

4-5-99

04-21-1999



101017219 Date:

No.:

1391-13000  
April 5, 1999

ASSIGNMENT (DOCUMENT) COVER SHEET - PATENT

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof:

1. Name of conveying party(ies) (Assignor):

Kwang M. Yoo

2. Name and address of party(ies) to whom transfer is made:

Halliburton Energy Services, Inc.  
4100 Clinton Drive  
Building 01, 6<sup>th</sup> Floor  
Houston, Texas 77020

JCS30 U.S. PTO  
09/286362  
04/05/99

3. Nature of conveyance:

Assignment  Change of Name  Other \_\_\_\_\_

Execution Date: March 30, 1999

4. Identification of application:

09286362

Inventor(s): Kwang M. Yoo  
Serial/Patent No.: Not Yet Assigned  
Filing Date: Concurrently Herewith  
Title of Invention: Casing Joint Locator Methods and Apparatus

5. Address to which document should be returned after recordal:

DAVID A. ROSE  
Conley, Rose & Tayon, P.C.  
P. O. Box 3267  
Houston, Texas 77253-3267

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

7. Fee payment is provided for as follows:

- New Application Transmittal
- FWC Transmittal (Item VIII)
- Attached is a check in the sum of \$ \_\_\_\_\_.
- Charge account No. 03-2769 if any additional fee is due or credit account No. 03-2769 with any overpayment.
- Charge account No. 03-2769 for any fees due..

8. 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.

04/16/1999 GWASHING 00000024 09286362  
05 FC:581 40.00 DP

DAVID A. ROSE  
Reg. No. 26,223  
Conley, Rose & Tayon, P.C.  
P. O. Box 3267  
Houston, Texas 77253-3267  
Tel. No. (713) 238-8000

**ASSIGNMENT**

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by HALLIBURTON ENERGY SERVICES, INC., and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, KWANG M. YOO ("ASSIGNOR"), having made an invention in CASING JOINT LOCATOR METHODS AND APPARATUS while in the employ either as an employee or consultant of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at Houston, Texas (sometimes hereinafter called "ASSIGNEE"), does hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

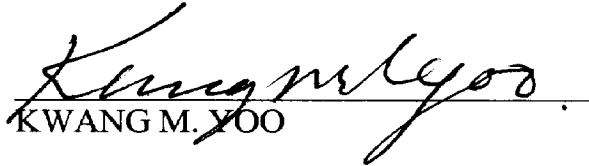
1. Said invention in CASING JOINT LOCATOR METHODS AND APPARATUS;
2. United States of America patent application on said invention, Attorney's File No. 1391-13000, executed by me concurrently herewith, entitled CASING JOINT LOCATOR METHODS AND APPARATUS;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;

- 6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;
- 7. The right to ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
- 8. All international rights of priority associated with said invention, applications, patents and like protection;

and I covenant that I, my heirs, legal representatives, assigns, administrators, and executors will at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite my signature.

March 30, 1999  
Date

  
KWANG M. YOO

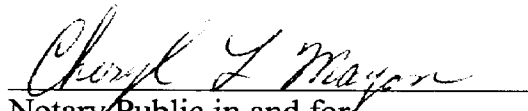
Place: Houston, Tx

THE STATE OF TEXAS     §  
  §  
COUNTY OF HARRIS     §

BEFORE ME, the undersigned authority, on this day personally appeared KWANG M. YOO, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 30<sup>th</sup> day of March, 1999.

[S E A L]

  
Notary Public in and for  
the State of TEXAS

My Commission Expires: 3/1/2003