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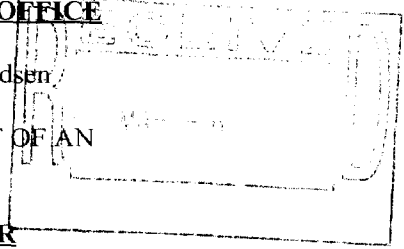
33813US



IN THE UNIT

101307557

MARK OFFICE



In re Application of: Bruce E. Kreischer, Warren M. Ewert and Ronald D. Knudsen  
Serial No.: 09/474,306 Filed: 12/29/99  
For: METHODS FOR RESTORING THE HEAT TRANSFER COEFFICIENT OF AN OLIGOMERIZATION REACTOR

PATENT RECORDATION FORM COVER LETTER

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

Please record the attached, original, executed assignment for the above-identified patent application.

1. The name(s) of the conveying party(ies):  
Bruce E. Kreischer  
Warren M. Ewert  
Ronald D. Knudsen
2. The name and address of the receiving party is:  
Name: Phillips Petroleum Company, a corporation of Delaware, having a place of business at Bartlesville, in the county of Washington, in the state of Oklahoma.  
Address: Bartlesville, Oklahoma 74004
3. Nature of conveyance: Assignment executed on January 24, 2000.
4. The Patent Application No. is identified in the heading at the top of this page.
5. Correspondence concerning this document should be addressed to:  
RICHMOND, HITCHCOCK, FISH & DOLLAR  
P. O. Box 2443  
Bartlesville, Oklahoma 74005
6. This document involves one (1) patent application.
7. Please charge the total fee (37 CFR 3.41) of \$40.00 to Deposit Account 16-1575.

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.

Respectfully submitted,  
RICHMOND, HITCHCOCK,  
FISH & DOLLAR

By Lynda S. Jolly  
Lynda S. Jolly  
Registration No. 32,736

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Total number of pages including cover sheet: 2

**ASSIGNMENT**

WHEREAS, we, Bruce E. Kreischer, Warren M. Ewert and Ronald D. Knudsen of Bartlesville, Oklahoma have made a certain invention entitled:

**METHODS FOR RESTORING THE HEAT TRANSFER  
COEFFICIENT OF AN OLIGOMERIZATION REACTOR**

which is described and claimed in that application for Letters Patent of the United States having attorneys docket designation 33813US,

and WHEREAS, Phillips Petroleum Company, a corporation of Delaware, is desirous of acquiring an interest in said invention,

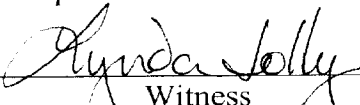
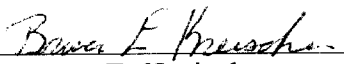
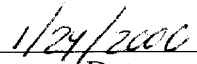
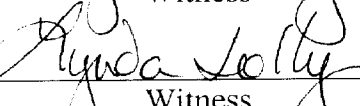
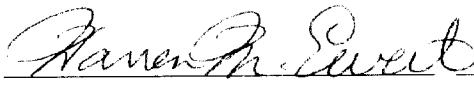
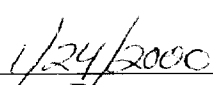
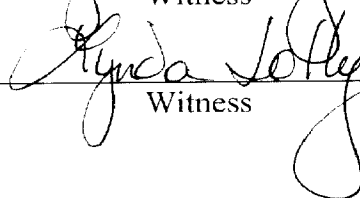
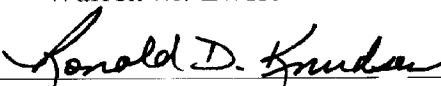
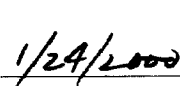
NOW, THEREFORE, in consideration of one dollar, receipt of which is hereby acknowledged, and other good and valuable consideration, we, Bruce E. Kreischer, Warren M. Ewert and Ronald D. Knudsen by these presents do sell, assign, and transfer unto Phillips Petroleum Company the full and exclusive right, for the territory of the United States of America and for all foreign countries, in and to the said invention, as described in said application executed on even dates herewith, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by the said Phillips Petroleum Company, for its own use and behalf, and for its legal representatives, to the full end of the term for which said patent or patents may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND we do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing, reissue or foreign application or applications based on the present application.

AND we do further agree to communicate to Phillips Petroleum Company, its successors, assigns or other legal representatives, such facts relating to said invention as may be known to us, and to testify as to such facts in any prosecution, interference or litigation.

Executed by the undersigned on the dates indicated.

In the presence of

 _____ Witness	 _____ Bruce E. Kreischer	 _____ Date
 _____ Witness	 _____ Warren M. Ewert	 _____ Date
 _____ Witness	 _____ Ronald D. Knudsen	 _____ Date

Post Office Address:

**RICHMOND, HITCHCOCK, FISH & DOLLAR  
P.O. Box 2443  
Bartlesville, Oklahoma 74005**