

10-21-2005



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

10-19-05

1. Name of conveying party(ies)
Southwest Research Institute

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Southern Gas Association
Name: Gas Machinery Research Counsel

Internal Address: _____

3. Nature of conveyance/Execution Date(s):
Execution Date(s) October 6, 2005

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

Street Address: 3030 LBJ Freeway, Suite 1300,
LB 60

City: Dallas
State: Texas
Country: United States Zip: 75234

Additional 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)
10/083,232

B. Patent No.(s)

Additional numbers attached? Yes No

Stamp: OCT 19 PM 12:12
GR/FINANCE

5. Name and address to whom correspondence concerning document should be mailed:

Name: Peter V. Schroeder

Internal Address: _____

Street Address: Crutsinger & Booth, LLC
1601 Elm Street, Suite 1950

City: Dallas
State: Texas Zip: 75201-4744

Phone Number: 214-220-0444
Fax Number: 214-220-0445
Email Address: pschroeder@ipoftexas.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

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: October 14, 2005
Signature Date

40.00 V. Schroeder
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

10/20/2005 BYRNE 00000129 10003232
01 FC: 021

Documents 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. 22313-1450

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of
Robert J. McKee, et al.

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Serial No.: 10/083,232

Action: Assignment

Filed: February 26, 2002

Title: Method and Apparatus for Detecting the Occurrence of Surge in a Centrifugal Compressor

**TO: Commissioner of Patents
and Trademarks
Washington, DC 20231**

WHEREAS, SOUTHWEST RESEARCH INSTITUTE[®] (hereinafter referred to as “ASSIGNOR”), a nonprofit corporation organized and existing under the laws of the State of Texas, having its principal office at 6220 Culebra Road, San Antonio, Bexar County, Texas 78238-5166, is the owner by assignment from ROBERT J. McKEE and CARL E. EDLUND, of all their right, title and interest in a patent application for *METHOD AND APPARATUS FOR DETECTING THE OCCURRENCE OF SURGE IN A CENTRIFUGAL COMPRESSOR*, which has been executed by them on October 6, 2005; and

WHEREAS, SOUTHERN GAS ASSOCIATION GAS MACHINERY RESEARCH COUNSEL (hereinafter referred to as “ASSIGNEE”), of Dallas, Texas, having a place of business at 3030 LBJ Freeway, Suite 1300, LB 60, Dallas, Texas 75234, is desirous of obtaining ASSIGNOR’S right, title and interest in and to said patent application and the invention therein described and claimed and any Letters Patent that may be issued upon said patent application or for the invention therein contained.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, and other valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, its successors and assigns, its right, title and interest in and to said patent application

and the invention therein contained, including: (1) the right to apply for any Letters Patent in the United States and in all foreign countries on said invention; (2) the right to claim for such foreign applications the priority date of said United States patent application, including the right to priority under the International Convention of 1883 and any later modifications thereof; and (3) all rights in and to any Letters Patent that may issue thereon or therefor, in the United States or foreign countries, including all reissues, extensions, renewals, divisions and continuations, and continuations-in-part thereof.

ASSIGNOR requests that any and all such Letters Patent for said invention be issued to ASSIGNEE, its successors, assigns, and legal representatives, or to such nominees as it may designate.

ASSIGNOR agrees that it will, at any time upon request of ASSIGNEE, communicate to ASSIGNEE any facts known to it relating to the said invention and the history thereof, and will without cost or charge to ASSIGNOR, but at the expense of ASSIGNEE, execute all papers, including depositions, answers to interrogatories and other like documents and papers which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for said invention in any and all countries and for vesting title thereto in ASSIGNEE or its nominees, and further, ASSIGNOR agrees to use its best efforts to cause its employees and former employees to do likewise, if such is requested by ASSIGNEE.

ASSIGNOR further covenants with ASSIGNEE that the right and property herein conveyed are free and clear of any encumbrance, and that ASSIGNOR has the full right to convey the same as herein expressed.

IN WITNESS WHEREOF, I, Walter D. Downing, have hereunto set my hand and seal on behalf of said corporation this 6TH day of OCTOBER, 2005.

SOUTHWEST RESEARCH INSTITUTE

(seal)

By: Walter D. Downing
Walter D. Downing
Title: Executive Vice President

STATE OF TEXAS §
 §
COUNTY OF BEXAR §

On this 6th day of October 2005, before me, Shirley E. McDonald a Notary Public for the State of Texas, personally appeared Walter D. Downing, known to me and being duly sworn by me, did depose and say that he resides at 6119 Willowridge, San Antonio, Bexar County, Texas 78249-2462; that he is Executive Vice President of Southwest Research Institute, the corporation that executed the above-instrument; that he knows the seal of said corporation; that the seal affixed to said instrument was said corporate seal; that it was so affixed by authority of the Board of Directors of said corporation; and that he signed his name thereto by like authority.

GIVEN under my hand and seal of office this 6th day of October 2005.

Shirley E. McDonald
Notary Public, State of Texas

