

09/16/04

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Docket No.:

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P08/REV03

ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



Tab settings

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Lawrence C. Rose

2. Name and address of receiving party(ies):

Name: **Halliburton Energy Services, Inc.**

Internal Address:

Street Address: **3000 North Sam Houston Parkway East**

City: **Houston** State: **TX** ZIP: **77032**

Additional name(s) & address(es) attached? Yes No

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: **09/16/04**

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: **09/16/04**

A. Patent Application No.(s)

B. Patent No.(s)

10/942700

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Loren G. Helmreich**

Internal Address: **Browning Bushman P.C.**

Street Address: **5718 Westheimer, Suite 1800**

City: **Houston** State: **TX** ZIP: **77057**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

02-4345

(Attach duplicate copy of this page if paying by deposit account)

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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.

Loren G. Helmreich

Name of Person Signing

Signature

September 16, 2004

Date

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

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

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PATENT
REEL: 015807 FRAME: 0198

FROM

(THU) SEP 9 2004 12:28/ST. 12:25/NO. 6329645211 P 7

Attorney Docket No.: HALLIBURTON-141

ASSIGNMENT

WHEREAS, I, LAWRENCE C. ROSE, a citizen of the United States of America, have made an invention entitled a MULTIPLE IMPACT JAR ASSEMBLY AND METHOD for which I have executed a U.S. Patent Application;

WHEREAS, Halliburton Energy Services, Inc., a Delaware Corporation, hereinafter referred to as "ASSIGNEE," of 3000 North Sam Houston Parkway East, Houston, Texas 77032, is desirous of acquiring the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by me, I have assigned, sold, transferred and set over and by these presents do assign, sell, transfer and set over unto said ASSIGNEE the entire right, title and interest in and to (a) said invention and world-wide rights therein, (b) said application, including all divisions, continuations, continuations-in-part and substitutions thereof, and (c) all United States and foreign patents which shall issue on said inventions, including all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file applications for Letters Patent on said invention in any and all foreign countries, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by me, had this assignment and sale not been made.

I covenant and agree that I will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention, (b) establish, maintain and secure title in said ASSIGNEE, its successors and assigns, to said invention, application and Letters Patent, including making such title of lawful public record, and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment.

I hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent based on said application and all said divisions, continuations, continuations-in-part, reissues, renewals and extension to said ASSIGNEE, its successors and assigns.

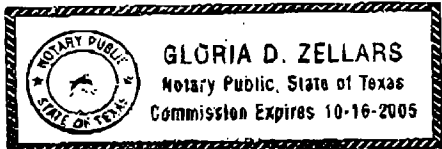
Accordingly, I have executed this assignment this 16th day of September, 2004.

Lawrence C. Rose

Lawrence C. Rose

STATE OF TEXAS
COUNTY OF HARRIS

BEFORE, me the undersigned authority, on this day personally appeared LAWRENCE C. ROSE, 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 16th day of September, 2004.



Gloria D. Zellars

Notary Public in and for the State of Texas