

09-09-2003

1391-32501 (2002-IP-007148)

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OMB No. 0651-0027 (exp. 6/30/2005)

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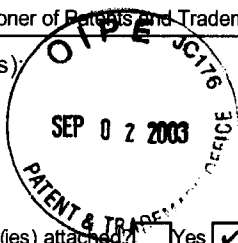


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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

A. Wei HAN
B. Jean M. BEIQUE
C. James R. BIRCHAK
D. Alan T. HEMPHILL
E. Tim WIEMERS
F. Paul F. RODNEY

2. Name and address of receiving party(ies)

Name: Halliburton Energy Services, Inc.

Internal Address: _____

Street Address: 10200 Bellaire Boulevard

City: Houston State: TX Zip: 77072

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____A. 08/18/03
B. 08/27/03
C. 08/19/03
D. 08/19/03
E. 08/15/03
F. 08/18/03

Execution Date: _____

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) 10/437,597

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Daniel J. Krueger

Internal Address: CONLEY ROSE, P.C.

Street Address: P.O. Box 3267

City: Houston State: TX Zip: 77253-3267

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

03-2769

DO NOT USE THIS SPACE

9. 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.

Daniel J. Krueger, Reg. No. 42,771

Name of Person Signing

Signature

August 29, 2003

Date

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

09/08/2003 ECMPER 0000042 032769 10437597

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40.00 BA

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

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 014454 FRAME: 0829

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by **HALLIBURTON ENERGY SERVICES, INC.**, and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Wei HAN, Jean M. BEIQUE, James R. BIRCHAK, Alan T. HEMPHILL, Timothy O. WIEMERS, and Paul F. RODNEY** ("ASSIGNOR"), having made an invention in "**ACOUSTIC DOPPLER DOWNHOLE FLUID FLOW MEASUREMENT**" while in the employ either as an employee or consultant of **HALLIBURTON ENERGY SERVICES, INC.**, a corporation organized and existing under the laws of the State of Delaware, doing business at Houston, Texas (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in "**ACOUSTIC DOPPLER DOWNHOLE FLUID FLOW MEASUREMENT**";
2. United States of America patent application on said invention, Attorney's File No. 1391-32501 executed by us concurrently herewith, entitled "**ACOUSTIC DOPPLER DOWNHOLE FLUID FLOW MEASUREMENT**";
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;
7. The right to ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection;

and I covenant that I, and my heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

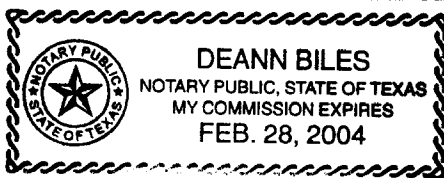
8/18/03 EXECUTED at the place and on the date indicated below, opposite my signature.
Date _____ Wei HAN _____

Place: Houston, Texas

THE STATE OF TEXAS §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared, **Wei HAN** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 18th day of August 2003.



[SEAL]

Deann Biles
Notary Public in and for
The State of TEXAS

My Commission Expires: 02-28-2004

EXECUTED at the place and on the date indicated below, opposite my signature.

Date _____ SIGNED SEPARATELY
Jean M. BEIQUE

Place: Houston, Texas

THE STATE OF TEXAS §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally **Jean M. BEIQUE**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the ____ day of ____ 2003.

Notary Public in and for
The State of TEXAS

[SEAL]

My Commission Expires: _____

EXECUTED at the place and on the date indicated below, opposite my signature.

SIGNED SEPARATELY

Date

Timothy O. WIEMERS

Place: Houston, Texas

THE STATE OF TEXAS

§

§

COUNTY OF HARRIS

§

BEFORE ME, the undersigned authority, on this day personally **Timothy O. WIEMERS**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the _____ day of _____ 2003.

Notary Public in and for
The State of TEXAS

[S E A L]

My Commission Expires: _____

EXECUTED at the place and on the date indicated below, opposite my signature.

Aug 18, 2003
Date

Paul F. Rodney
Paul F. RODNEY

Place: Houston, Texas

THE STATE OF TEXAS

§

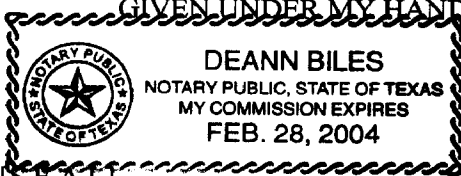
§

COUNTY OF HARRIS

§

BEFORE ME, the undersigned authority, on this day personally **Paul F. RODNEY**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 18th day of August 2003.



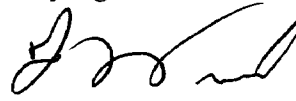
[S E A L]

Deann Biles
Notary Public in and for
The State of TEXAS

My Commission Expires: 02-28-2004

EXECUTED at the place and on the date indicated below, opposite my signature.

Aug 15, 2003
Date



Timothy O. WIEMERS

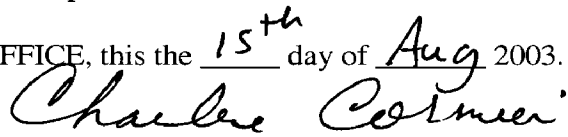
Place: Houston, Texas

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally **Timothy O. WIEMERS**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 15th day of Aug 2003.





Notary Public in and for
The State of TEXAS

My Commission Expires: 11/1/2004

EXECUTED at the place and on the date indicated below, opposite my signature.

SIGNED SEPARATELY

Date

Paul F. RODNEY

Place: Houston, Texas

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally **Paul F. RODNEY**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the _____ day of _____ 2003.

Notary Public in and for
The State of TEXAS

[S E A L]

My Commission Expires: _____

Attorney Docket No. 1391-332501
Client Docket No. 2002-IP-007148 U1

EXECUTED at the place and on the date indicated below, opposite my signature.

Date

SIGNED SEPARATELY
Wei HAN

Place: Houston, Texas

THE STATE OF TEXAS §

COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared, Wei HAN known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the ____ day of ____ 2003.

Notary Public in and for
The State of TEXAS

[S E A L]

My Commission Expires: _____

EXECUTED at the place and on the date indicated below, opposite my signature.

27 Aug 2003
Date

Jean M. Beique
Jean M. BEIQUE

Place: Houston, Texas

THE STATE OF TEXAS §

COUNTY OF HARRIS §

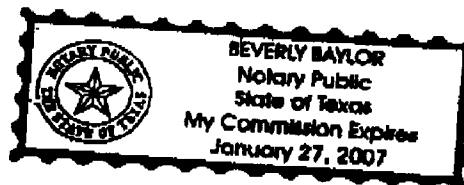
BEFORE ME, the undersigned authority, on this day personally Jean M. BEIQUE, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 27 day of August 2003.

Beverly Baylor
Notary Public in and for
The State of TEXAS

[S E A L]

My Commission Expires: 1-27-07



Page 3 of 5

101795.01/1391.32501

RECORDED: 09/02/2003

PATENT
REEL: 014454 FRAME: 0836