



101570455



12/4/00

RECORDATION FORM COVER SHEET  
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
Reel #  Frame #

Corrective Document  
Reel #  Frame #

Conveyance Type

Assignment  Security Agreement

License  Change of Name

Merger  Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Second Party

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

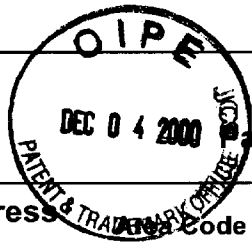
Address (line 4)

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Mail documents to be recorded with required cover sheet(s) information to:  
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**Correspondent Name and Address**  **Address Code and Telephone Number**

**Name**

**Address (line 1)**

**Address (line 2)**

**Address (line 3)**

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**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)**  Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

**Patent Cooperation Treaty (PCT)**  
Enter PCT application number  PCT  PCT   
only if a U.S. Application Number  PCT  PCT   
has not been assigned.

**Number of Properties** Enter the total number of properties involved. #

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$

**Method of Payment:** Enclosed  Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**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. Charges to deposit account are authorized, as indicated herein.*

Robert A. Kent

11/27/2000

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY



Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) James R. Birchak

11 10 00

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Paul F. Rodney

11 10 00

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Neal G. Skinner

11 20 00

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

Grid for Patent Application Number(s) with 5 rows and 3 columns of input boxes.

Grid for Patent Number(s) with 5 rows and 3 columns of input boxes.

**ASSIGNMENT**

Whereas, I/We, Steven G. Streich, of Stephen County, Duncan, Oklahoma; James C. Tucker of Carter County, Springer, Oklahoma; James R. Birchak of Harris County, Spring, Texas; Paul F. Rodney, of Harris County, Spring, Texas and Neal G. Skinner of Denton County, Lewisville, Texas have invented **APPARATUS AND METHOD FOR REMOVING A FRANGIBLE RUPTURE DISC OR OTHER FRANGIBLE DEVICE FROM A WELLBORE CASEING** for which I have made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire 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, 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 serial number 09/628,535 filed on July 31, 2000, 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.



Executed this TENTH day of November, 2000, at HARRIS County, Texas,

U.S.A.

James R. Birchak

James R. Birchak

State of Texas )  
County of Harris ) ss

Before me personally appeared said James R. Birchak and acknowledged the foregoing instrument to be his free act and deed this 10th day of November, 2000.

Seal

Jennifer Cantu  
(Notary Public)



Executed this 10th day of November, 2000, at Harris County, Texas,

U.S.A.

Paul F. Rodney

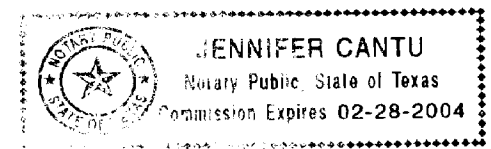
Paul F. Rodney

State of Texas )  
County of Harris ) ss

Before me personally appeared said Paul F. Rodney and acknowledged the foregoing instrument to be his free act and deed this 10th day of November, 2000.

Seal

Jennifer Cantu  
(Notary Public)



Executed this 20<sup>th</sup> day of November, 2000, at Duncan, Stephens County, Oklahoma U.S.A.

Neal G. Skinner  
Neal G. Skinner

State of Texas )  
County of Dallas ) ss

Before me personally appeared said Neal G. Skinner and acknowledged the foregoing instrument to be his free act and deed this 20<sup>th</sup> day of November, 2000.

Seal

Annie N. Mathew  
(Notary Public)

