

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. NAME OF CONVEYING PARTY(IES):

John L. Schneider

No additional names attached

2. NAME AND ADDRESS OF RECEIVING PARTY(IES):

Phoenix Petroleum Services Limited
Inverurie Business Park
Souterford Avenue
Inverurie, Scotland AB51 0ZJ

No additional names & addresses attached

3. NATURE OF CONVEYANCE:ASSIGNMENT EXECUTION DATE: September 19, 2001**4. APPLICATION NUMBER(S) OR PATENT NUMBER(S):**

If this document is being filed with a new application, the filing date of the application is: _____

A. PATENT APPLICATION NO.(s)

B. PATENT NO.(s)

4,924,952

NO ADDITIONAL NUMBERS ATTACHED

**5. NAME AND ADDRESS FOR
CORRESPONDENCE:**

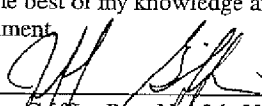
Schlumberger Technology Corporation
Attn: Patent Counsel
P.O. Box 1590
Rosharon, Texas 77583-1590

**6. TOTAL NUMBER OF APPLNS. &
PATENTS INVOLVED 1.****7. TOTAL FEE (37 CF4.3.41) \$40.00**

CHARGE TO DEPOSIT ACCOUNT

**8. DEPOSIT ACCOUNT NO. 50-0457
(a duplicate of this page is attached)****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.


 Jeffrey Griffin, Reg. No. 36, 534

(Signature)

11/20/02
 (Date)

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

A S S I G N M E N T

WHEREAS, I, JOHN L. SCHNEIDER, having an address at: Colthill Circle, Milltimber, Aberdeen, Scotland AB13 JEF, (hereinafter referred to as "Inventor"), have invented certain new and useful improvements in DETONATING HEADS, for which U.S. Patent No. 4,924,952 (the Patent) was granted on May 15, 1990, and

WHEREAS, PHOENIX PETROLEUM SERVICES LIMITED, a corporation of Great Britain, having a place of business at: Inverurie Business Park, Souterford Avenue, Inverurie, Scotland AB51 OZJ, (hereinafter referred to as "Company"), is desirous of acquiring the entire right, title and interest in and to said invention and in and to the said Patent and in any and all foreign Patents corresponding thereto.

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00) to me in hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations, the said Inventor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Company the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to the said Patent, granted therefor in the United States and its territorial possessions and in any and all corresponding foreign Patents and in and to any and all divisions, reissues, continuations and extensions thereof.

I hereby authorize and request the Patent Office Officials in any and all foreign countries where corresponding foreign Patent applications may still be pending to issue any and all of said Letters Patent, when granted, to said Company as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of the said Company, its successors and assigns.

FURTHER, I agree that I will communicate to said Company or its representatives any facts known to me respecting said invention and to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Company, make all rightful oaths and generally do everything possible to aid said Company, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of September, 2001.

Signed in the presence of:

WITNESS: 

SIGNED: 
 JOHN L. SCHNEIDER