

08-25-2000



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To the Honorable Commissioner of Pa

original document or copy thereof.

1. Name of conveying party(ies)
 Kevin Alan Gillingham
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
 Name: Halliburton Energy Services, Inc.
 Internal Address: Legal, Intellectual Property Department
 Street Address: P.O. Box 819052
 City: Dallas State: Texas ZIP: 75381
 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
 Execution Date: July 17, 2000

4. Application number(s) or patent number(s): 09/589,954
 If this document is being filed together with a new application, the execution date of the application is _____
 A. Patent Application No.(s)
09/589,954
 B. Patent No.(s)

 Additional numbers attached? Yes No

5. 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
 Street Address: P.O. Box 819052
 City: Dallas State: Texas ZIP: 75381

6. Number of applications and patents involved: 1
 7. Total fee (37 CFR 3.41) \$ 40.00
 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)

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DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

PAUL I. HERMAN
 Name of Person Signing

Signature

7/20/00
 Date

Total number of pages including cover sheet, attachments, and document: 3

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, **Kevin Alan Gillingham** having made an invention in an **"A PERFORATING CHARGE CARRIER AND METHOD OF ASSEMBLY FOR SAME"** 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 **"A PERFORATING CHARGE CARRIER AND METHOD OF ASSEMBLY FOR SAME"**;

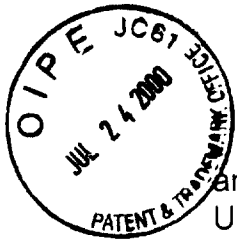
2. United States of America patent application on said invention, Attorney File No. **2000-IP-000602** U.S. Serial No. **09/589,954**, filed **June 8, 2000** executed by us, entitled **"A PERFORATING CHARGE CARRIER AND METHOD OF ASSEMBLY FOR SAME"**;

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-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;

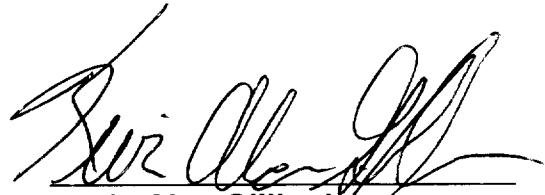
6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;



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.

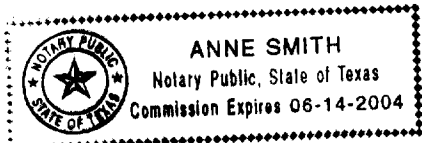
EXECUTED at JOHNSON County, Texas, on the 17TH day of JULY, 2000.


Kevin Alan Gillingham

STATE OF TEXAS §
 §
COUNTY OF JOHNSON §

BEFORE ME, the undersigned authority, on this day personally appeared **Kevin Alan Gillingham** 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 17TH day of JULY, 2000.




Notary Public

[SEAL]

My Commission Expires: 06-14-2004