503042836 10/31/2014

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3089435

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JANET R. EASTON	06/24/2013
WILLIAM A. HOLDER	06/25/2013
BERND NERZ	06/20/2013
DAMIAN L. OSISEK	07/12/2013
GUSTAV E. SITTMANN III	06/19/2013
RICHARD P. TARCZA	07/16/2013
LESLIE W. WYMAN	07/18/2013

#### **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:	14529239

#### **CORRESPONDENCE DATA**

**Fax Number:** (518)452-5579

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.

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ATTORNEY DOCKET NUMBER:	POU920030028US5-0560.479D
NAME OF SUBMITTER:	BLANCHE E. SCHILLER, ESQ.
SIGNATURE:	/Blanche E. Schiller/
DATE SIGNED:	10/31/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
	PAILNI

503042836 REEL: 034078 FRAME: 0186

#### Total Attachments: 20

source=POU920030028US5\_Assignment-Declaration-SubstituteStatement-Signed#page1.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page2.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page3.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page4.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page5.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page6.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page7.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page8.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page9.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page10.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page11.tif source=POU920030028US5\_Assignment-Declaration-SubstituteStatement-Signed#page12.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page13.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page14.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page15.tif source=POU920030028US5\_Assignment-Declaration-SubstituteStatement-Signed#page16.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page17.tif source=POU920030028US5\_Assignment-Declaration-SubstituteStatement-Signed#page18.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page19.tif source=POU920030028US5 Assignment-Declaration-SubstituteStatement-Signed#page20.tif

> PATENT REEL: 034078 FRAME: 0187

## 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: INTERPRETING I/O OPERATION REQUESTS FROM PAGEABLE GUESTS WITHOUT HOST INTERVENTION

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.
l 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: Janet R. Easton

Signature: Janet R. Easton	Date: 6/24/13
(2) Legal Name of Inventor: William A. Holder	
Signature:	Date:
(3) Legal Name of Inventor: <b>Bernd Nerz</b>	
Signature:	Date:
(4) Legal Name of Inventor: <b>Damian L. Osisek</b>	
Signature:	Date:

(5)	Legal Name of Inventor: Gustav E.	Sittmann, III	
	Signature: (See Substitute Statement	in Lieu of Oath or Declaration)	Date:
(6)	Legal Name of Inventor: Richard P.	Tarcza	
	Signature:		Date:
(7)	Legal Name of Inventor: Leslie W. W	/yman	
	Signatura		Data

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Page L of 3

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(1) Legal Name of Inventor: Janet R. Easton	
Signature:	Date:
(2) Legal Name of Inventor: William A. Holder	
Signature: Which Holling	Date: 6/25/201
(3) Legal Name of Inventor: Bernd Nerz	
Signature:	Date:
(4) Legal Name of Inventor: Damian L. Osisek	
Signature:	Date:

(5)	Legal Name of Inventor: Gustav E. Sittmann, III	
	Signature: (See Substitute Statement in Lieu of Oath or Declaration)	Date:
(6)	Legal Name of Inventor: Richard P. Tarcza	
	Signature:	Date:
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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.	

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Signature:	Date:
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Signature: Band Naz	Date: 20. Jun. 2013
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Signature:	Date:

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Page 3 of 3

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Signature:	Date:
(3) Legal Name of Inventor: Bernd Nerz	
Signature:	Date:
(4) Legal Name of Inventor: <b>Damian L. Osisek</b>	
Signature: Damen Onsel	Date: 7/12/2013

(5)	Legal Name of Inventor: Gustav E. Sittmann, III	
	Signature: (See Substitute Statement in Lieu of Oath or Declaration)	Date:
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(7)	Legal Name of Inventor: Leslie W. Wyman	
	Signature:	Date:

Doc code: Oath Document Description: Oath or declaration filed

#### POU920030028US4 BES/jb 0560.479C

PTO/AIA/02 (08-12)

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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	INTERPRETING I/O OPERATION REQUESTS FROM PAGEABLE GUESTS WITHOUT HOST INTERVENTION				
This stateme	This statement is directed to:				
The attached application,					
OR					
United States application or PCT international application number filed on					
LEGAL NA	ME of inventor to whom this sui	ostitute statement appl	ies: (	GUSTAV E. SITTI	MANN, III
	Name (first and middle (if any)) and Fi E. SITTMANN, III	amily Name or Surname)			
Residence (	except for a deceased or legally incape	citated inventor):			
City		State	Cour	ntry	
Mailing Addre	es (except for a deceased or legally incapa	citated inventor):		·	
City		State		Zip	Country
I believe the in the ap	above-named inventor or joint inventor plication.	or to be the original inventor	r or ar	n original joint inventor	r of a claimed invention
The above-i	dentified application was made or auth	orized 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.					
Relationsh	p to the inventor to whom this substitu	te statement applies:			
Le	gal Representative (for deceased or le	gally incapacitated invento	r only	<i>(</i> ).	
As	signee,				
Po	erson to whom the inventor is under an	obligation to assign,			
Po	erson who otherwise shows a sufficient	proprietary interest in the	matte	r (petition under 37 CF	R 1.46 is required), or
	Joint Inventor.				
L					

[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 gethering, preparing, and submitting the completed application form to the USPTO. Time will very 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. Box 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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WARNING.				
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).				
OR				
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.				
If there are joint inventors, please check the appropriate box below:				
Inventor has refused to execute the cath or declaration under 37 CFR 1.63.				
Inventor cannot be found or reached after diligent effort, or				
Inventor is under legal incapacity,				
Inventor is deceased,				
Circumstances permitting execution of this substitute statement:				

[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: INTERPRETING I/O OPERATION REQUESTS FROM PAGEABLE GUESTS WITHOUT HOST INTERVENTION

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 Durings Machines Corneration a corneration of New York having a place of

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: Janet R. Easton

(-)		
	Signature:	Date:
(2)	Legal Name of Inventor: William A. Holder	
	Signature:	Date:
(3)	Legal Name of Inventor: Bernd Nerz	
	Signature:	Date:
(4)	Legal Name of Inventor: Damian L. Osisek	
	Signatura:	Date

Page 2 of 3

(5)	Legal Name of Inventor:	Gustav E. Sittmann, III
	Signature: (See Substitut	e Statement in Lieu of Oath or Declaration) Date:
(6)	Legal Name of Inventor: Signature:	Richard P. Tarcza  Date: 7/16/2013
(7)	Legal Name of Inventor:	Leslie W. Wyman
	Signatura	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: INTERPRETING I/O OPERATION REQUESTS FROM PAGEABLE GUESTS WITHOUT HOST INTERVENTION

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

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: Janet R. Easton	
	Signature:	Date:
(2)	Legal Name of Inventor: William A. Holder	
	Signature:	_Date:
(3)	Legal Name of Inventor: Bernd Nerz	
	Signature:	Date:
(4)	Legal Name of Inventor: Damian L. Osisek	
	Signature:	Date:

(5) Legal Name of Inventor: Gustav E. Sittmann, III	
Signature: (See Substitute Statement in Lieu of Oath or Declaration)	Date:
(6) Legal Name of Inventor: Richard P. Tarcza	
Signature:	Date:
(7) Legal Name of Inventor: Leslie W. Wyman	
Signature: Leslie W. Wymon	Date: <u>7-18-13</u>

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PATENT REEL: 034078 FRAME: 0207

**RECORDED: 10/31/2014**