

01-14-2002

FORM PTO-1595  
1-31-92



HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101945734

To the Honorable Commissioner of Patents and Trademarks Attached original document or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Roger L. Schultz Robert K. Michael Clark E. Robison Paul D. Ringgenberg</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Halliburton Energy Services, Inc.</u> Internal Address: <u>Legal, Intellectual Property Department</u> Street Address: <u>P.O. Box 819052</u> City: <u>Dallas</u> State: <u>Texas</u> ZIP: <u>75381</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>September 20, 2001</u></p>	

4. Application number(s) or patent number(s): 09/912,262  
If this document is being filed together with a new application, the execution date of the application is:

<p>A. Patent Application No.(s)</p> <p><u>09/912,262</u></p>	<p>B. Patent No.(s)</p> <p><u>JAN - 4 2002</u></p>
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Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>William M. Imwalle</u> Internal Address: <u>Legal, Intellectual Property Department</u> <u>Halliburton Energy Services, Inc.</u> <u>Mail Code 1-B-121</u> Street Address: <u>P.O. Box 819052</u> City: <u>Dallas</u> State: <u>Texas</u> ZIP: <u>75381</u></p>	<p>6. Number of applications and patents involved: <u>1</u></p>
	<p>7. Total fee (37 CFR 3.41) ..... \$ <u>40.00</u></p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>08-0300</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>

DO NOT USE THIS SPACE

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.*

PAUL I. HERMAN  
Name of Person Signing

Signature

10/30/01  
Date

Total number of pages including cover sheet, attachments, and document: 6

01/14/2002 LNUELLER 00000127 080300 09912262

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PATENT  
REEL: 012445 FRAME: 0950

**ASSIGNMENT**

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by HALLIBURTON ENERGY SERVICES, INC., and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **Roger L. Schultz, Robert K. Michael, Clark E. Robison and Paul D. Ringgenberg**, having made an invention in an "**Vibration Based Power Generator**" while in the employ of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at 2601 Beltline Road, Carrollton, Texas, 75006, (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in a "**Vibration Based Power Generator**";
2. United States of America patent application on said invention, Attorney File No. **2000-IP-000069 U1 USA**, U.S. Serial No. **09/912,262**, filed **July 24, 2001** executed by us, entitled "**Vibration Based Power Generator**";
3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statues;
6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;
7. The right to ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

8. All international rights of priority associated with said invention, applications, patents and like protection; and we covenant that we, our heirs, legal representatives, assigns, administrators, and executors will at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at DALLAS County, Texas, on the 20th day of SEPTEMBER, 2001.

  
\_\_\_\_\_  
Roger L. Schultz

STATE OF Texas       §  
                                  §  
COUNTY OF Dallas   §

BEFORE ME, the undersigned authority, on this day personally appeared **Roger L. Schultz** 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 the 20<sup>th</sup> day of September, 2001.



  
\_\_\_\_\_  
Notary Public

[SEAL]

My Commission Expires:

EXECUTED at Dallas County, Texas, on the 20<sup>th</sup> day  
of September, 2001.

  
Robert K. Michael

STATE OF Texas §  
  §  
COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this day personally appeared **Robert K. Michael** 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 the 20<sup>th</sup>  
day of September, 2001.



  
Notary Public

[SEAL]

My Commission Expires:

EXECUTED at HARRIS County, Texas, on the 22<sup>nd</sup> day  
of OCTOBER, 2001.

Clark E. Robison  
Clark E. Robison

STATE OF Texas §  
  §  
COUNTY OF Harris §

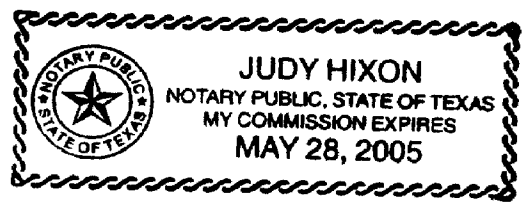
BEFORE ME, the undersigned authority, on this day personally appeared  
**Clark E. Robison** known to me to be the person whose name is subscribed to  
the foregoing instrument, and acknowledged to me that he executed the same  
for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 22<sup>nd</sup>  
day of October, 2001.

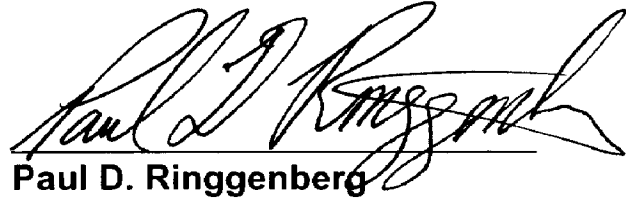
Judy Hixon  
Notary Public

[SEAL]

My Commission Expires:



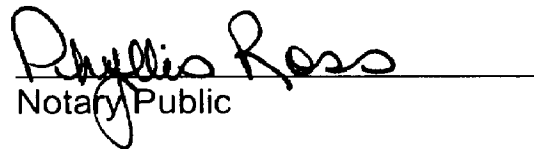
EXECUTED at HARRIS County, Texas, on the 23 day  
of OCTOBER, 2001.

  
Paul D. Ringgenberg

STATE OF Texas §  
  §  
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared **Paul D. Ringgenberg** 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 the 23rd  
day of October, 2001.

  
Notary Public

[SEAL]

My Commission Expires:

