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122305

**1. Name of conveying party(ies)**  
 Claire S. Cates  
 Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
 Name: SAS Institute Inc.  
 Internal Address: \_\_\_\_\_  
 Street Address: SAS Campus Drive  
 City: Cary  
 State: North Carolina  
 Country: US Zip: 27513  
 Additional name(s) & address(es) attached?  Yes  No

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11/3/17594



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**3. Nature of conveyance/Execution Date(s):**  
 Execution Date(s) December 21, 2005  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
 A. Patent Application No.(s) \_\_\_\_\_  
 B. Patent No.(s) \_\_\_\_\_  
 Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: David B. Cochran  
 Internal Address: Jones Day  
North Point  
 Street Address: 901 Lakeside Avenue  
 City: Cleveland  
 State: OH Zip: 44114  
 Phone Number: (216) 586-3939  
 Fax Number: (216) 579-0212  
 Email Address: dcochran@jonesday.com

**6. Total number of applications and patents involved:** 1  
**7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
 a. Credit Card Last 4 Numbers \_\_\_\_\_  
 Expiration Date \_\_\_\_\_  
 b. Deposit Account Number \_\_\_\_\_  
 Authorized User Name \_\_\_\_\_

**9. Signature:** David B. Cochran December 23, 2005  
 Signature Date  
 David B. Cochran  
 Name of Person Signing  
 Total number of pages including cover sheet, attachments, and documents: 4

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01-06-2006 40.00 DA

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ASSIGNMENT

WHEREAS, one or more inventions have been made by the undersigned in **SYSTEM AND METHOD FOR DETECTING REDUNDANT SUBROUTINE CALLS** and are the subject of a patent application filed in the United States Patent and Trademark Office herewith, which application is identified as Jones Day Docket No. 343355-600112.

WHEREAS, SAS Institute Inc., a corporation of the State of North Carolina, having a principal place of business at SAS Campus Drive, Cary, North Carolina 27513, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest in said inventions and patent rights therefor throughout the world.

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, THE UNDERSIGNED HEREBY SELLS, ASSIGNS, TRANSFERS, AND DELIVERS TO ASSIGNEE all right, title, and interest, in the United States and throughout the world, in said inventions and all patents, patent rights, patent applications, and inventor's certificates for said inventions, including without limitation said application for patent in the United States and all provisionals, divisions, continuations, continuations-in-part, and resulting patents, all right to sue for infringement or past infringement, and all patents and patent rights that may be granted for said inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits,

assignments, and other instruments will be made, executed, and delivered as may be necessary or desirable to secure for or vest in assignee, its successors or assigns, any invention right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Patent and Trademark Office is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in the patents, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in the patents.

The undersigned hereby grants the firm of Jones Day the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

