

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Harry D. SMITH JR.</td> <td>10/24/2005</td> </tr> <tr> <td>John A. QUIREIN</td> <td>01/19/2006</td> </tr> <tr> <td>Jeffery L. GRABLE</td> <td>01/16/2006</td> </tr> <tr> <td>Dingding CHEN</td> <td>10/24/2005</td> </tr> </tbody> </table>		Name	Execution Date	Harry D. SMITH JR.	10/24/2005	John A. QUIREIN	01/19/2006	Jeffery L. GRABLE	01/16/2006	Dingding CHEN	10/24/2005
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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>11270284</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11270284						
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Application Number:	11270284										
CORRESPONDENCE DATA											
Fax Number:	(713)238-8008										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	7132388000										
Email:	dkrueger@conleyrose.com										
Correspondent Name:	Daniel J. Krueger										
Address Line 1:	P. O. Box 3267										
Address Line 4:	Houston, TEXAS 77253-3267										
ATTORNEY DOCKET NUMBER:	1391-62100										
NAME OF SUBMITTER:	Daniel J. Krueger										
Total Attachments: 5 source=ASSIGNMENT#page1.tif											

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ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by HALLIBURTON ENERGY SERVICES, INC., and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Harry D. SMITH, JR., John A. QUIREIN, Jeffery L. GRABLE, and Dingding CHEN, ("ASSIGNORS"), having made an invention in WELL LOGGING WITH REDUCED USAGE OF RADIOISOTOPIC SOURCES, while in the employ either as an employee or consultant of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at Houston, Texas (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the entire right, title and interest throughout the world in and to:

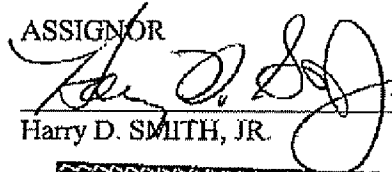
1. Said invention in WELL LOGGING WITH REDUCED USAGE OF RADIOISOTOPIC SOURCES;
2. United States of America patent application on said invention, filed concurrently herewith or as U.S. Patent Application No. _____ filed _____ 2005 (Attorney's File No. 1391-62100; attorney is authorized to fill in the application number and filing date after assignment by the U.S. Patent and Trademark Office), entitled WELL LOGGING WITH REDUCED USAGE OF RADIOISOTOPIC SOURCES;
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, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, 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 limitation, those obtained or permissible under past, present and future laws and statutes;

- 6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
- 7. The right in 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;

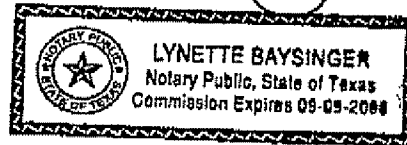
and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED in Houston, Texas on the date indicated below, opposite my signature.

Date: October 24, 2005

ASSIGNOR

 Harry D. SMITH, JR.

THE STATE OF Texas §
 COUNTY OF Harris §

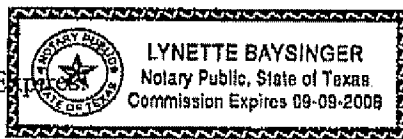


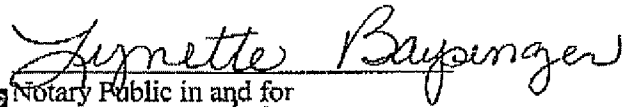
BEFORE ME, the undersigned authority, on this day personally appeared Harry D. SMITH, JR., known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 24th day of October, 2005.

[S E A L]

My Commission Expires




 Notary Public in and for
 the State of Texas

EXECUTED in _____, Texas on the date indicated below, opposite my signature.

ASSIGNOR

Date: _____

John A. QUIREIN

THE STATE OF _____ §

COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this day personally appeared John A. QUIREIN, 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 _____ day of _____, 2005.

[SEAL]

Notary Public in and for
the State of _____

My Commission Expires:

EXECUTED in _____, Texas on the date indicated below, opposite my signature.

ASSIGNOR

Date: _____

Jeffery L. Grable
Jeffery L. GRABLE

THE STATE OF Texas §

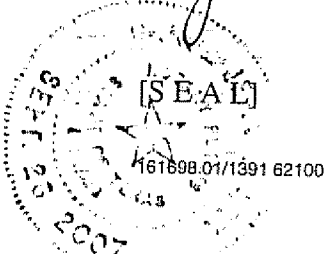
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared Jeffery L. GRABLE, 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, 2006

[SEAL]

Carol Jean Clark
Notary Public in and for
the State of Texas



PATENT

REEL: 017234 FRAME: 0693

