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FORM PTO-1595  
(Rev. 6-93)



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101152571

TH0860

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): **OPR/FINANCE**  
Thomas MIKUS  
Scott L. WELLINGTON  
John M. KARANIKAS  
Harold J. VINEGAR  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Shell Oil Company  
P. O. Box 2463  
900 Louisiana  
Houston, Texas 77252-2463  
Additional name(s) & address(es) attached?  Yes  No

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

Execution Date: November 19, 1997

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:  
A. Patent Application No(s).  
08/950,480  
B. Patent No(s).  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Del S. Christensen  
Shell Oil Company  
Intellectual Property  
P.O. Box 2463  
900 Louisiana  
Houston, Texas 77252-2463

6. Total number of applications and patents involved:   
7. Total fee (37 CFR 3.41): ..... \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
19-1800  
(Attach duplicate copy of this page if paying by deposit account)

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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.*  
Del S. Christensen [Signature] Sept. 15, 1999  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document:  3

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington D.C. 20231 on Sept. 17, 1999, by

[Signature]

PATENT  
REEL: 010246 FRAME: 0899

TH-0860 (US)  
DSC:mal  
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ASSIGNMENT

WHEREAS, We, THOMAS MIKUS, SCOTT L. WELLINGTON, JOHN M. KARANIKAS, and HAROLD J. VINEGAR, have made a certain improvement in HEATER WELL METHOD AND APPARATUS for which application papers for United States Patent thereon, identified as TH-0860 (US), have been executed by us,

THOMAS MIKUS, on the 19<sup>th</sup> day of November, 1997;

SCOTT L. WELLINGTON, on the 19<sup>th</sup> day of November, 1997;

JOHN M. KARANIKAS, on the 19<sup>th</sup> day of November, 1997; and

HAROLD J. VINEGAR, on the 19<sup>th</sup> day of November, 1997.

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said SHELL OIL COMPANY, its successors and assigns, all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of SHELL OIL COMPANY or whomsoever that company may nominate, and to claim the priority of the above-named United States application under the International Convention of Paris of 1883.

With respect to any country where for the filing of such an application and/or the transfer of priority rights a separate deed of sale, assignment or transfer is required, we will undertake at the request of SHELL OIL COMPANY to execute

ASSIGNMENT cont'd

such separate deed to SHELL OIL COMPANY or to whomsoever that company may nominate. And we hereby agree that we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned United States applications or any foreign application on this invention.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to SHELL OIL COMPANY.

IN TESTIMONY WHEREOF, we have hereunto subscribed our names,

THOMAS MIKUS, this 19<sup>th</sup> day of November, 1997, at

Houston, TX;

SCOTT L. WELLINGTON, this 19<sup>th</sup> day of November, 1997, at

Scott L. Wellington; Houston, TX

JOHN M. KARANIKAS, this 19<sup>th</sup> day of November, 1997, at

Houston, Texas; and

HAROLD J. VINEGAR, this 19<sup>th</sup> day of November, 1997, at

Houston, Texas.

Witnesses:

Randa Bush

[Signature]

Randa Bush

[Signature]

Randa Bush

[Signature]

Randa Bush

[Signature]

Thomas Mikus  
THOMAS MIKUS

Scott L. Wellington  
SCOTT L. WELLINGTON

John M. Karanikas  
JOHN M. KARANIKAS

Harold J. Vinegar  
HAROLD J. VINEGAR