

04-27-2001

HEET



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nal documents or copy thereof.

TO THE ASSISTANT COMMISSIONER

1. Name of conveying party(ies): (If multiple assignors, list numerically)

Duane Bloom, James W. Estep, Rudolph Ernst Krueger V,
Norman Bruce Moore, Kwang Yoo

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

2. Name and address of receiving party(ies):

Name: Western Well Tool, Inc.

Internal Address: 1150 Tustin Avenue, Anaheim, CA
92807-1735

Street Address: Same as above

City: State: ZIP:

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

(X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) January 26, 2001, January 30, 2001, January 26, 2001, January 26, 2001, January 30, 2001

4. Application number(s) or Patent number(s):

() Application(s) filed herewith Execution Date(s):

(X) Patent Application No.: 09/599,071
Filing Date: June 20, 2000

() Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Sanjivpal S. Gill
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

Internal Address: Sixteenth Floor

Street Address: 620 Newport Center Drive

City: Newport Beach State: CA ZIP: 92660

Attorney's Docket No.: WESTERN.019A

7. Total fee (37 CFR 3.41): \$40

(X) Enclosed

(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Sanjivpal S. Gill
Name of Person Signing

Signature

Date

42,578
Registration No.

Total number of pages including cover sheet, attachments and document: 5

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

04/26/2001 LMUELLER 00000138 09559071

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U.S. Patent and Trademark Office
Attn: Assignment Division
Crystal Gateway-4
1213 Jefferson Davis Highway, Suite 320
Arlington, VA 22202

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041301

PATENT
REEL: 011716 FRAME: 0211

MAR 5 2001

ASSIGNMENT

WHEREAS, We, Duane Bloom, a California citizen, residing at 627 S. Amboy, Anaheim, CA 92802, Rudolph Ernst Krueger, Texas citizen, residing at 8214 Ryan Park Drive, Houston TX 77095, Bruce Norman Moore, California citizen, residing at 7 Rosy Finch Lane, Aliso Viejo, CA 92656, have invented certain new and useful improvements in a SENSOR ASSEMBLY for which we have filed an application for Letters Patent in the United States, 09/599,071, June 20, 2000;

AND WHEREAS, Western Well Tool, Inc. (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at 2946 E. Coronado Street, Anaheim, CA 92806, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 26 day of Jan, 2001

Duane T Bloom
Duane Bloom

STATE OF CALIFORNIA
COUNTY OF ORANGE } ss.

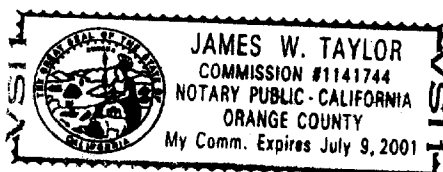
On 1/26/2001, before me, JAMES W. TAYLOR, personally appeared Duane Bloom personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in he authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

03/29/2001 TBIAZ1 00000070 09599071

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WITNESS my hand and official seal.

[SEAL]



James W. Taylor
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 26 day of Jan, 2001

Rudolph Ernst Krueger

Rudolph Ernst Krueger

STATE OF CALIFORNIA

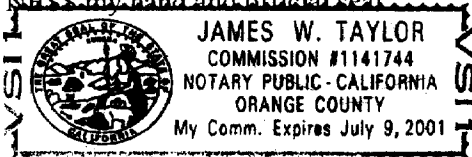
COUNTY OF ORANGE

ss.

On 1/26/2001, before me, JAMES W. TAYLOR, personally appeared Rudolph Ernst Krueger personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



James W. Taylor
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 26 day of Jan, 2001

Bruce Norman Moore
Bruce Norman Moore

STATE OF CALIFORNIA

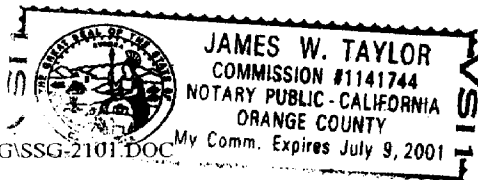
COUNTY OF ORANGE

ss.

On 1/26/2001, before me, JAMES W. TAYLOR, personally appeared Bruce Norman Moore personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



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103100

James W. Taylor
Notary Signature

ASSIGNMENT

WHEREAS, We, James W. Estep, a United States citizen, residing at 14202 Lake Scene Trail Houston, TX 77070, Kwang M. Yoo, United States citizen, residing at 13911 Cedar Point, Houston, TX 77070, have invented certain new and useful improvements in a SENSOR ASSEMBLY for which we have filed an application for Letters Patent in the United States, 09/599,071, June 20, 2000;

AND WHEREAS, Halliburton Energy Services, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 4100 Clinton Drive, Houston, TX 77020-6299, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument. We understand that ASSIGNEE will assign all of the aforementioned rights to Western Well Tool, Inc., a California Corporation having offices at 1150 N. Tustin Avenue, Anaheim, CA 92807-1735

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 30th day of January, 2001


James W. Estep

STATE OF

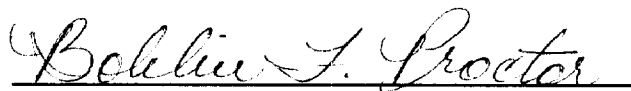
COUNTY OF

ss.

On Jan 30, 2001 before me, Bobbie F. Proctor, personally appeared James W. Estep personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]


Notary Signature