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LTS9050

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

John Hughes Jan. 20, 1997
Michael Robert Konopczynski
Jan. 16, 1997

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

Shell Research Limited
Shell Centre
2 York Road, Waterloo,
London SE1, United Kingdom

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

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

and
Canadian Fracmaster Limited
1700, 3500 Fourth Avenue S.W.,
Calgary, Canada

Execution Date: Jan. 16 & 20, 1997

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

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).

08/765,383

B. Patent No(s).

Additional numbers attached? Yes No

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

Name: Del S. Christensen
Shell Oil Company
Intellectual Property
P.O. Box 2463
900 Louisiana
Houston, Texas 77252-2463

6. Total number of applications and patents involved:

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:
19-1800

(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.

Del S. Christensen

Dec. 22, 1998

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington D.C. 20231 on Dec 23, 1998, by

Annunzio Candia

Serial No.: 00/7165,383
Filing Date: April 7, 1997

1 of 1

ASSIGNMENT TS 9050 USA P

WHEREAS I/we John Hughes, a British national of 2880 64th Avenue, Edmonton, Alberta T6P 1W6 Canada and Micheal Robert KONOPCZYNSKI, a Canadian national of 400-4th Avenue S.W., Calgary, Alberta T2P 2H5, Canada have invented a certain improvement in

WHEREAS I/we have executed an application for Letters Patent of the United States in connection with this invention on the
16 and 20 January 1997

WHEREAS, SHELL RESEARCH LIMITED, a Company organized under the laws of the United Kingdom, of Shell Centre, 2 York road, Waterloo, London SE1, United Kingdom, and CANADIAN FRACMASTER LIMITED, a Company organized under the laws of Canada, of 1700, 3500 Fourth Avenue S.W., Calgary, Canada are desirous of acquiring all rights to this invention in the United States:

NOW THEREFORE for valuable consideration received, I/we John HUGHES and Michel Robert KONOPCZYNSKI hereby assign to SHELL RESEARCH LIMITED and CANADIAN FRACMASTER LIMITED, its successors and assigns, all rights to this invention in the United States of America, including all rights in the above-mentioned application and any patent which may be issued thereon in the United States and any other application which may be filed or patent which may be issued on said invention in the United States.

AND I/we hereby agree that I/we will upon request execute any instrument which SHELL RESEARCH LIMITED and CANADIAN FRACMASTER LIMITED desire to carry this assignment into effect and perfect the title transferred hereby or to prosecute the above-mentioned application.

AND the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent of said application to the Assignee.

Calgary this 16th day of January 1997
Edmonton 20 January 1997

2 witnesses Mr. Hughes:

V.S. Leith

2 witnesses Mr. Konopczynski:

Elaine S. Leith
HEMRI L.S. STAAL CA

John Hughes

Michel Konopczynski