

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2823221

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JONATHAN D. BRADBURY	03/21/2014
FADI Y. BUSABA	03/21/2014
MARK S. FARRELL	03/21/2014
CHARLES W. GAINEY JR.	03/19/2014
DAN F. GREINER	03/21/2014
LISA CRANTON HELLER	03/21/2014
JEFFREY P. KUBALA	03/21/2014
DAMIAN L. OSISEK	03/24/2014
DONALD W. SCHMIDT	03/21/2014
TIMOTHY J. SLEGEL	03/21/2014
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:	14226986
CORRESPONDENCE DATA	
Fax Number:	(860)286-0115
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	860-286-2929
Email:	usptopatentmail@cantorcolburn.com
Correspondent Name:	CANTOR COLBURN LLP-IBM POUGHKEEPSIE
Address Line 1:	20 CHURCH STREET
Address Line 2:	22ND FLOOR
Address Line 4:	HARTFORD, CONNECTICUT 06103
ATTORNEY DOCKET NUMBER:	POU920140070US1

PATENT

NAME OF SUBMITTER:	ANNE DAVIS BARRY
SIGNATURE:	/Anne Davis Barry/
DATE SIGNED:	04/22/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 12

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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: **CONTROL AREA FOR MANAGING MULTIPLE THREADS IN A COMPUTER**

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
14/226,986 filed on 3/27/2014.

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 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 I desire to grant to IBM, 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 ("ASSIGNOR") hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to IBM (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 IBM, its successors, legal representatives, and assigns, my 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 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 IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to IBM 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 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: **Jonathan D. Bradbury**

Signature: Jonathan D. Bradbury Date: 3/21/2014

(2) Legal Name of Inventor: **Fadi Y. Busaba**

Signature: Fadi Y. Busaba Date: 3/21/2014

(3) Legal Name of Inventor: **Mark S. Farrell**

Signature: Mark S. Farrell Date: 3/21/2014

(4) Legal Name of Inventor: **Charles W. Gainey, Jr.**

Signature: DECEASED INVENTOR - PLEASE SEE SUBSTITUTE STATEMENT ATTACHED HEREWITH

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

(5) Legal Name of Inventor: **Dan F. Greiner**

Signature: _____ Date: _____

(6) Legal Name of Inventor: **Lisa Cranton Heller**

Signature: Lisa Cranton Heller Date: 3/21/2014

(7) Legal Name of Inventor: **Jeffrey P. Kubala**

Signature: Jeffrey P. Kubala Date: 3/21/14

(8) Legal Name of Inventor: **Damian L. Osisek**

Signature: _____ Date: _____

(9) Legal Name of Inventor: **Donald W. Schmidt**

Signature: Donald W. Schmidt Date: 3/21/2014

(10) Legal Name of Inventor: **Timothy J. Slegel**

Signature: Timothy J. Slegel Date: 3/21/2014

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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Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I ("ASSIGNOR") hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to IBM (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 IBM, its successors, legal representatives, and assigns, my 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 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 IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to IBM 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 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.

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(1) Legal Name of Inventor: **Jonathan D. Bradbury**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **Fadi Y. Busaba**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Mark S. Farrell**

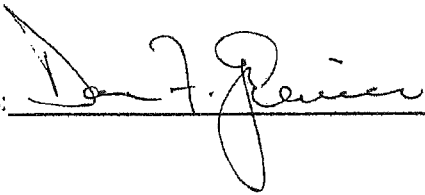
Signature: _____ Date: _____

(4) Legal Name of Inventor: **Charles W. Gainey, Jr.**

Signature: DECEASED INVENTOR – PLEASE SEE SUBSTITUTE STATEMENT ATTACHED HEREWITH

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

(5) Legal Name of Inventor: Dan F. Greiner

Signature:  Date: 21 March 2014

(6) Legal Name of Inventor: Lisa Cranton Heller

Signature: _____ Date: _____

(7) Legal Name of Inventor: Jeffrey P. Kubala

Signature: _____ Date: _____

(8) Legal Name of Inventor: Damian L. Osisek

Signature: _____ Date: _____

(9) Legal Name of Inventor: Donald W. Schmidt

Signature: _____ Date: _____

(10) Legal Name of Inventor: Timothy J. Slegel

Signature: _____ Date: _____

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Signature: _____ Date: _____

(2) Legal Name of Inventor: **Fadi Y. Busaba**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Mark S. Farrell**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Charles W. Gainey, Jr.**

Signature: DECEASED INVENTOR – PLEASE SEE SUBSTITUTE STATEMENT ATTACHED HEREWITH

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(5) Legal Name of Inventor: Dan F. Greiner

Signature: _____ Date: _____

(6) Legal Name of Inventor: Lisa Cranton Heller

Signature: _____ Date: _____

(7) Legal Name of Inventor: Jeffrey P. Kubala

Signature: _____ Date: _____

(8) Legal Name of Inventor: Damian L. Osisek

Signature: *Damian Osisek* Date: 3/24/2014

(9) Legal Name of Inventor: Donald W. Schmidt

Signature: _____ Date: _____

(10) Legal Name of Inventor: Timothy J. Slegel

Signature: _____ Date: _____

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	CONTROL AREA FOR MANAGING MULTIPLE THREADS IN A COMPUTER
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This statement is directed to:

The attached application,

OR

United States application or PCT international application number _____ filed on _____.

LEGAL NAME of inventor to whom this substitute statement applies:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)
Charles W. Gainey, Jr.

Residence (except for a deceased or legally incapacitated inventor):

City	State	Country
------	-------	---------

Mailing Address (except for a deceased or legally incapacitated inventor):

City	State	Zip	Country
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City	State	Zip	Country
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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.

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. 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.
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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.

PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: **Pryor Garnett, Reg. No. 32136** Date (Optional): **3-19-2014**

Signature: 

APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

If 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: **Pryor Garnett, Senior Counsel**

The signer, 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 **Portland** State **OR** Country **US**

Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)

1385 NW Amberglen Parkway

City **Hillsboro** State **OR** Zip **97006** 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.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

March 31, 2014

PTAS

CANTOR COLBURN LLP-IBM POUGHKEEPSIE
20 CHURCH STREET
22ND FLOOR
HARTFORD, CT 06103



502741245

United States Patent and Trademark Office
Notice of Non-Recordation of an Assignment Document

The enclosed document has been examined and found non-recordable by the Assignment Recordation Branch of the U.S. Patent and Trademark Office. The reason(s) for non-recordation are stated below:

1. Deceased inventors must be on cover sheet beside "executrix to the deceased estate." Make corrections on this same cover sheet. refile electronically

Documents being resubmitted for recordation must reflect the corrected information to be recorded, the Document ID number referenced above and all pages from this submitted document. The original date of filing of this assignment document will be maintained if resubmitted with the appropriate correction(s) by **Monday, June 2, 2014**, as outlined under 37 CFR 3.51. The resubmitted document must include a stamp with the official date of receipt under 37 CFR 3. Applicants may use the certified procedures under 37 CFR 1.8 or 1.10 for resubmission of the returned papers if they desire to have the benefit of the date of deposit in the United States Postal Service.

Send documents to: U.S. Patent and Trademark Office, Mail Stop: Assignment Recordation Branch, P.O. BOX 1450, Alexandria, VA 22313. If you have any questions regarding this notice, you may contact the Assignment Recordation Branch at 571-272-3350.

MARY BENTON
ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION



*spoke to Mary Benton
ON 4-22-14 to Process
Notice of Recordation*