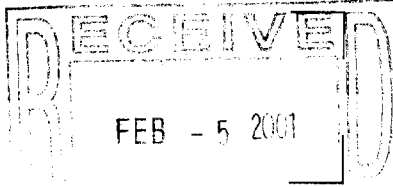


02-14-2001



101613250



U.S. Department of Commerce
Patent and Trademark Office
PATENT

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

2 5-01

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name	Execution Date Month Day Year
Name (line 1) <input type="text" value="Levine, Fred"/>	<input type="text" value="07 10 00"/>
Name (line 2) <input type="text"/>	
Second Party	
Name (line 1) <input type="text" value="Giles, Steven"/>	<input type="text" value="07 18 00"/>
Name (line 2) <input type="text"/>	

09613348

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Mail documents to be recorded with required cover sheet(s) information to:
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PATENT
REEL: 011504 FRAME: 0197

Correspondent Name and Address

Area Code and Telephone Number (216) 586-7747

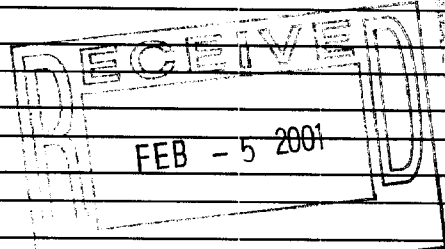
Name John V. Biernacki

Address (line 1) Jones, Day, Reavis & Pogue

Address (line 2) North Point

Address (line 3) 901 Lakeside Avenue

Address (line 4) Cleveland, OH 44114



Pages Enter the total number of pages of the attached conveyance document including any attachments. # 3

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09613348

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT [] PCT [] PCT []
PCT [] PCT [] PCT []

Number of Properties

Enter the total number of properties involved. # 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 50-1432

Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Kathie J. Kopczyk

Kathie J. Kopczyk

February 5, 2001

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

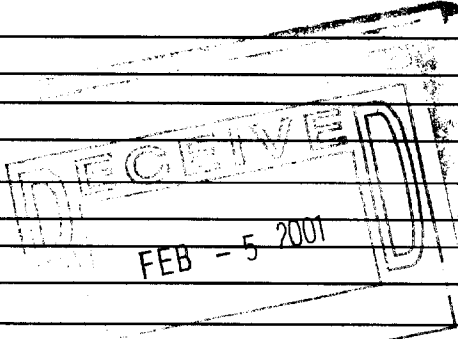
Enter additional Conveying Parties

Name (line 1)
Name (line 2)
Name (line 1)
Name (line 2)
Name (line 1)
Name (line 2)

Execution Date
Month Day Year

Execution Date
Month Day Year

Execution Date
Month Day Year



Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
Address (line 3) City State/Country Zip Code
Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
Address (line 3) City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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ASSIGNMENT
(Joint)

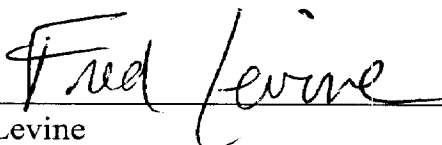
WHEREAS we, the undersigned, have made new and useful inventions and discoveries in

**SYSTEM AND METHOD FOR CONFIGURING, SEQUENCING AND VIEWING
JOINS IN A QUERY**

for which we have executed on even date herewith an application for Letters Patent of the United States, which application is further identified as Jones, Day, Reavis & Pogue Docket No. 343355600006.

WHEREAS, SAS Institute, Inc., a corporation of the State of North Carolina, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in and to said inventions and discoveries including the patent rights therefor.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we hereby assign and transfer unto assignee, its successors and assigns, all right, title, and interest, in the United States and throughout the world, in and to said inventions and discoveries and all patent applications, patents, patent rights, and inventor's certificates therefor, 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 thereof, all right to sue for past infringement thereunder, and all patents which may be granted for said inventions and discoveries by states or nations other than the United States and all applications therefor; we covenant and agree for ourselves and for our executors, administrators, and legal representatives that, at assignee's request, we will execute and deliver any applications, affidavits, assignments, and other instruments as may be deemed necessary or desirable to secure for or vest in assignee, its successors or assigns, all right, title, and interest in and to any application, patent, or other right or property covered by this assignment, including the right to apply for and obtain patents in foreign countries under the provisions of the International Convention; and we hereby request and authorize the United States Commissioner of Patents and Trademarks to issue any and all United States patent granted on any of said applications to assignee as owner of the entire right, title, and interest in and to 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 and to the same.



Fred Levine

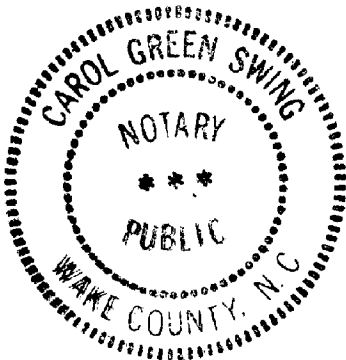
STATE OF NORTH CAROLINA

} ss.
}

COUNTY OF WAKE

The above named Fred Levine, known to me, appeared before me this 10th day of July 2000, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

(Notarial Seal)



Carol Green Swing
Notary Public *My commission expires May 17, 2004*

Steven Giles 18-July-2000
Steven Giles

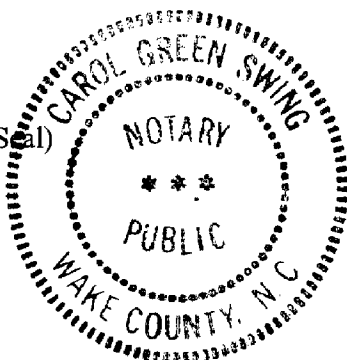
STATE OF NORTH CAROLINA

} ss.
}

COUNTY OF WAKE

The above named Steven Giles, known to me, appeared before me this 18th day of July 2000, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

(Notarial Seal)



Carol Green Swing
Notary Public *My commission expires 5/17/04*

John Forrest Boozar
John Forrest Boozar

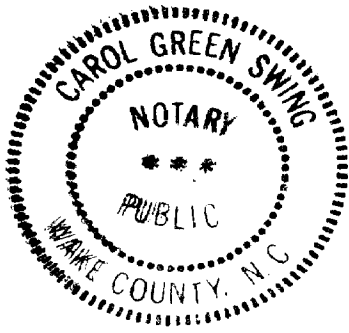
STATE OF NORTH CAROLINA

} ss.
}

COUNTY OF WAKE

The above named John Forrest Boozar, known to me, appeared before me this 10th day of July 2000, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

(Notarial Seal)



Carol Green Swing

Notary Public

My commission expires

May 17, 2004