

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<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>Jacob Thomas</td> <td>11/06/2001</td> </tr> <tr> <td>Craig William Godfrey</td> <td>11/01/2001</td> </tr> <tr> <td>William Launey Vidrine</td> <td>11/20/2001</td> </tr> <tr> <td>Jerry Wayne Wauters</td> <td>11/20/2001</td> </tr> <tr> <td>Douglas Donald Seiler</td> <td>01/16/2002</td> </tr> </tbody> </table>		Name	Execution Date	Jacob Thomas	11/06/2001	Craig William Godfrey	11/01/2001	William Launey Vidrine	11/20/2001	Jerry Wayne Wauters	11/20/2001	Douglas Donald Seiler	01/16/2002
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Douglas Donald Seiler	01/16/2002												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	Halliburton Energy Services, Inc.												
<b>Street Address:</b>	2601 Beltline Road												
<b>City:</b>	Carrollton												
<b>State/Country:</b>	TEXAS												
<b>Postal Code:</b>	75006												
<b>PROPERTY NUMBERS Total: 1</b>													
<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>10929584</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10929584								
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Application Number:	10929584												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(214)747-2091												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	214-292-4034												
<b>Email:</b>	bradford@fr.com												
<b>Correspondent Name:</b>	Joshua A. Griswold, Fish & Richardson PC												
<b>Address Line 1:</b>	1717 Main Street, Suite 5000												
<b>Address Line 4:</b>	Dallas, TEXAS 75201												
<b>ATTORNEY DOCKET NUMBER:</b>	16689-002002												
<b>NAME OF SUBMITTER:</b>	Joshua A. Griswold												

CH \$40.00 10929584

**Total Attachments: 6**

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**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, **Jacob Thomas, Craig William Godfrey, and William Launey Vidrine, Jerry Wayne Wauters and Douglas Donald Seiler** having made an invention in an **"A System And Method For Real Time Reservoir Management"** 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 **"A System And Method For Real Time Reservoir Management"**;

2. United States of America patent application on said invention, Attorney File No. **970236 U1C1P1**, U.S. Serial No. **09/976,573**, filed **October 12, 2001** executed by us, entitled **"A System And Method For Real Time Reservoir Management"**;

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 Harris County, Texas, on the 6 day of November, 2001.

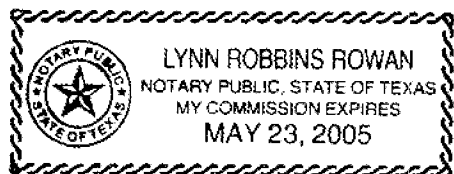


Jacob Thomas

STATE OF Texas §  
  §  
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared **Jacob Thomas** 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 6 day of November, 2001.



Lynn Robbins Rowan  
Notary Public

[SEAL]

My Commission Expires:

EXECUTED at Dallas County, Texas, on the 1<sup>st</sup> day of November, 2001.

  
\_\_\_\_\_  
**Craig William Godfrey**

STATE OF Texas       §  
                                  §  
COUNTY OF Dallas   §

BEFORE ME, the undersigned authority, on this day personally appeared **Craig William Godfrey** 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 1<sup>st</sup> day of November, 2001.



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

[SEAL]

My Commission Expires:

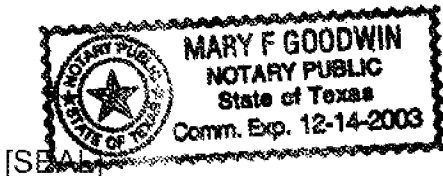
EXECUTED at Montgomery County, Texas, on the 20<sup>TH</sup> day  
of NOVEMBER, 2001.

William Launey Vidrine  
William Launey Vidrine

STATE OF Texas §  
COUNTY OF Montgomery §  
§  
§

BEFORE ME, the undersigned authority, on this day personally appeared **William Launey Vidrine** 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 November, 2001.



Mary F. Goodwin  
Notary Public

My Commission Expires: Dec. 14, 2003

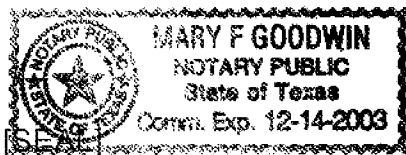
EXECUTED at MONTGOMERY County, Texas, on the 20<sup>th</sup> day  
of NOVEMBER, 2001.

Jerry Wayne Wauters  
Jerry Wayne Wauters

STATE OF Texas §  
COUNTY OF Montgomery §

BEFORE ME, the undersigned authority, on this day personally appeared **Jerry Wayne Wauters** 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 November, 2001.



Mary F. Goodwin  
Notary Public

My Commission Expires: Dec. 14, 2003

EXECUTED at Harris County, Texas, on the 16th day  
of January, 2001.

*gds*  
Douglas Donald Seiler

STATE OF Texas §  
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared **Douglas Donald Seiler** 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 16th  
day of January, 2001.

*Deborah A Hays*  
Notary Public

[SEAL]

My Commission Expires:  
11-28-2003

