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HEET

To the Honorable Commissioner of Patents : 100900774 1 original documents or copy thereof.
Unless filed with a new application, mail to: BOX 100900774, Commissioner of Patents and Trademarks, Washington, D.C. 20231.

1. Name of conveying party(ies):
Mark W. Dykstra, James A. Norris, Christopher C. Beuershausen and Rudolf C.O. Pessier
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Baker Hughes Incorporated
Address: 3900 Essex Lane, Suite 1200
Houston, Texas 77027-5115
Additional name(s) & address(es) attached? Yes No
CERTIFICATE OF MAILING

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: October 27, 1998

I hereby certify that this paper or fee along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail (under 37 C.F.R. § 1.8(a)) on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.
November 6, 1998
Date of Deposit
Signature of registered practitioner or other person having reasonable basis to expect mailing to occur on date of deposit shown pursuant to 37 C.F.R. § 1.8(a)(1)(ii)
Joseph A. Walkowski
Typed/printed name of person whose signature is contained above

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. U.S. Patent Application No.(s)
B. U.S. Patent No.(s)
Additional numbers attached? Yes No

6. Total number of U.S. applications and U.S. patents involved:

7. Total fee (37 C.F.R. § 3.41) \$ 40.00
(\$40.00 times number in box 6)
Check no. 10681 is enclosed in this amount.

5. Name and address of party to whom correspondence concerning this document should be mailed:
Name: Joseph A. Walkowski
Trask, Britt & Rossa
P.O. Box 2550
Salt Lake City, UT 84110-2550
Attorney Docket No. 3731US (484-9715-US-CP1)

8. The Commissioner is hereby authorized to charge any deficiency or credit any overpayment to deposit account number 20-1469.

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct.
Joseph A. Walkowski
Name of Person Signing
Reg. No. 28,765
Signature
Date
November 6, 1998
Total number of pages including cover sheet, attachments and document: 5

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does hereby:

SELL, ASSIGN AND TRANSFER to Baker Hughes Incorporated ("ASSIGNEE"), a corporation of the state of Delaware having a place of business at 3900 Essex Lane, Suite 1200, Houston, Texas 77027-5115, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the Application for United States Letters Patent Serial No. filed on August 24, 1998, and entitled ROTARY DRILL BITS FOR DIRECTIONAL DRILLING EMPLOYING TANDEM GAGE PAD ARRANGEMENT WITH ACTIVE CUTTING ELEMENTS AND UP-DRILL CAPABILITY, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States;

AUTHORIZE the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which the ASSIGNEE

shall consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

AGREE and ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNORS:

Mark W. Dykstra

Mark W. Dykstra

Residing at: 3623 Oak Lake Drive, Kingwood, Texas 77339-5511

Date 10-27-98

James A. Norris

James A. Norris

Residing at: 813 E. Spruce Mesa Way, Sandy, Utah 84094

Date 10-27-98

Christopher C. Beuershausen

Christopher C. Beuershausen

Residing at: 1714 Ashton Village Dr., Spring, Texas 77386

Date 10-27-98

Rudolf C.O. Pessier

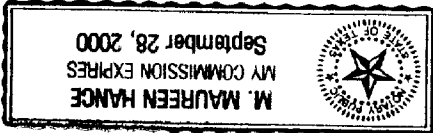
Rudolf C.O. Pessier

Residing at: 3774 Georgetown, Houston, Texas 77005

Date 10-27-98

STATE OF TEXAS)
 : ss.
COUNTY OF Montgomery)

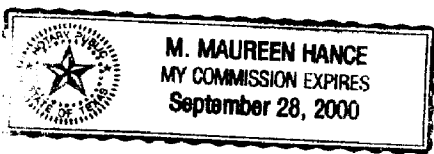
BEFORE ME, the undersigned authority, on this 31 day of October, 1998, personally appeared Mark W. Dykstra, personally known or proven by satisfactory documentary evidence to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



M. Maureen Hance
Notary or Consular Officer

~~STATE OF UTAH~~) State of Texas
 : ss.
~~COUNTY OF SALT LAKE~~) County of Montgomery

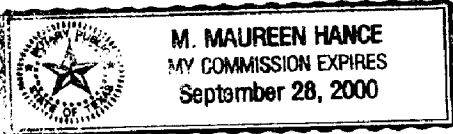
BEFORE ME, the undersigned authority, on this 31 day of October, 1998, personally appeared James A. Norris, personally known or proven by satisfactory documentary evidence to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



M. Maureen Hance
Notary or Consular Officer

STATE OF TEXAS)
COUNTY OF Montgomery) : SS.

BEFORE ME, the undersigned authority, on this 27 day of October, 1998, personally appeared Christopher C. Beuershausen, personally known or proven by satisfactory documentary evidence to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



M. Maureen Hance
Notary or Consular Officer

STATE OF TEXAS)
COUNTY OF Montgomery) : SS.

BEFORE ME, the undersigned authority, on this 27 day of October, 1998, personally appeared Rudolf C.O. Pessier, personally known or proven by satisfactory documentary evidence to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

M. Maureen Hance
Notary or Consular Officer

N:\1684\3731\Assignment.wpd



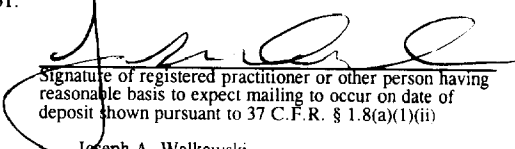
RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Unless filed with a new application, mail to: BOX ASSIGNMENT, Commissioner of Patents and Trademarks, Washington, D.C. 20231.

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Joseph A. Walkowski
Typed/printed name of person whose signature is contained above

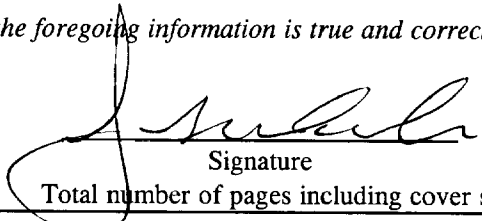
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Additional numbers attached? Yes No

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Trask, Britt & Rossa
P.O. Box 2550
Salt Lake City, UT 84110-2550
Attorney Docket No. 3731US (484-9715-US-CP1)

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Joseph A. Walkowski  November 6, 1998
Name of Person Signing Signature Date
Reg. No. 28,765
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