To the Honorable Commissioner of Patents

1. Name of conveying party(ies):

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

3. Nature of conveyance:
☑ Assignment □ Merger
□ Security Agreement □ Change of Name
□ Other

Execution Date: October 1999

4. Application number(s) or registration numbers(s):
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
09/378,023

B. Patent No.(s)

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
Street Address: 5718 Westheimer, Suite 1800

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

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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
Signature June 19, 2001

Name of Person Signing

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

PATENT

REEL: 011926 FRAME: 0734
ASSIGNMENT

WHEREAS, we, Chen-Kang D. Chen, a citizen of the Republic of China, residing in Houston, Harris County, Texas; Thomas C. Gaynor, a citizen of the United Kingdom, residing in Aberdeen, Scotland, United Kingdom; Daniel D. Gleitman, a citizen of the United States, residing in Houston, Harris County, Texas; John R. Hardin, Jr., a citizen of the United States, residing in Houston, Harris County, Texas; Colin Walker, a citizen of the United Kingdom, residing in Conchez-de-Bearn, France; M. Vikram Rao, a citizen of the United States residing in Houston, Harris County, Texas; and Roger Boulton, a citizen of United Kingdom, residing in Mossel Bay, South Africa, have made an invention in a IMPROVED STEerable DRILLING SYSTEM AND METHOD for which we executed an application for United States Letters Patent on the 11th day of October, 1999; the 25th day of October, 1999; the 11th day of October, 1999; the 12th day of October, 1999; and the 21st day of October, 1999, respectively;

WHEREAS we represent and warrant that we are the sole owners of said invention and applications for Letters Patent;

WHEREAS, Halliburton Energy Services, Inc., a corporation of the State of Delaware, hereinafter referred to as "ASSIGNEE," 4100 Clinton Drive, Houston, Texas 77020-6299, 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 us, we 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 us, had this assignment and sale not been made.

Each of us covenant and agree that he 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.

We 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.

IN TESTIMONY WHEREOF, I have duly executed this assignment as set forth below:

Date: Oct. 11, 1999

Chen-Kang D. Chen

Date: ______________________

Thomas C. Gaynor
ASSIGNMENT

WHEREAS, we, Chen-Kang D. Chen, a citizen of the Republic of China, residing in Houston, Harris County, Texas; Thomas G. Gaynor, a citizen of the United Kingdom, residing in Aberdeen, Scotland, United Kingdom; Daniel D. Gleitman, a citizen of the United States, residing in Houston, Harris County, Texas; John R. Hardin, Jr., a citizen of the United States, residing in Houston, Harris County, Texas; Colin Walker, a citizen of the United Kingdom, residing in Conches-de-Bearn, France; M. Vikram Rao, a citizen of the United States residing in Houston, Harris County, Texas; and Roger Boulton, a citizen of United Kingdom, residing in Mossel Bay, South Africa, have made an invention in a IMPROVED STEERABLE DRILLING SYSTEM AND METHOD for which we executed an application for United States Letters Patent on the 11th day of October, 1999; the 12th day of October, 1999; the 23rd day of October, 1999; the 24th day of October, 1999; the 25th day of October, 1999; the 26th day of October, 1999, respectively;

WHEREAS we represent and warrant that we are the sole owners of said invention and applications for Letters Patent;

WHEREAS, Halliburton Energy Services, Inc., a corporation of the State of Delaware, hereinafter referred to as “ASSIGNEE,” 4100 Clinton Drive, Houston, Texas 77020-6299, 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 us, we 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 us, had this assignment and sale not been made.

Each of us covenant and agree that he 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.

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IN TESTIMONY WHEREOF, I have duly executed this assignment as set forth below:

Date ____________________________

Chen-Kang D. Chen

Date 25 | 10 | 99

Thomas G. Gaynor

M. Mc.

PATENT
REEL: 011926 FRAME: 0736
Date: 10-11-99 (11 Oct)

Daniel D. Gleitman

Date: 12 Oct 99

John R. Hardin, Jr.

Date: ________________

Colin Walker

Date: ________________

M. Vikram Rao

Date: ________________

Roger Boulton
Date: ________________________

Daniel D. Gleitman

Date: ________________________

John R. Hardin, Jr.

Date: 21st October 1999

Colin Walker

Date: ________________________

M. Vikram Rao

Date: ________________________

Roger Boulton
Date: __________________________
Daniel D. Gleitman

Date: __________________________
John R. Hardin, Jr.

Date: __________________________
Colin Walker

Date: 10/13/95
M. Vikram Rao

Date: __________________________
Roger Boultton
Date: ______________________

Daniel D. Gleitman

Date: ______________________

John R. Hardin, Jr.

Date: ______________________

Colin Walker

Date: ______________________

M. Vikram Rao

Date: 26 October 1999

Roger Boulton