

### ASSIGNMENT RECORDATION FORM COVER SHEET *Patents Only*

To the Director of the Patent and Trademark Office:  
Please record the attached original documents or copy thereof.

Attorney Dkt. No.: 031749/268272

1. Name of conveying party(ies):  
  
Neyfor-Weir Limited

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

2. Name and address of receiving party(ies):  
  
Smith International, Inc.  
16740 Hardy Street  
Houston, Texas

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

3. Nature of conveyance:

Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other \_\_\_\_\_

Execution Date: July 31, 2002

4. Application No. 10/639,826

If this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? Yes  No

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

**ALSTON & BIRD LLP**  
 Bank of America Plaza  
 101 South Tryon Street, Suite 4000  
 Charlotte, NC 28280-4000

6. Total number of applications and patents involved:  
  
1

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

8. Deposit account number: 16-0605

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.*

Name of Person Signing: Jason P. Cooper  
 Reg. No. 38,114

4/30/04  
 Date

Total number of pages including cover sheet, attachments, and document: 10

USPTO Fax Number for New Assignments (703) 306-5995

CFR \$40.00 160605 10639826

**THIS IPR ASSIGNATION is made on 31 July 2002**

by

- (1) **NEYRFOR-WEIR LIMITED** a company incorporated in England and Wales (registered number 1740020) whose registered office is at Park Works, Newton Heath, Manchester, M40 2BA (the "Assignor");

in favour of

- (2) **SMITH INTERNATIONAL, INC.** a Delaware corporation having a place of business at 16740 Hardy Street, Houston, Texas, USA (the "Assignee").

**WHEREAS:-**

- (A) The Assignor is the proprietor and lawful owner of the Assigned IPR (as defined below); and
- (B) The Assignor and the Assignee are parties to an Agreement for the Acquisition of The Turbodrilling Business of Neyrfor-Weir Limited (the "Acquisition Agreement") under which the Assignor has agreed to assign the Assigned IPR to the Assignee; and
- (C) The parties wish to formally record the assignation in writing.

**NOW IT IS HEREBY AGREED AS FOLLOWS:-**

**1. DEFINITIONS**

In this Assignment, the following terms shall have the following meanings unless the context otherwise requires:-

- Assigned IPR** means the intellectual property rights set out in the Schedule;
- Effective Date** means 31 July 2002 notwithstanding the date or dates of execution of this Assignment; and
- Schedule** means the schedule annexed to this Assignment.

**2. ASSIGNATION**

- 2.1 In implementation of the Acquisition Agreement and for the consideration set out therein, the Assignor hereby assigns to the Assignee with effect from the Effective Date its whole right,

title and interest past, present and future in and to the Assigned IPR (with all unregistered rights and other rights pertaining thereto) and all the rights, powers, privileges and immunities conferred on the proprietor thereof together with all rights of action actual or contingent in respect of any past, existing or future infringements of the Assigned IPR.

2.2 The Assignor hereby undertakes at the request and expense of the Assignee to do all things and execute all such further documents, forms and authorisations as may (in the reasonable opinion of the Assignee) be required to vest the rights hereby assigned in the Assignee.

### 3. NO WARRANTIES

3.1 No warranty (express or implied) is given by the Assignor to the Assignee under this Assignment.

3.2 All representations, warranties, conditions or other terms implied by statute or common law are excluded to the fullest extent permitted by law.

### 4. AUTHORISATIONS

4.1 The Assignor hereby authorises and requests if and where appropriate any official of any country whose duty it is to register designs or patents or other evidence or forms for industrial and/or intellectual property protection, on application being made by the Assignee pursuant hereto, to issue same to the Assignee or its successors or assignees and all parties hereby agree to the change of ownership effected hereby being recorded in any relevant register.

4.2 The Assignor hereby irrevocably appoints the Assignee to be its authorised attorney to do all such things and to execute all such documents in the Assignor's name and on its behalf but only insofar as may be necessary to secure that the full benefit and advantage of the rights arising hereunder are obtained by the Assignee (or where appropriate its nominee) and a letter by any director or secretary of the Assignee certifying that anything or any document has been done or executed within the authority hereby conferred shall be conclusive evidence of the same.

5. GOVERNING LAW AND JURISDICTION

This Assignment shall be governed by and construed in accordance with the laws of Scotland and the parties hereby submit to the exclusive jurisdiction of the Scottish Courts.

