

07-13-2000



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

1. Name of conveying party(ies):  
**Harold J. VINEGAR - June 14, 1995**  
**Ridvan AKKURT - June 14, 1995**  
**Pierre TUTUNJIAN - June 16, 1995**

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: **June 14 & 16, 1995**

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) **08/993,138**

Additional numbers attached?  Yes  No

B. Patent No(s): \_\_\_\_\_

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  
910 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**  
Name of Person Signing

*Del S. Christensen*  
Signature

**June 7, 2000**  
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 **June 7, 2000**, by **Jimmy Vaucke**.

ASSIGNMENT

WHEREAS, We, HAROLD J. VINEGAR, RIDVAN AKKURT, AND PIERRE TUTUNJIAN, have made a certain improvement in NMR LOGGING OF NATURAL GAS RESERVOIRS for which application papers for United States Patent thereon, identified as TH-0697 (US), have been executed by HAROLD J. VINEGAR on the 14<sup>th</sup> day of June, 1995; PIERRE TUTUNJIAN on the 14<sup>th</sup> day of June, 1995; and RIDVAN AKKURT on the 16<sup>th</sup> day of June, 1995; and

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 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, I, HAROLD J. VINEGAR, have hereunto subscribed my name this 14<sup>th</sup> day of June, 1995, at Houston, Texas; I, PIERRE TUTUNJIAN, have hereunto subscribed my name this 14<sup>th</sup> day of June, 1995, at Houston, Texas; and I, RIDVAN AKKURT, have hereunto subscribed my name this 16<sup>th</sup> day of June, 1995, at New Orleans, Louisiana.

Witnesses:

Eric de Nonfajian  
Scott Wellington  
Robert A. Sp...  
Kay J. Rodick  
Verise D. Conslar  
William W. Howard

Harold J. Vinegar  
HAROLD J. VINEGAR (SIGN NAME IN FULL)

Ridvan Akkurt  
RIDVAN AKKURT (SIGN NAME IN FULL)

Pierre Tutunjian  
PIERRE TUTUNJIAN (SIGN NAME IN FULL)