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Name (line 1) CARMICHAEL, Mark

Execution Date
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12 21 98

Name (line 2)

Second Party

Name (line 1) HOWLETT, Paul

Execution Date
Month Day Year
12 21 98

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Specialised Petroleum Services Limited

Name (line 2)

Address (line 1) Peregrine Road

Address (line 2) Westhill Business Park, Westhill

Address (line 3) Aberdeenshire

United Kingdom

AB32 6JL

City

State/Country

Zip Code

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REEL: 9669 FRAME: 0415

Correspondent Name and Address

Area Code and Telephone Number **(317) 634-3456**

Name **Clifford W. Browning**

Address (line 1) **Woodard, Emhardt, Naughton, Moriarty & McNett**

Address (line 2) **111 Monument Circle, Suite 3700**

Address (line 3) **Bank One Center/Tower**

Address (line 4) **Indianapolis, Indiana 46204-5137**

Pages

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3

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)

09/173,258

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.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

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Number of Properties

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1

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Deposit Account Number:

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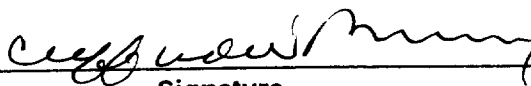
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Statement and Signature

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.

Clifford W. Browning

Name of Person Signing



Signature

12/23/98

Date

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS,

- (1) (Name of Inventor) Mark Carmichael
(Address of Inventor) Alt-Mor Ballantr Road, Aboyne, Aberdeenshire AB34 5HN,
United Kingdom
- (2) (Name of Inventor) Paul Howlett
(Address of Inventor) 234 North Deeside Road, Cults, Aberdeen AB15 9PB,
United Kingdom
- (3) (Name of Inventor) _____
(Address of Inventor) _____

(hereinafter singly and jointly referred to as "Assignor"), has made a new and useful invention in:

Apparatus and method for circulating fluid in a well bore

for which Assignor has made or will make application for Letters Patent of the United States; and

WHEREAS:

- (Name of Assignee): Specialised Petroleum Services Limited
(Address of Assignee): Peregrine Road, Westhill Business Park, Westhill, Aberdeenshire,
AB32 6JL, United Kingdom
- (Legal Nature of Assignee): A Company incorporated in Scotland, United Kingdom

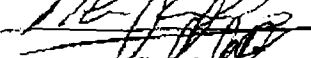
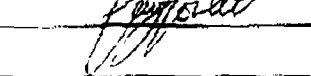
(hereinafter referred to as "Assignee"), desires to acquire 100% of the right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all United States Letters Patent, that may be obtained therefor and thereon;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does not sell, assign and transfer unto Assignee, 100% of the right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon in the United States, including all reissues and re-examinations thereof.

Assignor hereby authorizes and requests the firm of Woodard, Emhardt, Naughton, Moriarty & McNett of Bank One Center/Tower, 111 Monument Circle, Suite 3700, Indianapolis, Indiana 46204-5137 to insert here in parentheses (Serial No. 09/173,258, Filed 14 October, 1998) the date and serial number of said application for United States Letters Patent when officially known and Assignor hereby authorizes and requests the Honourable Commissioner of Patents to issue said United States Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent and said invention in the United States for the use of Assignee.

IN WITNESS WHEREOF, ASSIGNOR has herunto set hand this 21st day of DECEMBER 1998
19____.

- (1) (Signature of Inventor): 
- (2) (Signature of Inventor): 
- (3) (Signature of Inventor): _____

(Notarization or Legalization, If Desired)