	05-18-20	001			
7-YORM PTO-1595 1-31-92			HEET U.S. I	DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissic	To the Honorable Commissic 1017218		.ttached original document or copy thereof.		
Name of conveying party(ies):		2. Name and	address of receiving party(ies):		
Neal G. Skinner  Additional namc(s) of conveying party(ies) attached? □ Yes ☒ No		Name:Halliburton Energy Services, Inc.  Internal Address:Legal, Intellectual Property Department  Street Address:P.O. Box 819052			
3. Nature of conveyance:		City: <u>Dalla</u>	s State: <u>Texas</u>	ZIP: <u>75381</u>	
Assignment □ Merger		Additional na	me(s) & address(es) attached? [	□ Yes ⊠ No	
☐ Security Agreement ☐ Change of Name ☐ Other  Execution Date: May 8, 2001					
4. Application number(s) or patent number(s): 09/572,768  If this document is being filed together with a new application, the execution date of the application is:					
A. Patent Application No.(s)		B. Patent No.(	5)		
09/572,768					
		nbers attached?			
5. Name and address of party to whom correspond document should be mailed:  Name:William M. Imwalle  Internal Address:Legal, Intellectual Property Definition Energy Services, Inc.  Mail Code 1-B-121		o. Ivalileer of t	applications and patents involve	<u> </u>	
Street Address:         P.O. Box 819052           City:         Dallas           State:         Texas           ZIP:         75381		7. Total fee (3	7 CFR 3.41)	\$ <u>40.00</u>	
		□Е	nclosed		
1		8. Deposit acc 08-0300	Authorized to be charged to depoint number:  cate copy of this page if paying		
	DO NOT USE		sop, or ano page it paying	o, deposit decounty	
9. Statement and signature.  To the best of my knowledge and belief, to document.		AND A	vect and any attached copy is a $5/8/v$	true copy of the original	
PAUL I. HERMAN Name of Person Signing	Signature		Date		
	To	otal number of pa	ges including cover sheet, attac	chments, and document: 3	

PATENT REEL: 011799 FRAME: 0157

## **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, NEAL G. SKINNER, having made an invention in an "APPARATUS AND METHOD FOR ACCOUSTIC SIGNALING IN SUBTERRANEAN WELLS" 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, my entire right, title and interest throughout the world in and to:

- 1. Said invention in a "APPARATUS AND METHOD FOR ACCOUSTIC SIGNALING IN SUBTERRANEAN WELLS";
- 2. United States of America patent application on said invention, Attorney File No. 990197 U1 USA, U.S. Serial No. 09/572,768, filed May 17, 2000, entitled "APPARATUS AND METHOD FOR ACCOUSTIC SIGNALING IN SUBTERRANEAN WELLS";
- 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-inpart, 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;

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PATENT REEL: 011799 FRAME: 0158 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	82	_ day
of _		, 20				

Neal G. Skinner

STATE OF	Texas	8
COUNTY OF	Dollar	8

BEFORE ME, the undersigned authority, on this day personally appeared **Neal G. Skinner** 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 87 day of 7na, 2001.



RECORDED: 05/14/2001

Notary Public

[SEAL]

My Commission Expires: