FORM PTO-1619A	04-12-2000	U.S. Department of Commerce
Expires 06/30/99 OMB 0651-0027		Patent and Trademark Office
	101318320	
	PATENTS ONL	Υ []]]
TO: The Commissioner of Patents an Submission Type	nd Trademarks: Please record the at Conveyance Type	ttached original document(s) or copy(ies).
X New	X Assignment	Security Agreement
Resubmission (Non-Recordatio	n) License	Change of Name
Document ID#		
Reel # Frame #	Merger	U.S. Government
Corrective Document Reel # Frame #		ONLY by U.S. Government Agencies) artmental File Secret File
Conveying Party(ies)	Mark if additional n	names of conveying parties attached Execution Date
Name (line 1) Jim B. Surjaatm	adja	Month Day Year 03 09 00
Name (line 2)	988 West - P. 1977	
Second Party		Execution Date Month Day Year
Name (line 2)		
Receiving Party		rk if additional names of receiving parties attached
Name (line 1) Halliburton Er	ergy Services, Inc.	is an assignment and the record is an assignment and the record is an assignment and the receiving party is not
Name (line 2)		domiciled in the United States, an appointment
Address (line 1) 10200 Bellaire	Roulevard	of a domestic representative is attached (Designation must be a
Address (line 2)	······································	separate document from Assignment.)
Address (line 3) Houston	Texas/U.S.	77072
Domestic Representative Na	State/Country	Zip Code
-	Enter for	r the first Receiving Party only.
Name		
Address (line 1)		
Address (line 2)		
Address (line 3)		
Address (line 4)		
L	FOR OFFICE USE ONLY	
2/2000 TTON11 00000063 080300 09522		
C:581 40.00 CH		
gathering the data needed to complete the Cover Sheet. D.C. 20231 and to the Office of Information and Regulation Information Collection Bludget Package 0651-0027, Pate Mail documents	Send comments regarding this burden estimate to the ry Affairs, Office of Management and Budget, Paperwor	Cover Sheet to be recorded, including time for reviewing the document a U.S. Patent and Trademark Office, Chief Information Officer, Washington & Reduction Project (0651-0027), Washington, D.C. 20503. See OMB D REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRES heet(s) information to: Patents, Washington, D.C. 20231
1		REEL: 010671 FRAME: 0855

FORM PTO Expires 06/30/99 OMB 0651-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Corresponde	ent Name and Address	Area Code and Telephone Number	580-251-3125
Name	Robert A. Kent		
Address (line 1)	Halliburton Energy Serv	rices	
Address (line 2)	P.O. Box 141		
Address (line 3)	Duncan, OK 73536-0440		· · · · · · · · · · · · · · · · · · ·
Address (line 4)			
Pages	Enter the total number of page including any attachments.	es of the attached conveyance docur	nent # 6
Enter either the Pate If this document is signed by the firs Patent Coop Ente	ent Application Number(s)	ent Number (DO NOT ENTER BOTH numbers Paten Paten Application, enter the date the patent applicati PCT	Image: Number(s) Image: Second s
	not been assigned.	PCT PCT	
	Enter the total	number of properties involved.	t One
Deposit	of Payment: Enclose Account payment by deposit account or if additio Dep	onal fees can be charged to the account.)	\$ <u>40.00</u> # <u>08-0300</u> Yes X No
To the attache	nd Signature best of my knowledge and belie of copy is a true copy of the orig ed herein.	ef, the foregoing information is true a ginal document. Charges to deposit	and correct and any account are authorized, as
Robert	A. Kent of Person Signing	Signature	<u>March 10, 2000</u> Date

I

PATENT REEL: 010671 FRAME: 0856

FORM PTO- Expires 06/30/99 OMB 0651-0027	RECORDATION FORM COVER SHEET1619CCONTINUATIONPATENTS ONLY	J.S. Department of Commerce Patent and Trademark Office PATENT
Conveying F	Party(ies) Mark if additional names of conveying parties attached	35
Enter additional	Conveying Parties	Execution Day
Name (line 1)	Steven R. Gründmann	03 99 99
Name (line 2)		Execution Date Month Day Year
Name (line 1)		
Name (line 2)		Execution Date
Name (line 1)		Month Day Year
Name (line 2)]
Receiving P	arty(ies) Mark if additional names of receiving part	es attached
-	Receiving Party(ies)	
Name (line 1)		If document to be recorded is an assignment and the
Name (line 2)		 receiving party is not domiciled in the United States, an appointment
Address (line 1)		of a domestic representative is attached. (Designation
		must be a separate document from
Address (line 2)		Assignment.)
Address (line 3	City State/Country Zip Co	de
Name (line 1		If document to be recorded
Name (line 2	、[is an assignment and the receiving party is not dominized in the United
		domiciled in the United States, an appointment of a
Address (line 1		domestic representative is attached. (Designation must
Address (line 2)		be a separate document from Assignment.)
		g
Address (line 3)		Code
Application	Number(s) or Patent Number(s) Mark if additional numbers attached	
	he Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the s	ame property).
FF	atent Application Number(s) Patent Num	ber(s)
	┑ ┎─────┐ ┌─────┐ │ ╷─────┐ ┌─────	
L		
l		

Ľ

PATENT REEL: 010671 FRAME: 0857

ASSIGNMENT

Whereas, I/We, Jim B. Surjaatmadja, of Stephens County, Duncan, Oklahoma; Gary T. Keene, of Stephens County, Duncan, Oklahoma, and Steven R. Grundmann, of Stephens County, Duncan, Oklahoma, have invented **METHOD AND APPARATUS FOR LATERAL CASING WINDOW CUTTING USING HYDRAJETTING** for which I have made application for Letters Patent of the United States; and

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

NOW, THEREFORE, in consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, 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 first executed on <u>March 9, 2000</u>,

submitted concurrently herewith, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; 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.

Ĩ

Executed this _	<u>971 .</u>	day of March, 2000, at Duncan, Stephens County, Oklahoma U.S.A.	
		Aquingan)_	
		Signature	-

)) ss) State of Oklahoma County of Stephens

Before me personally appeared said Jim B. Surjaatmadja and acknowledged the foregoing instrument to be his free act and deed this $\underline{\mathcal{II}}$ day of $\underline{\mathcal{II}}$ day of $\underline{\mathcal{II}}$, 2000.

Seal

(Notary Public)

Executed this <u> $q_{i}h_{day}$ </u> day of March, 2000, at Duncan, Stephens County, Oklahoma Xary Theer-U.S.A.

State of Oklahoma)) ss

County of Stephens

Before me personally appeared said Gary T. Keene and acknowledged the foregoing instrument to be his free act and deed this $\underline{-\partial f^{h}}$ day of March, 2000.

Seal

Atucka D. Milla (Notary Public)

Executed this <u>44h</u> day of March, 2000, at Duncan, Stephens County, Oklahoma U.S.A.

Signature

State of Oklahoma

County of Stephens

) ss)

Before me personally appeared said Steven R. Grundmann and acknowledged the foregoing instrument to be his free act and deed this $\frac{\gamma \neq \lambda}{2}$ day of March, 2000.

Seal

<u>Atura Dichlar</u> (Notary Public)