

12-12-2000

11-20-00

FORM PTO-446-1033



U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

To the Honorable Commis.

101546713

ached original documents or copy thereof.

1. Name of conveying party(ies): Paul L. Camwell, Michael T. Sutherland, Anthony Robert Dopf, Derek W. Logan and Randall S. Liscombe

2. Name and address of receiving party(ies): Name: Ryan Energy Technologies Inc. Internal Address: Street Address: 4215 54th Street SE City: Calgary State: Alberta Zip: T2C 2A2

Additional name(s) of conveying party(ies) attached? Yes X No

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

3. Nature of conveyance:

- X Assignment Merger Security Agreement Change of Name Other

Execution Date August 17, 18, 24, 2000

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

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)

09/641,092

Additional numbers attached: Yes X No

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

6. Total number of applications and patents involved: 1

Name: William M. Lee, Jr. Internal Address: Lee, Mann, Smith, McWilliams, Sweeney & Ohlson Street Address: P.O. Box 2786 City: Chicago State: Illinois Zip: 60690-2786

7. Total fee (37 CFR 3.41) \$ 40.00 X Enclosed Authorized to be charged to deposit account

8. Deposit account number:

12-0913

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

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.

William M. Lee, Jr.

Signature

November 11, 2000

Date

Total number of pages including cover sheet, attachments and document 5

Do not detach this portion

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

Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

12/12/2000 GT0N11 00000033 09641092

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40.00 OP

PATENT REEL: 011316 FRAME: 0159

(Sim & McBurney)

Dynamic Pressure Device for Oil Drill
Systems

Please acknowledge receipt of the enclosed:

Serial No.: 09/641,092

Filing Date: August 17, 2000

certificate of mailing,
Assignment transmittal,
assignment,
check No. 42090 for \$40.00,
return postcard.

Due Date (If Any):

Date Sent: November 15, 2000 kk

I hereby certify that the correspondence is being deposited with the United States Postal Service as first class mail in an envelope with sufficient postage addressed to:

Honorable Commissioner of Patents
United States Patent and Trademark Office
Washington DC 20231, on the date indicated below:

Date: November 15, 2000

BY: Kathy Kurek

ASSIGNMENT WORLD-WIDE

WHEREAS, we, CAMWELL, Paul L. of 263 Midvalley Dr. S.E., Calgary, AB T2X 1M1; SUTHERLAND, Michael T. of 520, 3818 19th Avenue SW, Calgary, AB T3E 6T3; DOPF, Anthony Robert of Box 15, Site 18, SS#3, Calgary, AB T3C 3N9; LOGAN; Derek W. of 19 Fisherman's Bend S.W., Calgary, AB T3Z 1B2 and LISCOMBE, Randall S. of 5240 Dalcroft Crescent N.W., Calgary, AB T3N 1N5 all citizens of Canada have made an invention relating to new and useful improvements in **Dynamic Pressure Device for Oil Drill Systems** for which an application for United States Letter Patent thereon was filed under Serial Number 09/641,092 on August 17, 2000; and

WHEREAS, RYAN ENERGY TECHNOLOGIES INC., a company organized and existing under the laws of the Province of Alberta, having a place of business at 4215 54th Street SE, Calgary, Alberta T2C 2A2, Canada is desirous of acquiring the full and exclusive right, title and interest in and to said application inclusive of any and all priority rights derived therefrom, in and to the invention, and in and to all Letters Patent issuing in the United States and foreign countries, to be granted for the invention;

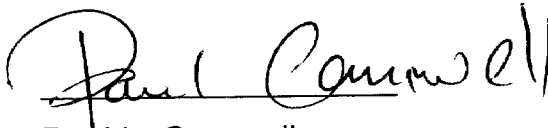
NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged we do hereby sell, assign, transfer, and set over and do hereby confirm our sale, assignment, transfer and setting over unto the said RYAN ENERGY TECHNOLOGIES INC., its successors and assigns, the full and exclusive right, title and interest in and to the United States application inclusive of any and all priority rights derived therefrom, and in and to the invention disclosed in said application and in and to all Letters Patent and reissues which may be granted upon said application, and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all corresponding foreign applications for Letters Patent which may be granted for the invention in foreign countries; the same to be held and enjoyed by RYAN ENERGY TECHNOLOGIES INC. for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

AND we hereby agree to execute, upon request, any and all further papers which may be necessary or desirable to enable RYAN ENERGY TECHNOLOGIES INC., its successors and assigns, to file and prosecute said application and all substitutes, divisions, or continuations thereof, and any and all reissues of the Letters Patent granted upon said application; any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said invention; and we further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of RYAN ENERGY TECHNOLOGIES INC., its successors and assigns, in and to said application and the invention therein disclosed, and in and to any and all Letters Patent and reissues thereof which may be granted upon said application or foreign applications.

AND we hereby authorize and request The Commissioner of Patents to issue each and every Letters Patent to be granted and any reissue of said Letters Patent, to the said RYAN ENERGY TECHNOLOGIES INC., its successors and assigns, as the assignee of the entire right, title and interest therein, in accordance with this assignment.

WITNESS my hand at Calgary, Alberta

this 18 day of Aug, 2000

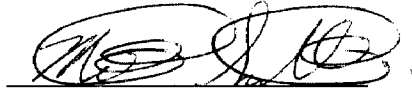

Paul L. Camwell

STATEMENT BY WITNESS

I, Robert Be, whose full post office address is 18 Donahem Gads
NE, Calgary, was personally present and did Paul L. Camwell who is known to me, execute the above assignment.


Signature of Witness

WITNESS my hand at Calgary, Alberta
this 17th day of Aug, 2000



Michael T. Sutherland

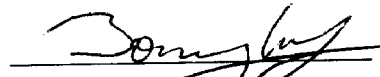
STATEMENT BY WITNESS

I, Tara Derscher, whose full post office address is 247 Huntbridge Way NE
Cal. AB T2k 4C4, was personally present and did Michael T. Sutherland who is
known to me, execute the above assignment.



Signature of Witness

WITNESS my hand at Calgary, Alberta
this 17th day of Aug, 2000



Anthony Robert Dopf


STATEMENT BY WITNESS

I, Denise Monteil, whose full post office address is 1010 8th St. SE
Calgary, was personally present and did Anthony Robert Dopf who is known
to me, execute the above assignment.



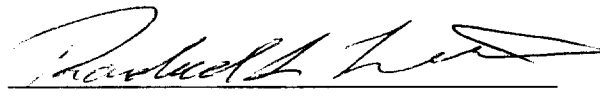

Signature of Witness

WITNESS my hand at Calgary, Alberta
this 24 day of Aug., 2000

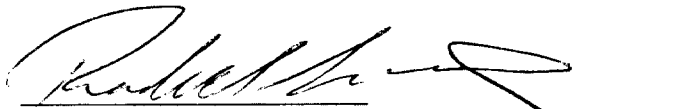

Derek W. Logan

STATEMENT BY WITNESS

I, Julia Landry, whose full post office address is # 307, 1339-15 Ave, SW
Calgary, AB T3C 3V3, was personally present and did Derek W. Logan who is known to
me, execute the above assignment.

 
Signature of Witness

WITNESS my hand at Calgary, Alberta
this 15 day of Aug., 2000


Randall S. Liscombe

Julia Landry
Witness

307, 1339-15 Ave, SW
Calgary, AB T3C 3V3
Julia Landry