

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Scott M. Carlson</td> <td>04/10/2013</td> </tr> <tr> <td>Donald Crabtree</td> <td>04/10/2013</td> </tr> <tr> <td>Dennis J. Dahlen</td> <td>03/28/2013</td> </tr> <tr> <td>Beth A. Glendening</td> <td>03/28/2013</td> </tr> <tr> <td>Michel H.T. Hack</td> <td>03/25/2013</td> </tr> <tr> <td>Denise M. Sevigny</td> <td>04/10/2013</td> </tr> <tr> <td>Ronald M. Smith Sr.</td> <td>05/01/2013</td> </tr> <tr> <td>David E. Whitney</td> <td>04/03/2013</td> </tr> </tbody> </table>		Name	Execution Date	Scott M. Carlson	04/10/2013	Donald Crabtree	04/10/2013	Dennis J. Dahlen	03/28/2013	Beth A. Glendening	03/28/2013	Michel H.T. Hack	03/25/2013	Denise M. Sevigny	04/10/2013	Ronald M. Smith Sr.	05/01/2013	David E. Whitney	04/03/2013
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RECEIVING PARTY DATA																			
<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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CORRESPONDENCE DATA																			
Fax Number:	5184525579																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone:	518-452-5600																		
Email:	jb@hrfmlaw.com																		
Correspondent Name:	HESLIN ROTHENBERG FARLEY & MESITI P.C.																		
Address Line 1:	5 COLUMBIA CIRCLE																		
Address Line 4:	ALBANY, NEW YORK 12203																		
ATTORNEY DOCKET NUMBER:	POU920070012US4_0560.713C																		

CH \$40.00 13888506

NAME OF SUBMITTER:	Blanche E. Schiller, Esq.
Signature:	/Blanche E. Schiller/
Date:	05/07/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 17**

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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: **CHANNEL SUBSYSTEM SERVER TIME PROTOCOL COMMANDS**

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 \_\_\_\_\_  
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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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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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(1) Legal Name of Inventor: **Scott M. Carlson**

Signature: Scott M. Carlson Date: 4/10/13

(2) Legal Name of Inventor: **Donald Crabtree**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(3) Legal Name of Inventor: **Dennis J. Dahlen**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Signature: (See Substitute Statement in Lieu of Oath or Declaration)

(8) Legal Name of Inventor: **David E. Whitney**

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Signature: Donald Crabtree Date: 4/10/13

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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(6) Legal Name of Inventor: **Denise M. Sevigny**

Signature: Denise M. Sevigny Date: 4/10/2013

(7) Legal Name of Inventor: **Ronald M. Smith, Sr.**

Signature: (See Substitute Statement in Lieu of Oath or Declaration)

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(3) Legal Name of Inventor: **Dennis J. Dahlen**

Signature: *Dennis J. Dahlen* Date: MAR 28, 2013

(4) Legal Name of Inventor: **Beth A. Glendening**

Signature: *Beth A. Glendening* Date: March 28, 2013

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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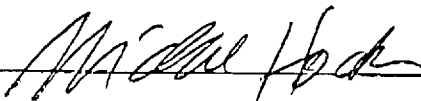
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Signature:  Date: 2013-03-25

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(6) Legal Name of Inventor: **Denise M. Sevigny**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(7) Legal Name of Inventor: **Ronald M. Smith, Sr.**

Signature: (See Substitute Statement in Lieu of Oath or Declaration)

(8) Legal Name of Inventor: **David E. Whitney**

Signature: David E. Whitney Date: 04/03/13

Doc code: Oath  
Document Description: Oath or declaration filed

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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	CHANNEL SUBSYSTEM SERVER TIME PROTOCOL COMMANDS		
This statement is directed to:			
<input checked="" type="checkbox"/> The attached application,			
OR			
<input type="checkbox"/> United States application or PCT international application number _____ filed on _____			
LEGAL NAME of inventor to whom this substitute statement applies: Ronald M. Smith, Sr.			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Ronald M. Smith, Sr.			
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 1.46 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 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).

**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 A. Garnett, Senior Counsel, Reg. 32136, International Business Machines Corporation		Date (Optional) 2013-05-01	
Signature: 			
Residence (unless provided in an application data sheet, PTO/AIA/14 or equivalent):			
City Portland	State OR	Country USA	
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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