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OMB No. 0651-0027 (exp. 6/30/2008)



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

12.01.07

**1. Name of conveying party(ies)**  
Volker Richert  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Baker Hughes Incorporated  
Internal Address: \_\_\_\_\_  
  
Street Address: 2929 Allen Parkway, Suite 2100  
  
City: Houston  
State: TX  
Country: US Zip: 77019-2118  
  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) 12/07/2007  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
11/952,308  
  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
  
OPR/FINANCE  
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**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: James E. Bradley  
Internal Address: \_\_\_\_\_  
  
Street Address: P.O. Box 61389  
  
City: Houston  
State: TX Zip: 77208-1389  
Phone Number: 713-221-3301  
Fax Number: 713-222-3287  
Email Address: james.bradley@bglip.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 02-0429  
Authorized User Name Baker Hughes

**9. Signature:** James E. Bradley  
Signature  
James E. Bradley  
Name of Person Signing

12/07/2007 11:52:30  
12/11/2007 MBE/TACHE 11:52:30  
Date  
Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**PATENT APPLICATION ASSIGNMENT**

DOCKET NO. 024-44901

WHEREAS, I, **Volker Richert**, a citizen of the United States, residing at Am Brunnen 30, Celle, Lower Sachsony, Germany 29229, have invented new and useful improvements in a

**IMPREGNATED BIT WITH CHANGEABLE HYDRAULIC NOZZLES**

being further identified as Serial No. 11/952,308, filed December 7, 2007, our attorney docket number 024-44901.

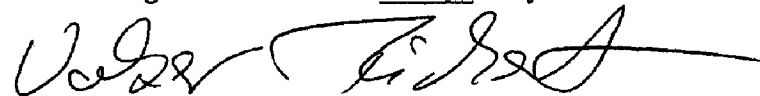
WHEREAS, **BAKER HUGHES INCORPORATED**, a corporation of the state of Delaware, having a principal place of business at 2929 Allen Parkway, Suite 2100, Houston, TX 77019-2118, is desirous of acquiring my entire right, title and interest in said application and any Letters Patent which may issue thereon.

NOW THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I 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.

I further hereby assign and transfer to said corporation whatever cause of action I 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.

I HEREBY covenant and agree that I 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 I authorize the Commissioner of Patents and Trademarks to issue Letters Patent to said corporation.

IN TESTIMONY WHEREOF, I execute this Assignment on the 7 day of  
December, 2007.



**Volker Richert**

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