IN WITNESS WHEREOF these presents on this and the preceding two pages, together with the Schedule annexed hereto, are executed as follows:

SIGNED by ALAN HENDERSON  
For and on behalf of  
NEYRFOR-WEIR LIMITED  
At: EDINBURGH

)  
)  
)  
)  
)  
.....  
Duly authorised

in the presence of:  
Signature of Witness [Signature]  
Name: JOHN ROBERT SIMON  
Address: 3 GLENFINLAS ST,  
EDINBURGH

Date: 31 July 2002

SIGNED by DAVID TRUAX  
for and on behalf of  
SMITH INTERNATIONAL, INC.  
At: EDINBURGH

)  
)  
)  
)  
)  
.....  
Duly authorised

in the presence of:  
Signature of Witness [Signature]  
Name: ROBERT ROSS  
Address: SALTIRE COURT  
20 CASHE TERRACE  
EDINBURGH  
EH1 2EU

Date: 31 July 2002

This is the Schedule referred to in the foregoing IPR Assignment by NEYRFOR-WEIR LIMITED in favour of SMITH INTERNATIONAL, INC.

SCHEDULE

(1) PATENTS

Short Title	Country	Application/ Registration date	Application/ Registration number	Applicant	Status
Drill Motor Stabilising Device	United Kingdom	31 Jan 1992	9202163.3	Neyrfor-Weir Limited	Pending
Bit Box Stabilisers	(ex EP) Germany	18 Jan 1993 11 Sep 1996	93300285.9 0554977	Neyrfor-Weir Limited	Granted
Bit Box Stabilisers	(ex EP) Denmark	18 Jan 1993 11 Sep 1996	93300285.9 0554977	Neyrfor-Weir Limited	Granted
Bit Box Stabilisers	European Patent	18 Jan 1993 11 Sep 1996	93300285.9 0554977	Neyrfor-Weir Limited	Granted
Bit Box Stabilisers	(ex EP) France	18 Jan 1993 11 Sep 1996	93300285.9 0554977	Neyrfor-Weir Limited	Granted
Bit Box Stabilisers	(ex EP) United Kingdom	18 Jan 1993 11 Sep 1996	93300285.9 0554977	Neyrfor-Weir Limited	Granted
Bit Box Stabilisers	(ex EP) Netherlands	18 Jan 1993 11 Sep 1996	93300285.9 0554977	Neyrfor-Weir Limited	Granted
Stabilising Device	Norway	29 Jan 1993 29 Jan 1993	930308 307004	Neyrfor-Weir Limited	Granted
Stabilising Device	United States of America	28 Jan 1993 07 May 1996	08/010,130 5,313,714	Neyrfor-Weir Limited	Granted

Short Title	Country	Application/ Registration date	Application/ Registration number	Applicant	Status
Extended Stabiliser	United Kingdom	22 Mar 1994	9405666.0	Neyrfor-Weir Limited	Pending
Extended Stabiliser	European Patent	21 Mar 1995 12 May 1999	95911452.1 0752046	Neyrfor-Weir Limited	Granted
Extended Stabiliser	(ex EP) United Kingdom	21 Mar 1995 12 May 1999	95911452.1 0752046	Neyrfor-Weir Limited	Granted
Extended Stabiliser	Norway	21 Mar 1995	963961	Neyrfor-Weir Limited	Pending
Extended Stabiliser	United States of America	21 Mar 1995 29 Dec 1998	08/716,386 5,853,053	Neyrfor-Weir Limited	Granted
"Extended Stabiliser"	Venezuela	07 Apr 1995	0548-95	Neyrfor-Weir Limited	Abandoned
"Extended Stabiliser"	PCT International	21 Mar 1995	PCT/GB95/00622	Neyrfor-Weir Limited	Pending
Downhole Motor	United Kingdom	28 Jan 1998	9801644.7	Neyrfor-Weir Limited	Superseded
Downhole Motor	Australia	20 Jan 1999 21 Feb 2002	21763/99 744304	Neyrfor-Weir Limited	Under examination
Downhole Motor	Brazil	20 Jan 1999	P19907303-0	Neyrfor-Weir Limited	Pending
Downhole Motor	Canada	20 Jan 1999	2318853	Neyrfor-Weir Limited	Pending
Downhole Motor	Eurasia	20 Jan 1999 20 Jan 1999	200000790 001702	Neyrfor-Weir Limited	Granted
Downhole Motor	European Patent	20 Jan 1999	99901761.9	Neyrfor-Weir Limited	Allowed
Downhole Motor	Japan	20 Jan 1999	2000-529520	Neyrfor-Weir Limited	Pending

Short Title	Country	Application/ Registration date	Application/ Registration number	Applicant	Status
Downhole Motor	Mexico	20 Jan 1999	0007431	Neyfor-Weir Limited	Pending
Downhole Motor	Norway	20 Jan 1999	20003849	Neyfor-Weir Limited	Pending
Downhole Motor	United States of America	20 Jan 1999	09/601,096	Neyfor-Weir Limited	Pending
Downhole Motor	PCT International	20 Jan 1999	PCT/GB99/00196	Neyfor-Weir Limited	Superseded
USBB/FFABF	United Kingdom			Neyfor-Weir Limited	Not Yet Filed
Polymer Turbine Stator & Rotor	United Kingdom	21 Jun 2000	00152074	Neyfor-Weir Limited	Superseded
Safety Sub	United Kingdom	15 Jan 2001	0101014.9	Neyfor-Weir Limited	Superseded
Polymer Turbine Blades	PCT International	20 Jun 2001	PCT/GB01/02753	Neyfor-Weir Limited	Under examination
Safety Sub	PCT International	15 January 2002	PCT/GB02/00178	Neyfor-Weir Limited	Pending

