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original documents or copy thereof.

1. Name of conveying party(ies):
Ian Alastair Kirk, William Barron, Alistair Bertram Clark
Additional name(s) of conveying party(ies) attached Yes No

07/23/02

2. Name and address of receiving party(ies):
Downhole Products PLC
Badentoy Road, Badentoy Park
Portlethen, Aberdeen
AB12 4YA
UNITED KINGDOM
Additional name(s) & addresses attached? Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: July 11, 2002, July 12, 2002, July 11, 2002

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 July 11, 2002, July 12, 2002 & July 11, 2002

A. Patent Application No.(s)
10/182099

B. Patent No.(s)

Additional numbers attached Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Robert E. Cannuscio, Esq.
Drinker Biddle & Reath LLP
One Logan Square
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Philadelphia, PA 19103-6996
Attorney Docket No. 8830-102 (176449)

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41) \$40.00
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Robert E. Cannuscio
Name of Person Signing

Signature

July 22, 2002
Date

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ASSIGNMENT - U.S.A.

WHEREAS WE, Ian Alastair KIRK, whose full postal address is Lindos, 131 North Deeside Road, Miltimber, Aberdeen AB13 OJF United Kingdom; William BARRON, whose full postal address is 61 Seafield Road, Aberdeen AB15 7YU, United Kingdom; and Alistair Bertram CLARK, whose full postal address is 7 Westwood Grove, Westhill, Aberdeen AB32 6XF, United Kingdom (hereinafter referred to as "the Undersigned") having made an invention entitled "Centraliser" described and claimed in International Application No PCT/GB01/00174 filed on January 18 2001,

WHEREAS Downhole Products PLC, whose full postal address is Badentoy Road, Badentoy Park, Portlethen, Aberdeen, AB12 4YA, United Kingdom, (hereinafter referred to as "Assignee") is desirous of acquiring the entire right, title and interest in said invention, said application, and all United States Letters Patent issuing for said invention,

NOW THEREFORE in consideration of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, the Undersigned, intending to be legally bound, does hereby sell, assign and transfer to Assignee the entire right title and interest for the United States of America, its territories and possessions in said invention, including said patent application, all divisions and continuations thereof, and all Letters Patent and reissues thereof issuing for said invention in the United States of America.

It is agreed that the Undersigned shall be legally bound, upon request of Assignee its successors or assigns or a legal representative thereof, to supply all information or evidence of which the Undersigned has knowledge or possession relating to the making and practice of said invention, to testify in any legal proceedings relating thereto, and to execute all instruments proper to patent the invention in the United States of America in the name of Assignee. If the undersigned includes more than one individual, these obligations shall apply to all of the Undersigned both individually and collectively.

The rights and property herein conveyed by the Undersigned are free and clear of any encumbrance.

EXECUTED by the Undersigned the place and date shown below.

(signature) [Signature] (place) Aberdeen

Ian Alastair KIRK (date) 11.7.02

(signature) [Signature] (place) ABERDEEN

Witness (date) 11.7.02

(signature) _____ (place) _____

William BARRON (date) _____

(signature) _____ (place) _____

Witness (date) _____

(signature) [Signature] (place) ABERDEEN

Alistair Bertram Clark (date) 11-07-02

(signature) [Signature] (place) ABERDEEN

Witness (date) 11-07-02

001-44-1224 785222

FAO IAN KIRK

ASSIGNMENT - U.S.A.

WHEREAS WE, Ian Alastair KIRK, whose full postal address is Lindos, 131 North Deeside Road, Milltimber, Aberdeen AB13 0JF United Kingdom; William BARRON, whose full postal address is 61 Seafield Road, Aberdeen AB15 7YU, United Kingdom; and Alistair Bertram CLARK, whose full postal address is 7 Westwood Grove, Westhill, Aberdeen AB32 6XF, United Kingdom (hereinafter referred to as "the Undersigned") having made an invention entitled "Centraliser" described and claimed in International Application No PCT/GB01/00174 filed on January 18 2001,

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The rights and property herein conveyed by the Undersigned are free and clear of any encumbrance.

EXECUTED by the Undersigned the place and date shown below.

(signature) _____ (place) _____

Ian Alastair KIRK (date) _____

(signature) _____ (place) _____

Witness (date) _____

(signature)  (place) ABERDEEN

William BARRON (date) 12/JULY/02

(signature)  (place) ABERDEEN

Witness (date) 12/20/02

(signature) _____ (place) _____

Alistair Bertram Clark (date) _____

(signature) _____ (place) _____

Witness (date) _____