PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3147937

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHARLES W. GAINEY JR.	11/27/2013
KLAUS MEISSNER	10/31/2012
DAMIAN L. OSISEK	11/01/2012
KLAUS WERNER	11/05/2012

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:	14570612	

CORRESPONDENCE DATA

Fax Number: (518)452-5579

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Correspondent Name: HESLIN ROTHENBERG FARLEY & MESITI P.C.

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ATTORNEY DOCKET NUMBER:	POU920080194US4_0560.839C	
NAME OF SUBMITTER:	BLANCHE E. SCHILLER, ESQ.	
SIGNATURE:	/Blanche E. Schiller/	
DATE SIGNED:	12/15/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 6

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503101330 PATENT REEL: 034509 FRAME: 0540



PATENT REEL: 034509 FRAME: 0541 Doc code: Oath

Document Description: Oath or declaration filed

PTO/ALA/02 (07-13)
Approved for use through 01/31/2014. OMB 0651-0032
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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 stateme	ent is directed to:			
The att	ached application,			
OR	Particle Spirit			
	States application or PCT international	application number	<u>/672,21</u>	12 filed on 11/08/2012
LEGAL NA	AME of Inventor to whom this sub	betitute statement app	lies:	
	Name (first and middle (if any)) and Fa		· · · · · · · · · · · · · · · · · · ·	
CHARL	.ES W. GAINEY, JR.			
Residence (r	except for a deceased or legally incepa	aciteted inventor):		
City	nes (except for a decessed or legally incaped	State	Country	
City		Ctata	Zio	Country
City State Zio 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. 116 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 1480, Alexandria, VA 22313-1480, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1460.

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

PTO/SB/AIA02 (07-13)

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Under the Papenvork Reduction Act of 1995, no persons are required to respond to a co

SUBSTITUTE STATEMENT

Circumstances permitting execution of	of this substitute statement			
les terrentes to deceased	A SING SUCCESSION SISSESSION OF THE SUCCESSION O			
Inventor is deceased,				
Inventor is under legal incap	•			
Inventor cannot be found or	reached after diligent effort, o	or .		
Inventor has refused to exec	cute the oath or declaration un	nder 37 CFR 1.63,		
If there are joint inventors, please che				
or is currently submitted.	ider 37 CFR 1.76 (PTO/AIA/14	4 or equivalent) naming the e	entire inventive entity has been	
OR	•			
An application data sheet un Statement Supplemental She information is attached. See	eet (PTO/AIA/11 or equivalen	4 or equivalent) has not been it) naming the entire inventive	n submitted. Thus, a Substitute entity and providing inventor	
	WARNING			
Petitioner/applicant is cautioned to evok contribute to identify theft. Personal info (other than a check or credit card author to support a petition or an application. It petitioners/applicants should consider re USPTO. Petitioner/applicant is advised application (unless a non-publication recpatent. Furthermore, the record from an referenced in a published application or PTO-2038 submitted for payment purpo	If this type of personal informs edacting such personal inform I that the record of a patent ap quest in compliance with 37 C n abandoned application may an issued patent (see 37 CFF	ation is included in document pation from the documents be polication is available to the p DFR 1.213(a) is made in the a raiso be available to the publ R 1.14). Checks and credit of	s submitted to the USPTO, provide submitting them to the public after publication of the application) or issuance of a ic if the application is unthorization forms.	
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PERSON EXECUTING THIS SUBSTITE				
PERSON EXECUTING THIS SUBSTITE	UTE STATEMENT:		11/27/2013 Date (Optional):	
PERSON EXECUTING THIS SUBSTITUTION PROPERTY A. Garne Signature: Page A. Garne	ute statement: tt, Reg. No. 32	2,136	11/27/2013	
PERSON EXECUTING THIS SUBSTITUTION Name: Pryor A. Garne Signature: Pryor A. Garne APPLICANT NAME AND TITLE OF PE	ute statement: tt, Reg. No. 32	2,136	11/27/2013	
PERSON EXECUTING THIS SUBSTITUTE Name: Pryor A. Garne Signature: Pryor A. Garne APPLICANT NAME AND TITLE OF PE If the applicant is a juristic entity, list the International Bus Applicant Name:	ett, Reg. No. 32 ERSON EXECUTING THIS SU applicant name and the title of siness Machines Corporate	2,136 UBSTITUTE STATEMENT: of the signer:	11/27/2013	
PERSON EXECUTING THIS SUBSTITUTE Name: Pryor A. Garne Signature: Pryor A. Garne APPLICANT NAME AND TITLE OF PE If the applicant is a juristic entity, list the International Bus Applicant Name: Title of Person Executing This Substitute Statement: Senior Co	ett, Reg. No. 32 ERSON EXECUTING THIS SU applicant name and the title of siness Machines Corporations of the siness Machines Corporation	2,136 UBSTITUTE STATEMENT: of the signer: oration	11/27/2013	
PERSON EXECUTING THIS SUBSTITUTE Name: Pryor A. Garne Signature: Pryor A. Garne APPLICANT NAME AND TITLE OF PE If the applicant is a juristic entity, list the International Bus Applicant Name:	ERSON EXECUTING THIS SU applicant name and the title of siness Machines Corporations of the suitorized to act on behine.	2,136 UBSTITUTE STATEMENT: of the signer: oration alf of the applicant. sheet, PTO/AIA/14 or equiv	11/27/2013 Date (Optional):	
PERSON EXECUTING THIS SUBSTITUTE Name: Pryor A. Garne Signature: Pryor	ERSON EXECUTING THIS SU applicant name and the title of siness Machines Corporations of the suthorized to act on behalded in an application data and state OR	2,136 UBSTITUTE STATEMENT: of the algner: oration all of the applicant. sheet, PTO/ALA/14 or equively US	11/27/2013 Date (Optional):	
PERSON EXECUTING THIS SUBSTITUTE Name: Pryor A. Garne Signature: Pryor	erson executing this surplication data application of the surplication data application data application an application data approvided in an application data approvided in an application data approvided in an application	2,136 UBSTITUTE STATEMENT: of the algner: oration all of the applicant. sheet, PTO/ALA/14 or equively US	11/27/2013 Date (Optional):	

[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: INTERRUPTION FACILITY FOR ADJUNCT PROCESSOR QUEUES

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.	
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.

Page 1 of 2

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: Charles W. Gainey, Jr.	
Signature: (See Substitute Statement in Lieu of Oath or Declarat	ion) Date:
(2) Legal Name of Inventor: Klaus Meissner	
Signature: Wans Me An	Date: 10/31/2012
(3) Legal Name of Inventor: Damian L. Osisek	
Signature:	Date:
(4) Legal Name of Inventor: Klaus Werner	
Signature: Waus World	Date: 11/5/2012

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: INTERRUPTION FACILITY FOR ADJUNCT PROCESSOR QUEUES

738 a below named inventor. Thereby 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 2

Each undersigned inventor acknowledges their prior and ongoing obligations to self, 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 self, 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.

Thereby 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: Charles W. Gamey, Jr.	
	Signature: (See Substitute Statement in Lieu of Oath or Declaration)	Date:
(2)	Legal Name of Inventor: Klaus Meissner	
	Signature:	Date:
(3)	Legal Name of Inventor: Damian L. Osisek	
	Signature: Danie (Chin)	Date: 11/1/2017
(4)	Legal Name of Inventor: Klaus Werner	
	Signature:	Date:

Page 2 of 2