

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
W. Mark Richard	04/05/2005
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	
Property Type	Number
Application Number:	11048476
CORRESPONDENCE DATA	
Fax Number:	(972)418-3877
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	972-418-3882
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
NAME OF SUBMITTER:	Ruthine Liebman
Total Attachments: 2 source=2003-IP-011764 U2 US#page1.tif source=2003-IP-011764 U2 US#page2.tif	

CH \$40.00 11048476

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, I, **W. Mark Richards**, having made an invention in a **"Positioning Tool With Valved Fluid Diversion Path"** 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, my entire right, title and interest throughout the world in and to:

1. Said invention in a **"Positioning Tool With Valved Fluid Diversion Path"**;
2. United States of America patent application on said invention, Attorney File No. **2003-IP-011764 U2 USA**, U.S. Serial No. **11/048,476**, filed **February 1, 2005**, entitled **"Positioning Tool With Valved Fluid Diversion Path"**;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my 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 me or my 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 5 day of April, 2005.

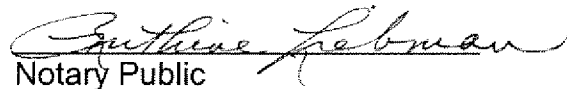

W. Mark Richards

STATE OF TEXAS §
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared **W. Mark Richards** 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 5th day of April, 2005.

[SEAL]  RUTHINE LIEBMAN
MY COMMISSION EXPIRES
December 21, 2006


Notary Public

My Commission Expires: 12-21-2006