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549 U.S. PAT. 09/110167 07/06/98

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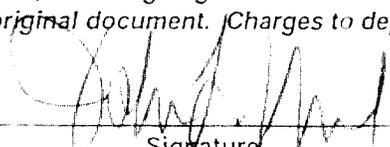
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JOHN L. WOOD  
REG. NO. 32,183

Name of Person Signing

Signature 

Date

ATLANTIC RICHFIELD COMPANY

ASSIGNMENT - JOINT

Case No. DP50-6-1751A

Whereas, We, JAMES A. BURD and KENNETH J. HUBER, residing at 13201 Badger Lane, Anchorage, Alaska 99516 and 261 Dailey Avenue, No. 4, Anchorage, Alaska, 99515, respectively, are inventors of an invention or improvement in

METHOD AND APPARATUS FOR COMMINGLING AND PRODUCING  
FLUIDS FROM MULTIPLE PRODUCTION FORMATIONS

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 may 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.

Date: 6/25/98

*James A. Burd*  
JAMES A. BURD

Date: 4/28/98

*Kenneth J. Huber*  
KENNETH J. HUBER