

09-08-2004



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ocket No.: TPL-11502/03

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Bret R. Hauser
David P. Branyon

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: **March 23, 2004**

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

Name: **Southwest Research Institute**

Internal Address:

Street Address: **6220 Culebra Road**

City: **San Antonio**

State: **TX**

ZIP: **78238**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/426,547

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Douglas L. Wathen (Reg. No. 41,369)**

Internal Address: **Suite 400**

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01 FC:8021

40.00 00

Street Address: **280 N. Old Woodward Avenue**

City: **Birmingham**

State: **MI**

ZIP: **48009**

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ **40.00**

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

07-1180

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9. 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.

Douglas L. Wathen

Name of Person Signing

Signature

September 1, 2004

Date

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PATENT
REEL: 015754 FRAME: 0982

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of	§	
Charles Russell Thomas, et al	§	
	§	
Serial No.: 10/426,547	§	Action: Assignment
	§	
Filed: April 29, 2003	§	

Title: Single-Ended Barrel Engine With Double-Ended, Double Roller Pistons

**TO: Commissioner of Patents
and Trademarks
Washington, D. C. 20231**

WHEREAS, we, Bret R. Hauser, a citizen of the United States, residing at 1837 Meyerwood Lane N., Flower Mound, Texas, and David P. Branyon, a citizen of the United States, residing at 9723 Braun Run, San Antonio, Texas, together with Charles Russell Thomas, are joint inventors of new and useful improvements in Single-Ended Barrel Engine With Double-Ended, Double Roller Pistons for which we have executed an application for Letters Patent which was filed on April 29, 2003; and 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, 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 us in hand paid, the receipt and sufficiency whereof we hereby acknowledge, we, the said Bret R. Hauser and David P. Branyon, 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.

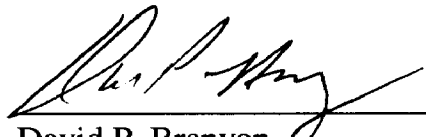
We request that any and all such Letters Patent for said invention be issued to ASSIGNEE, its successors, assigns and legal representatives, or to such nominees as it may designate.

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 to 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 and 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.

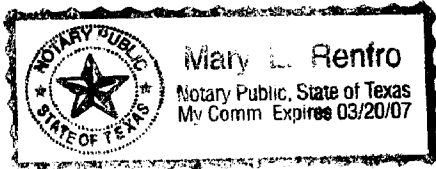
ASSIGNORS further covenant with ASSIGNEE that the rights and property herein conveyed are free and clear of any encumbrances, and that ASSIGNORS have the full right to convey the same as herein expressed.


IN TESTIMONY WHEREOF, we have fully executed this Assignment this 23rd day of March, 2004.


Bret R. Hauser


David P. Branyon

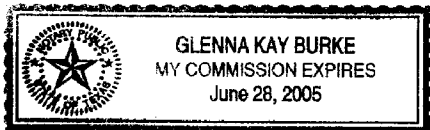
GIVEN under my hand and seal of office this 4th day of March, 2004.




Notary Public, State of Texas

STATE OF TEXAS §
COUNTY OF BEXAR §

GIVEN under my hand and seal of office this 23rd day of March, 2004.



Alanna Kay Burke
Notary Public, State of Texas