FORM PTO-1595 I 08 - 2	9-2002 T U.S. DEPARTMENT OF COMME Patent and Trademark C		
To the Honorable Commissioner of 102:	204378 1 original document or copy thereof.		
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):		
Ronald W. McGregor Robert Crow David Hejl Ronald A. Gibson Additional name(s) of conveying party(ies) attached? □ Yes ☒ No	Name: <u>Halliburton Energy Services, Inc.</u> Internal Address: <u>Legal, Intellectual Property Department</u> Street Address: <u>P.O. Box 819052</u>		
3. Nature of conveyance:	City: Dallas State: Texas ZIP: 75381		
Assignment □ Merger	Additional name(s) & address(es) attached? ☐ Yes ☒ No		
☐ Security Agreement ☐ Change of Name ☐ Other  Execution Date:			
4. Application number(s) or patent number(s): 10/160,216  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.(s)		
10/160,216	0		
	numbers attached? ☐ Yes ☒ No ☒ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐		
Name and address of party to whom correspondence concerning document should be mailed:  Name:William M. Imwalle  Internal Address:Legal, Intellectual Property Department Halliburton Energy Services, Inc.  Mail Code 1-B-121	6. Number of applications and patents involved. ESECTION  SECTION  SECTION		
Street Address: P.O. Box 819052	7. Total fee (37 CFR 3.41)		
City:Dallas State:Texas _ ZIP: _75381	☐ Enclosed		
	Authorized to be charged to deposit account		
	8. Deposit account number: 08-0300		
	(Attach duplicate copy of this page if paying by deposit account)		
DO NOT U	JSE THIS SPACE		
9. Statement and signature.  To the best of my knowledge and belief, the foregoing inform document.	ation is true and correct and any attached copy is a true copy of the origin		
PAUL I. HERMAN	8/19/02		
Name of Person Signing Signature	Date		
/20 <b>0</b> 2 LMUELLER 00000079 080300 10160216 /			

PATENT REEL: 013220 FRAME: 0902

## **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, Ronald W. McGregor, Robert Crow, David Hejl and Ronald A. Gibson having made an invention in an "APPARATUS AND METHOD FOR GRAVEL PACKING AN INTERVAL OF A WELLBORE" 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 "APPARATUS AND METHOD FOR GRAVEL PACKING AN INTERVAL OF A WELLBORE";
- 2. United States of America patent application on said invention, Attorney File No. 2001-IP-005486 U1 USA, U.S. Serial No. 10/160,216, filed May 31, 2002 executed by us, entitled "APPARATUS AND METHOD FOR GRAVEL PACKING AN INTERVAL OF A WELLBORE":
- 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-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;

PATENT REEL: 013220 FRAME: 0903

- 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 _	DAUAS	_ County,	Texas, on the	1500	_ day
of _	JULY	, 200	02.			

Ronald W. McGregor

STATE OF TEXAS S
COUNTY OF DALLAS S

BEFORE ME, the undersigned authority, on this day personally appeared **Ronald W. McGregor** 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 15th day of July , 2002.

ANNIE N. MATHEW
Notary Public, State of Texas
Commission Expires 03-28-2005

Notary Public

[SEAL]

My Commission Expires: 3 - 28 - 2005

	EXECUTED at	Dauas	County, Texas, o	on the	15th	da
of	7014	, 200	2.	_		,

Kopert W. Crow Robert Crow

STATE OF TEXAS S
COUNTY OF DALLAS

BEFORE ME, the undersigned authority, on this day personally appeared **Robert Crow** 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 July , 2002.



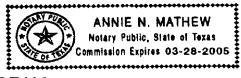
My Commission Expires: 3-28-2005

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exe of <u>Ju</u>	CUTED at	as ( , 2002.	County, Texas	s, on the _	16 +4	_ day
			 David H	n Dy Hejl		
STATE OF		_ <b>_</b>				

BEFORE ME, the undersigned authority, on this day personally appeared **David Hejl** 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 \_\_\_\_\_\_\_, 2002.



Commission Expires 03-28-2005 Notary Pub

[SEAL]

My Commission Expires: 3-28-2005

EXECUTED at _	+ ' ^	County, 002.	Oklahon <del>Texas</del> ,	Λα on	the	)2+h	day	of

STATE OF <u>Oklahoma</u> §

COUNTY OF <u>Stephens</u> §

BEFORE ME, the undersigned authority, on this day personally appeared Ronald A. Gibson 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 \_\_\_\_\_\_\_\_\_, 2002.

Notary Public - State of Oklahoma Stephens County

Notary Public

My Commission Expires: Mench 3, 2003

**RECORDED: 08/27/2002**