FORM PTO-1619/ Expires 06/30/99 OMB 0651-0027

08-05-1999



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RECORDATION FORM COVER SHEET

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Submission Type	arks: Please record the attached original document(s) or copy(ies). Conveyance Type
XX New	Assignment Security Agreement
Resubmission (Non-Recordation) Document ID#	License Change of Name
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Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date
Name (line 1) CURTIS G. BLOUN	Month Day Year
Name (line 2) Second Party Name (line 1) DAVID D. HEARN Name (line 2)	Execution Date Month Day Year 7 21 99
Receiving Party	Mark if additional names of receiving parties attached
Name (line 1) ATLANTIC RICHFIE	
Name (line 2)	receiving party is not domiciled in the United States, an appointment
Address (line 1) 515 South Flower	of a domestic
Address (line 2)	Assignment.)
Address (line 3) Los Angeles	CA (USA) 90071
Domestic Representative Name and A	Address Enter for the first Receiving Party only.
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PATENT

FORM PTC-1 Expires 06/30/99 OMB 0651-0027	619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Corresponder	nt Name and Address	Area Code and Telephone Number	(972) 437-1204
Name -	DRUDE FAULCONER		
Address (line 1)	CANYON CREEK NB	BLDG.	
Address (line 2)	333 W. CAMPBELL	ROAD	
Address (line 3)	SUITE 330		
Address (line 4)	RICHARDSON, TX 7	5080	
Pages	Enter the total number of paincluding any attachments	ages of the attached conveyance docum	ent # one
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Deposit	of Payment: End Account	the for Properties Listed (37 CFR 3.41): Sclosed Deposit Account XX dditional fees can be charged to the account.) Deposit Account Number:	# 01-2720
		Authorization to charge additional fees:	Yes XX No

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 accument. Charges to deposit account are authorized, as

Statement and Signature

indicated herein. JOHN L. WOOD Reg. No. 32,183

Name of Person Signing

ATLANTIC RICHFIELD COMPANY

ASSIGNMENT - JOINT

Case No. DP50-6-1810A

Whereas, We, CURTIS G. BLOUNT and DAVID D. HEARN, residing at 2050 Bogard Road, Wasilla, Alaska 99654, and 650 Clipper Ship Ct., Anchorage, Alaska, 99515 respectively, are inventors of an invention or improvement in

DOWNHOLE SETTING TOOL

for which we have executed an application for Letters Patent of the United States of America on respective even date herewith; and

Whereas, Atlantic Richfield Company, a corporation organized and existing under the laws of the State of Delaware, having its principal office and place of business in the City of Los Angeles, State of California, is desirous of obtaining the entire right, title, and interest in , to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

Now, Therefore, for One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we have sold, assigned transferred and set over, and by these presents do hereby sell assign, transfer and set over, unto the said Atlantic Richfield Company, its successors, legal representatives, and assigns, our entire right, title and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, all rights to register said invention in appropriate registries, and all Letters Patent which any be granted for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on application as aforesaid, to issue all Letters Patent for said invention to said Atlantic Richfield Company, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

And We Hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

And We Hereby further covenant and agree that we will communicate to the said Atlantic Richfield Company, its successors, legal representatives and assigns, any fact know to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said Atlantic Richfield Company, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

In Testimony Whereof, we hereunto set our hands on the respective dates listed below.

listed below

Date: 7/21/99

Date: 7/21/99

CURTIS G. BLOUNT

DAVID D. HEARN