

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
James J. Moore	04/13/2011
Andrew H. Lerche	04/19/2011
Brian S. Moreland	04/27/2011
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	
Property Type	Number
Application Number:	12930751
CORRESPONDENCE DATA	
Fax Number:	(210)522-8365
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Email:	shirley.mcdonald@swri.org
Correspondent Name:	Shirley E. McDonald
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Address Line 4:	San Antonio, TEXAS 78238-5166
ATTORNEY DOCKET NUMBER:	3476
NAME OF SUBMITTER:	Shirley E. McDonald
Total Attachments: 4 source=3476 Assignment Document#page1.tif source=3476 Assignment Document#page2.tif source=3476 Assignment Document#page3.tif source=3476 Assignment Document#page4.tif	

OP \$40.00 12930751

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of	§	
James J. Moore, et al	§	
	§	
Serial No.: 12/930,751	§	Action: Assignment
	§	
Filed: January 14, 2011	§	

Title: Internally-Cooled Centrifugal Compressor with Cooling Jacket Formed in the Diaphragm

**TO: Commissioner of Patents
and Trademarks
Alexandria, VA 22313**

WHEREAS, we, JAMES J. MOORE, a citizen of the United States, residing at 2730 Falcon Way, Midlothian, Ellis County, Texas, ANDREW H. LERCHE, a citizen of the United States, residing at 9515 Fall Pass Street, San Antonio, Bexar County, Texas, and BRIAN S. MORELAND, a citizen of the United States, residing at ^{24206 Old Path BM} ~~8114 Shumard Oak~~, San Antonio, Bexar County, Texas, are joint inventors of new and useful improvements in *INTERNALLY-COOLED CENTRIFUGAL COMPRESSOR WITH COOLING JACKET FORMED IN THE DIAPHRAGM* for which we have executed an application for Letters Patent which was filed on January 14, 2011;

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, the receipt and sufficiency whereof we hereby acknowledge, we, the said JAMES J. MOORE, ANDREW H. LERCHE, and BRIAN S. MORELAND, 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

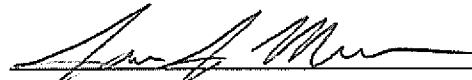
right, title and interest in and to (a) said invention and worldwide rights therein, including the right to claim the priority date of said application and all other rights arising under the International Convention for the Protection of Industrial Property; (b) said application, including all divisions, 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 duly executed this Assignment on the date indicated below.


James J. Moore

4-13-2011
Date

Andrew H. Lerche

Andrew H. Lerche

04-19-2011

Date

Brian S. Moreland

Brian S. Moreland

04-27-2011

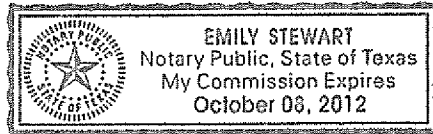
Date

STATE OF TEXAS :

COUNTY OF ELLIS :

BEFORE ME, the undersigned authority, on this day personally appeared JAMES J. MOORE, 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 13 day of April, 2011.



Emily Stewart

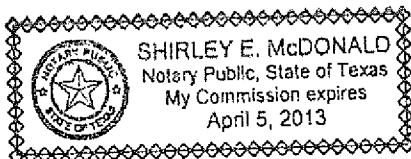
Notary Public, State of Texas

STATE OF TEXAS :

COUNTY OF BEXAR :

BEFORE ME, the undersigned authority, on this day personally appeared ANDREW H. LERCHE, 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 14th day of April, 2011.



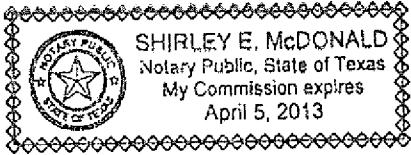
Shirley E. McDonald

Notary Public, State of Texas

STATE OF TEXAS :
 :
COUNTY OF BEXAR :

BEFORE ME, the undersigned authority, on this day personally appeared BRIAN S. MORELAND, 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 27th day of April, 2011.



Shirley E. McDonald
Notary Public, State of Texas