

04-06-1998

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U.S. Department of Commerce

Patent and Trademark Office

To the Honorable Commissioner of Patents and



100674896

al documents or copy thereof.

JC511 U.S. PTO  
09/04/98  
03/23/98

1. Name of conveying party(ies):

WILLIAM L. DEBO  
TED M. LEY  
BRIAN K. SMITH

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

Name: BAKER HUGHES INCORPORATED

Internal Address: \_\_\_\_\_

Additional name(s) of conveying parties attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Street Address: 3900 Essex Lane, #1200

City: Houston State: Texas ZIP: 77027

Execution Date: 03/17/98

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

Attorney Docket No.

B. Patent No.(s)

024-9346-US

Additional numbers attached: ☐ Yes ☒ No

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

Name: James E. Bradley  
Internal Address: Felsman, Bradley, Gunter & Dillon, LLP

Street Address: 3600 Essex, Suite 1120

City: Houston State: Texas ZIP: 77027

6. Total number of applications and patents involved

1

7. Total fee (37 CFR 1.21(h))

\$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: Baker Hughes Incorporated

02-0429

(Attach duplicate copy of this page if paying by deposit account)

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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.

James E. Bradley

Name of Person Signing

For Baker Hughes Incorporated

Signature

Date

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

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PATENT

REEL: 9053 FRAME: 0162

## PATENT APPLICATION ASSIGNMENT

Docket 024-9346-US

WHEREAS, we, WILLIAM L. DEBO, a citizen of the United States, residing at 165 Main Street, Imperial, Pennsylvania 15126, TED M. LEY, a citizen of the United States, residing at 5216 Bethany Drive, Cross Lanes, West Virginia 25313, and BRIAN K. SMITH, a citizen of the United States, residing at 2 George Drive, Apt. E, Brookville, Pennsylvania 15825, have invented new and useful improvements in a

## AIR JET EARTH-BORING BIT WITH NON-OFFSET CUTTERS

for which application is being made for Letters Patent, said application being executed by me on the date of \_\_\_\_\_, 1998 and further being identified by Attorney's Docket No. 024-9346-US.

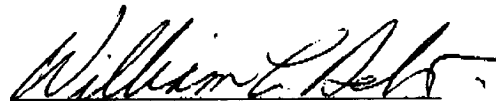
WHEREAS, BAKER HUGHES INCORPORATED, a corporation of the State of Delaware, having a correspondence address of 3900 Essex, Suite 1200, Houston, Texas 77027, is desirous of acquiring our entire right, title and interest in said application and our Letters Patent which may issue thereon.

NOW THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all my title and interest in and to said invention, patent application and any patent which may issue thereon, including all divisions, continuations, reissues, continuations-in-part and substitutions thereof, plus all priority rights for patent applications foreign to the United States of America.

We further hereby assign and transfer to said corporation whatever cause of action we may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

We HEREBY covenant and agree that we will at any time, upon the request and at the expense of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title and said invention, applications and patents, and we authorize the Commissioner of Patents and Trademarks to issue Letters Patent to said corporation.

IN TESTIMONY WHEREOF, I execute this Assignment on the 17 day of MARCH, 1998.

  
WILLIAM L. DEBO

STATE OF Pennsylvania  
COUNTY OF Allegheny

Before me personally appeared the above-identified individual and acknowledged the foregoing assignment to be his voluntary act and deed on the 17 day of January, 1998.

  
Notary Public in and for  
State of PA  
My Commission Expires: \_\_\_\_\_


Notarial Seal  
Leo T. Forbidussi, Notary Public  
Pittsburgh, Allegheny County  
My Commission Expires Nov. 27, 1998  
Member, Pennsylvania Association of Notaries

SRM  
IN TESTIMONY WHEREOF, I execute this Assignment on the 20 day of ~~January~~, 1998.  
MARCH

  
TED M. LEY

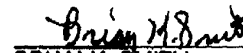
STATE OF WV  
COUNTY OF KANAWHA

Before me personally appeared the above-identified individual and acknowledged the foregoing assignment to be his voluntary act and deed on the 20 day of ~~January~~, 1998.  
MARCH SRM

  
Notary Public in and for  
State of \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_




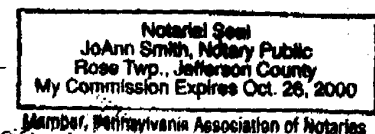
FEBRUARY  
IN TESTIMONY WHEREOF, I execute this Assignment on the 11 day of ~~January~~, 1998.

  
BRIAN K. SMITH

STATE OF Pa  
COUNTY OF Jefferson

Before me personally appeared the above-identified individual and acknowledged the foregoing assignment to be his voluntary act and deed on the 11 day of ~~January~~, 1998.  
February

  
Notary Public in and for  
State of PA  
My Commission Expires: 10-26-2000



Patent Assignment  
Page 2

PATENT

RECORDED: 03/23/1998

REEL: 9053 FRAME: 0164