

11-23-2004

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

REC'D

102887250  
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

## 1. Name of conveying party(ies)/Execution Date(s):

Leslie G. Tudor

Walden B. Crabtree

Execution Date(s) November 15, 2004Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

## 2. Name and address of receiving party(ies)

Name: SAS Institute Inc.

Internal Address: \_\_\_\_\_

Street Address: SAS Campus DriveCity: CaryState: North CarolinaCountry: US Zip: 27513Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 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: John V. BiernackiInternal Address: Jones DayNorth PointStreet Address: 901 Lakeside AvenueCity: ClevelandState: OH Zip: 44114Phone Number: (216) 586-7747Fax Number: (216) 579-0212Email Address: jvbiernacki@jonesday.com6. Total number of applications and patents involved: 17. 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 501432Authorized User Name Kathie J. Kopczyk9. Signature: Kathie J. Kopczyk  
Signature

November 16, 2004

Date

Kathie J. Kopczyk

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450PATENT  
REEL: 015997 FRAME: 0861

11/22/2004 ECUPER 00000212 501432 10989582

01 FC:8021 40.00 DA

22386 U.S. PTO  
10/989582

111604

11.11.04

# **ASSIGNMENT**

(Joint)

**WHEREAS**, new and useful improvements and inventions have been made by the undersigned in

## **COMPUTER-IMPLEMENTED GRAPHICAL USER INTERFACE PREVIEWS**

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below in the appropriate spaces to the right of the signatures of the undersigned, which application is further identified as Jones Day Docket No. 343355-600085.

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

**NOW, THEREFORE**, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; 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 improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks 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, to, and under the same, 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, to, and under the same.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Leslie G. Tudor  
LESLIE G. TUDOR

Nov 15 2004  
Date I signed this assignment

Nov 15 2004  
Date I signed Declaration or Oath

Post Office Address: 201 Wood Lily Lane  
Cary, NC 27511

STATE OF NORTH CAROLINA

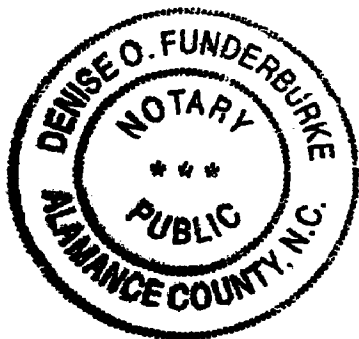
COUNTY OF WAKE

} ss.

The above named LESLIE G. TUDOR, known to me, appeared before me this 15<sup>th</sup> day of November, 2004, and acknowledged that the foregoing instrument was executed as her free act and deed for the uses and purposes therein set forth.

Denise O. Funderburke  
Notary Public

(Notarial Seal)



My Commission Expires: 12-2-2006

Walden B. Crabtree  
WALDEN B. CRABTREE

Nov. 15, 2004  
Date I signed this assignment

Nov. 15, 2004  
Date I signed Declaration or Oath

Post Office Address: 10844 Leslie Drive  
Raleigh, NC 27614

STATE OF NORTH CAROLINA

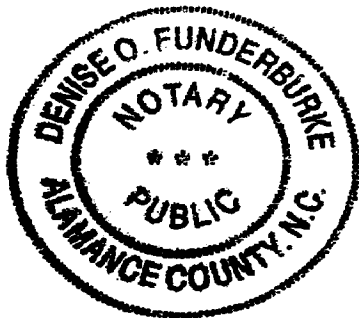
COUNTY OF WAKE

} ss.

The above named WALDEN B. CRABTREE, known to me, appeared before me this 15<sup>th</sup> day of November, 2004, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

Denise O. Funderburke  
Notary Public

(Notarial Seal)



My Commission Expires: 12-2-2006