| Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/ | 102374 | 1 | DEPARTMENT OF COMMERCE J.S. Patent and Trademark Office | |
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| Tab settings | missioner of Patents and Trademarks | : Please record the attached original do | cuments or copy thereof. | |
| Name of conveying par Philip D. Nguyen | | Name and address of rece Name: Halliburton Energy Internal Address: | iving party(ies) Services, Inc. | |
| Additional name(s) of conveying | party(ies) attached? Yes No | | 7 = | |
| 3. Nature of conveyance: Assignment Security Agreemer | | Street Address: 10200 Bel | laire Blvd. | |
| Other | | City: Houston s | ate: TX Zip: 77072 | |
| Execution Date: Februa | ary 11, 2003 | Additional name(s) & address(es |) attached? Yes V No | |
| A. Patent Application N | g filed together with a new app o.(s) Additional numbers a | | e application is: | |
| 5. Name and address of p concerning document s Name:Robert A. Ke | party to whom correspondence hould be mailed: | | ******* | |
| / Hallit | ourton Energy Services | Enclosed | | |
| Internal Address: 02/25/2003 TBIRZ1 00000050 080300 | 10365727 | Authorized to be charged | ed to deposit account | |
| 01 FC:8021 40.00 CH | South 2nd Street | 8. Deposit account number: 08-0300 | | |
| City: Duncan Sta | te:_OK_Zip:_73536 | | | |
| | DO NOT USE THIS SPACE | | | |
| 9. Signature. | | | | |
| Robert A. Kent | n Signing | Signature Signature | 2 - /2 - 03 Date | |
| Name of Perso | | ver sheet, attachments, and documents: | A | |

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

ASSIGNMENT

Whereas, I/We, Philip D. Nguyen of Stephens County, Duncan, Oklahoma, have invented "Methods of Completing Wells in Unconsolidated Subterranean Zones" for which I have made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application first executed on February 11, 2003, submitted concurrently herewith, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said

submitted concurrently herewith, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I 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 or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

REEL: 013772 FRAME: 0689

| | Executed this | day of February, 2003, at Duncan, Stephens County, Oklahoma U.S.A. |
|----|--|---|
| | | Signature Signature |
| | State of Oklahoma |)) ss |
| | County of Stephens |) |
| | Before me personally instrument to be his free | appeared said Philip D. Nguyen and acknowledged the foregoing act and deed this day of February, 2003. |
| 2- | Seal 13-2006 | Notary Pablic 402002555 |

PATENT REEL: 013772 FRAME: 0690

ASSIGNMENT

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REEL: 013772 FRAME: 0691

| Executed this | day of February, 2003, at Duncan, Stephens County, Oklahoma U.S.A. |
|--------------------|--|
| | Signature Signature |
| State of Oklahoma |)) ss |
| County of Stephens |) 55 |
| | lly appeared said Philip D. Nguyen and acknowledged the foregoing free act and deed this day of February, 2003. |
| Seal -13-2006 | Notary Public # 02002595 |

RECORDED: 02/12/2003

PATENT REEL: 013772 FRAME: 0692