

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Thomas B. Morrow</td> <td>09/23/2005</td> </tr> <tr> <td>Eric Kelner</td> <td>09/23/2005</td> </tr> <tr> <td>Thomas E. Owen</td> <td>09/23/2005</td> </tr> </tbody> </table>		Name	Execution Date	Thomas B. Morrow	09/23/2005	Eric Kelner	09/23/2005	Thomas E. Owen	09/23/2005
Name	Execution Date								
Thomas B. Morrow	09/23/2005								
Eric Kelner	09/23/2005								
Thomas E. Owen	09/23/2005								
RECEIVING PARTY DATA									
Name:	Southwest Research Institute								
Street Address:	6220 Culebra Road								
City:	San Antonio								
State/Country:	TEXAS								
Postal Code:	78238-5166								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11171977</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11171977				
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Application Number:	11171977								
CORRESPONDENCE DATA									
Fax Number:	(512)322-8383								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	512.322.2601								
Email:	apatent@bakerbotts.com								
Correspondent Name:	Baker Botts L.L.P.								
Address Line 1:	Ann C. Livingston (090936.0567)								
Address Line 2:	98 San Jacinto, Suite 1500								
Address Line 4:	Austin, TEXAS 78701-4039								
ATTORNEY DOCKET NUMBER:	090936.0567								
NAME OF SUBMITTER:	Alfonso E. Juarez								

CH \$40.00 11171977

Total Attachments: 4
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of
Thomas B. Morrow, et al.

Serial No.: 11/171,977

Filed: June 30, 2005

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Action: Assignment

Title: Gas Energy Meter for Inferential Determination of Thermophysical Properties of a Gas Mixture at Multiple States of the Gas

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

WHEREAS, we, THOMAS B. MORROW, a citizen the United States, residing at 8327 Chivalry Street, San Antonio, Bexar County, Texas, ERIC KELNER, a citizen of the United States, residing at 16855 Mossford, San Antonio, Bexar County, Texas, and THOMAS E. OWEN, a citizen of the United States, residing at 10914 Bar X Trail, Helotes, Bexar County, Texas, are joint inventors of new and useful improvements in *GAS ENERGY METER FOR INFERENTIAL DETERMINATION OF THERMOPHYSICAL PROPERTIES OF A GAS MIXTURE AT MULTIPLE STATES OF THE GAS* for which we have executed an application for Letters Patent which was filed on June 30, 2005;

WHEREAS, we represent that we are joint owners of said invention and application for Letters Patent; and,

WHEREAS, SOUTHWEST RESEARCH INSTITUTE[®], hereinafter called "ASSIGNEE," a Texas Corporation having its principal office at 6220 Culebra Road, San Antonio, Bexar County, Texas 78238-5166, is desirous of acquiring our right, title and interest in and to the said application and the invention therein described and claimed and any Letters Patent that may be issued upon said application or for the invention therein contained;

NOW, THEREFORE, for and in consideration of the sum of Sixty-Five Dollars (\$65.00), lawful money of the United States, and other valuable consideration, to each of us in hand paid, the receipt and sufficiency whereof we hereby acknowledge, we, the said THOMAS B. MORROW, ERIC KELNER, and THOMAS E. OWEN, hereinafter called "ASSIGNORS" have sold, assigned

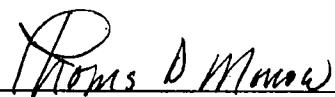
and transferred, and do hereby sell, assign and transfer unto the said ASSIGNEE, its successors and assigns, our entire right, title and interest in and to (a) said invention and worldwide rights therein, including the right to claim the priority date of said application and all other rights arising under the International Convention for the Protection of Industrial Property; (b) said application, including all divisions, continuations, continuations-in-part and substitutions thereof; and (c) all United States and foreign patents which shall issue on said invention, including all reissues, renewals, divisions and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file applications for Letters Patent on said invention in any and all foreign countries, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this Assignment and sale not been made.

We request 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.

We covenant and agree that we and our executors or administrators will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and perform all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention; (b) establish, maintain and secure title in said ASSIGNEE, its successors and assigns, to said invention, application and Letters Patent, including making such title of lawful public record; and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this Assignment.

ASSIGNORS further covenant with ASSIGNEE that the rights and property herein conveyed are free and clear of any encumbrances, and that ASSIGNORS have the full right to convey the same as herein expressed.

IN TESTIMONY WHEREOF, we have fully executed this Assignment this 23rd day of September, 2005.



Thomas B. Morrow

Eric Kelner

Eric Kelner

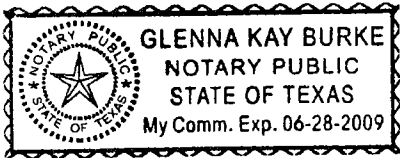
Thomas E. Owen

Thomas E. Owen

STATE OF TEXAS §
 §
COUNTY OF BEXAR §

BEFORE ME, the undersigned authority, on this day personally appeared THOMAS B. MORROW, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 29th day of August, 2005.

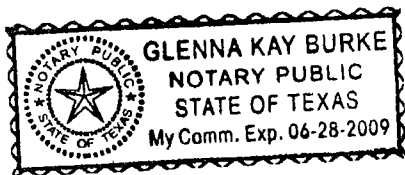


Glenna Kay Burke
Notary Public, State of Texas

STATE OF TEXAS §
 §
COUNTY OF BEXAR §

BEFORE ME, the undersigned authority, on this day personally appeared ERIC KELNER, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 23rd day of September, 2005.

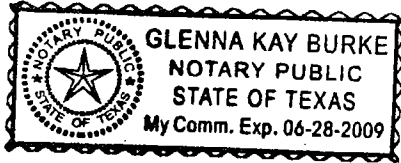



Glenna Kay Burke
Notary Public, State of Texas

STATE OF TEXAS §
 §
COUNTY OF BEXAR §

BEFORE ME, the undersigned authority, on this day personally appeared THOMAS E. OWEN, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 2nd day of September, 2005.




Notary Public, State of Texas