized to be made by me						
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.						
Relationship to the inventor to whom this substitute statement applies						
Legal Representative (for deceased or legally incapacitated inventor only),						
Assignee.						
Person to whom the inventor is under an obligation to assign,						
Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or						
	Joint Inventor.					
				_		

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1 63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1 11 and 1 14. This collection is estimated to take 1 minute to by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1 11 and 1 14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer. U.S. Complete Commence, P.O. Box 1450, Alexandria, VA 22313-1450. D. NOT SEND FEES OR COMPLETED FORMS TO THE ADDRESS CENTED TO Complete the store of the process. THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement						
Inventor is deceased,						
Inventor is under legal incapacity.						
Inventor cannot be found or reached after diligent effort, or						
Inventor has refused to execute the oath or declaration under 37 CFR 1 63.						
If there are joint inventors, please check the appropriate box below						
An application data sheet under 37 CFR 1 76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted						
OR .						
An application data sheet under 37 CFR 1 76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1 64(b).						
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Signature Turk & Fine II						
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International Business Machines Corporation Applicant Name						
Title of Person Executing This Substitute Statement: Counsel						
The element whose title is supplied above is authorized to act on behalf of the applicant.						
Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):						
City Alpine State UT Country US Country US						
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)						
357 N. Main Street						
City Alpine State UT Zip 84004 Country US						
Note Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1 63						
Siller Unigent energy of the releases to another the						

[Page 2 of 2]