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(Rev. 10/02)

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Tab settings



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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks, please forward the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

James C. Jackson  
Neil E. Peake  
Les A. Morrison  
Jorn Andre Carlsen  
Jose Rene Casarsa  
Jesse J. ConstantineAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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

Execution Date: \_\_\_\_\_

July 3, 2003  
July 3, 2003  
July 7, 2003  
July 17, 2003  
July 31, 2003  
July 23, 2003

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

Name: BAKER HUGHES INCORPORATED

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

3900 ESSEX, SUITE 1200HOUSTON, TEXAS 77027Street Address: SAME

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

## 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. Patent Application No.(s)

10/421,518Filing Date: April 23, 2003

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: William E. Schmidt

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

MADAN, MOSSMAN & SRIRAM, P.C.2603 AUGUSTA, SUITE 700

Street Address: \_\_\_\_\_

SAMECity: HOUSTON State: TX Zip: 770576. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

02-0429 (284-28403-US)

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

DO NOT USE THIS SPACE

## 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.*William E. Schmidt, Reg. No. 47,064

Name of Person Signing

Signature

August 8, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 8

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

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

08/13/2003 6TOM11 00000089 020429 10421518

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PATENT  
REEL: 014371 FRAME: 0869

## **ASSIGNMENT**

IN CONSIDERATION OF ONE (1) DOLLAR AND OTHER GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do/does hereby:

SELL, ASSIGN AND TRANSFER to **BAKER HUGHES INCORPORATED**, having a place of business at **3900 ESSEX LANE, SUITE 1200, HOUSTON, TEXAS 77027**, the entire right, title and interest for the United States and all foreign countries in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and is entitled "**System and Method for Acquiring Seismic and Micro-Seismic Data in Deviated Wellbores**", the specification of which was filed on **April 23, 2003**, receiving the Serial No. **10/421,518**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions or improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions or 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 in the United States;

AUTHORIZE AND HEREBY REQUEST the issuing authorities to issue any and all United States and foreign patents granted on such inventions or improvements to **BAKER HUGHES INCORPORATED**;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others 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 purposes of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

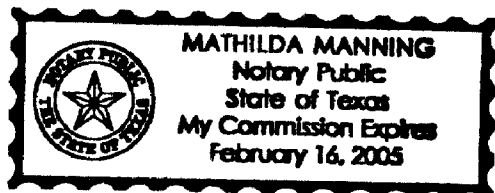
IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature.

(Signature)   
Name: **James C. Jackson**

Date 7/3/03

§  
§

BEFORE ME, the undersigned authority, on this 3rd day of July, 2003, personally appeared, **James C. Jackson**, 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.



Seal

  
Notary Public

Assignment -Page 2

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature.

(Signature)



Date

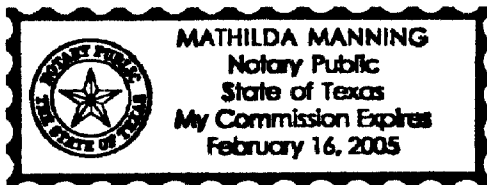
7/3/3

Name:

**Neil E. Peake**

§  
§

BEFORE ME, undersigned authority, on this 3rd day of July, 2003, personally appeared, **Neil E. Peake**, 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.



Seal

Mathilda Manning  
Notary Public

Assignment – Page 3

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature.

(Signature) *L Morrison* Date 7- JULY- 2003  
Name: **Les A. Morrison**

§  
§

BEFORE ME, undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2003, personally appeared, **Les A. Morrison**, 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.

\_\_\_\_\_  
Notary Public

Seal

Assignment -Page 4

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature.

(Signature)

Name: Jorn Andre Carlsen

Date

17/July 2003§  
§

BEFORE ME, undersigned authority, on this 17/7 day of \_\_\_\_\_, 2003, personally appeared, **Jorn Andre Carlsen**, 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.

Merete Veng  
Notary Public

Seal

Assignment – Page 5

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature.

(Signature)   
Name: **Jose Rene Casarsa**

Date 7-31-03

§  
§

BEFORE ME, undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2003, personally appeared, **Jose Rene Casarsa**, 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.

\_\_\_\_\_  
Notary Public

Seal

Assignment –Page 6

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature.

(Signature)

Name:

  
**Jesse J. Constantine**

Date

June 23, 2003

§

§

BEFORE ME, undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2003, personally appeared, **Jesse J. Constantine**, 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.

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**Notary Public**

Seal

Assignment – Page 7