

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>Michael L. Fripp</td> <td>09/07/2006</td> </tr> <tr> <td>Adam D. Wright</td> <td>09/21/2006</td> </tr> <tr> <td>John P. Rodgers</td> <td>09/18/2006</td> </tr> </tbody> </table>		Name	Execution Date	Michael L. Fripp	09/07/2006	Adam D. Wright	09/21/2006	John P. Rodgers	09/18/2006
Name	Execution Date								
Michael L. Fripp	09/07/2006								
Adam D. Wright	09/21/2006								
John P. Rodgers	09/18/2006								
RECEIVING PARTY DATA									
Name:	Halliburton Energy Services, Inc.								
Street Address:	10200 Bellaire Boulevard								
City:	Houston								
State/Country:	TEXAS								
Postal Code:	77072								
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>11459398</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11459398				
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Application Number:	11459398								
CORRESPONDENCE DATA									
Fax Number:	(972)418-3877								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	972-418-3892								
Email:	ruthine.liebman@halliburton.com								
Correspondent Name:	Halliburton Energy Services, Inc.								
Address Line 1:	2601 Beltline Road								
Address Line 2:	1-B-121								
Address Line 4:	Carrollton, TEXAS 75006								
ATTORNEY DOCKET NUMBER:	2006-IP-019940 U1								
NAME OF SUBMITTER:	Ruthine Liebman								

Total Attachments: 5
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ASSIGNMENT

Whereas, I, John P. Rodgers, of Denton County, Trophy Club, Texas, have invented THERMAL EXPANSION MATCHING FOR ACOUSTIC TELEMETRY SYSTEM for which I have made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application serial number 11/459,398 filed on July 24, 2006, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; subject to the grant of a perpetual, royalty-free, worldwide, nonexclusive license to use said invention in any field outside of the interests of HALLIBURTON ENERGY SERVICES, INC.; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

EXECUTED at Denton County, Texas, on the
18th day of September, 2006.



John P. Rodgers

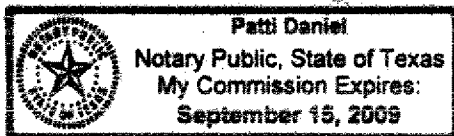
STATE OF TEXAS

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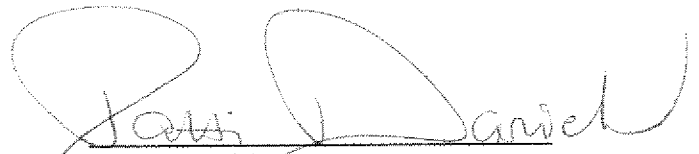
COUNTY OF Denton

BEFORE ME, the undersigned authority, on this day personally appeared **John P. Rodgers** 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 18th day
of September, 2006.



[SEAL]



Notary Public

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, **Michael L. Fripp and Adam D. Wright**, having made an invention in a **“Thermal Expansion Matching For Acoustic Telemetry System”** 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 10200 Bellaire Boulevard, Houston, Texas 77072, (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 **“Thermal Expansion Matching For Acoustic Telemetry System”**;

2. United States of America patent application on said invention, Attorney File No. **2006-IP-019940 U1 USA**, U.S. Serial No. **11/459,398**, filed **July 24, 2006** executed by us, entitled **“Thermal Expansion Matching For Acoustic Telemetry System”**;

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 statutes;

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.

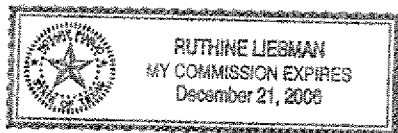
EXECUTED at Dallas County, Texas, on the 7 day of September, 2006.


Michael L. Fripp

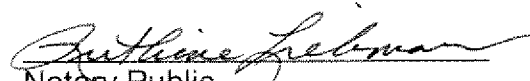
STATE OF TEXAS §
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COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared **Michael L. Fripp** 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 7th day of September, 2006.



[SEAL]


Notary Public

EXECUTED at Dallas County, Texas, on the 21st day of September, 2006.

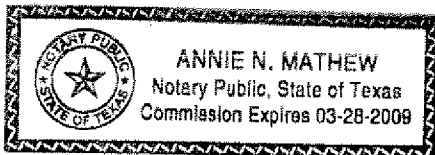


Adam D. Wright

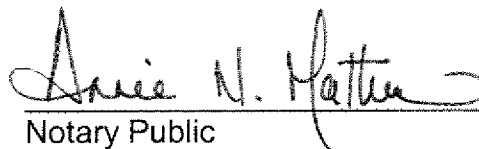
STATE OF TEXAS §
 §
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared **Adam D. Wright** 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 21st day of September, 2006.



[SEAL]



Notary Public