

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Daniel F. Casper</td> <td>06/21/2013</td> </tr> <tr> <td>John R. Flanagan</td> <td>06/14/2013</td> </tr> <tr> <td>Catherine C. Huang</td> <td>06/14/2013</td> </tr> <tr> <td>Matthew J. Kalos</td> <td>06/21/2013</td> </tr> <tr> <td>Ugochukwu C. Njoku</td> <td>07/02/2013</td> </tr> <tr> <td>Dale F. Riedy</td> <td>06/20/2013</td> </tr> <tr> <td>Gustav E. Sittmann III</td> <td>06/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Daniel F. Casper	06/21/2013	John R. Flanagan	06/14/2013	Catherine C. Huang	06/14/2013	Matthew J. Kalos	06/21/2013	Ugochukwu C. Njoku	07/02/2013	Dale F. Riedy	06/20/2013	Gustav E. Sittmann III	06/19/2013
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<table border="1"> <tr> <td>Name:</td> <td>International Business Machines Corporation</td> </tr> <tr> <td>Street Address:</td> <td>New Orchard Road</td> </tr> <tr> <td>City:</td> <td>Armonk</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10504</td> </tr> </table>		Name:	International Business Machines Corporation	Street Address:	New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504						
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PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13945272</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13945272												
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CORRESPONDENCE DATA																	
Fax Number:	8602860115																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</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:	POU920070305US3																

CH \$40.00 13945272

NAME OF SUBMITTER:	Thomas J. Ryan
Signature:	/Thomas J. Ryan/
Date:	07/18/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p>Total Attachments: 13 source=6RH2620#page1.tif source=6RH2620#page2.tif source=6RH2620#page3.tif source=6RH2620#page4.tif source=6RH2620#page5.tif source=6RH2620#page6.tif source=6RH2620#page7.tif source=6RH2620#page8.tif source=6RH2620#page9.tif source=6RH2620#page10.tif source=6RH2620#page11.tif source=6RH2620#page12.tif source=6RH2620#page13.tif</p>	

**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: **PROVIDING INDIRECT DATA ADDRESSING FOR A CONTROL BLOCK
AT A CHANNEL SUBSYSTEM OF AN I/O PROCESSING SYSTEM**

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 _____
filed on _____.

The above-identified application was made or authorized to be made by me.

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Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

Whereas, International Business Machines Corporation (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: **Daniel F. Casper**

Signature: Daniel F. Casper Date: 06-21-2013

(2) Legal Name of Inventor: **John R. Flanagan**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Catherine C. Huang**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Matthew J. Kalos**

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IBM DOCKET NUMBER: POU920070305US3

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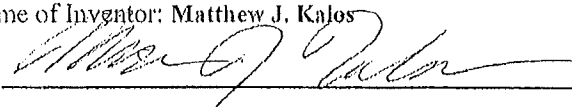
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Signature: Ugochukwu C. Njoku Date: July 2, 2013

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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)**

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This statement is directed to:			
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OR			
<input type="checkbox"/> United States application or PCT International application number _____ filed on _____			
LEGAL NAME of Inventor to whom this substitute statement applies: Gustav E. Sittmann, III (E.g., Given Name (first and middle (if any)) and Family Name or Surname) Gustav E. Sittmann, III			
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	
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:			
<input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only),			
<input checked="" type="checkbox"/> Assignee,			
<input type="checkbox"/> Person to whom the inventor is under an obligation to assign,			
<input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.48 is required), or			
<input type="checkbox"/> Joint Inventor.			

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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 1480, Alexandria, VA 22313-1480.

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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).

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: International Business Machines Corporation, Applicant - by Pryor A. Garnett, Senior Counsel, Reg. No. 32,136

6/19/2013

Date (Optional):

Signature: 

Residence (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City **Portland** State **OR** Country **US**

Mailing Address (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.

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