## (2) REGISTERED TRADE MARKS

Trade Mark	Classes	Country	Application/ Registration date	Application/ Registration number	Applicant	Status
NEYRFOR	7, 8, 9	Madrid Agreement countries	05 April 1977	429436	Neyfor-Weir Limited	Registered
NEYRFOR <sub>1</sub> + <sub>2</sub>	7, 8, 9	Benelux	05 Apr 1977 05 Apr 1977	429436	Neyfor-Weir Limited	Registered
NEYRFOR <sub>1</sub> + <sub>2</sub>	7, 8, 9	Germany	05 April 1977 05 April 1977	429436	Neyfor-Weir Limited	Registered
NEYRFOR <sub>1</sub> + <sub>2</sub>	7, 8, 9	Algeria	05 Apr 1977 05 Apr 1977	429436	Neyfor-Weir Limited	Registered
NEYRFOR <sub>1</sub> + <sub>2</sub>	7, 8, 9	Egypt	05 Apr 1977 05 Apr 1977	429436	Neyfor-Weir Limited	Registered
NEYRFOR <sub>1</sub> + <sub>2</sub>	7, 8, 9	Spain	05 Apr 1977 05 Apr 1977	429436	Neyfor-Weir Limited	Registered
NEYRFOR <sub>1</sub> + <sub>2</sub>	7, 8, 9	Hungary	05 Apr 1977 05 Apr 1977	429436	Neyfor-Weir Limited	Registered
NEYRFOR <sub>1</sub> + <sub>2</sub>	7, 8, 9	Italy	05 Apr 1977 05 Apr 1977	429436	Neyfor-Weir Limited	Registered
NEYRFOR <sub>1</sub> + <sub>2</sub>	7, 8, 9	Morocco	05 Apr 1977 05 Apr 1977	429436	Neyfor-Weir Limited	Registered
NAYRFOR <sub>1</sub> + <sub>2</sub>	7, 8, 9	Romania	05 Apr 1977 05 Apr 1977	429436	Neyfor-Weir Limited	Registered
NEYRFOR	7	Bahrain	19 Jun 1984 10 Jun 1984	8688	Neyfor-Weir Limited	Registered



Trade Mark	Classes	Country	Application/ Registration Date	Application/ Registration number	Applicant	Status
NEYRFOR	7	United Kingdom	29 Mar 1970 29 Mar 1970	1076358	Neyrfor-Weir Limited	Registered
NEYRFOR	7	United States of America	31 Jan 1978 31 Jan 1978	1083850	Neyrfor-Weir Limited	Registered
NEYRFOR	7, 8, 9	France	09 Nov 1981 09 Nov 1981	1710568	Neyrfor-Weir Limited	Registered
NEYRFOR,+	7, 8, 9	Austria	05 Apr 1977 05 Apr 1977	429436	Neyrfor-Weir Limited	Removed
NEYRFOR,+	7, 8, 9	Switzerland	05 Apr 1977 05 Apr 1977	429436	Neyrfor-Weir Limited	Removed
NEYRFOR,+	7, 8, 9	Czech Republic	05 Apr 1977 05 Apr 1977	429436	Neyrfor-Weir Limited	Removed
NEYRFOR,+	7, 8, 9	East Germany	05 Apr 1977 05 Apr 1977	429436	Neyrfor-Weir Limited	Removed
NEYRFOR,+	7, 8, 9	Yugoslavia	05 Apr 1977 05 Apr 1977	429436	Neyrfor-Weir Limited	Removed
NEYRFOR,+	7, 8, 9	Tunisia	05 Apr 1977 05 Apr 1977	429436	Neyrfor-Weir Limited	Removed
NEYRFOR	7	Brazil	10 Oct 1978 10 Oct 1978	006788491	Alsihom	Removed

## (3) DOMAIN NAMES

Domain Name	Registrant	Registrar	Date Registered	Expiry Date
neyrfor.co.uk	Neyrfor Weir Limited	Nominet UK	21-08-96	21-08-02
neyrfor.com	Neyrfor France SA	Virtual Internet	13-11-01	03-05-03
turbodrills.co.uk	Neyrfor Weir Limited	Nominet UK	02-12-99	02-12-03
turbodrills.com	Neyrfor Weir Limited	Net Communications Ltd	02-12-99	01-12-03
neyrforturbodrilling.com	Neyrfor Turbodrilling Co Inc.	Bulk Register	07-03-00	07-03-03