

4/5/5

REC

04-15-2005



Atty Ref/Docket No.: 1880.021US1

Patent and Trademark Office

102982017

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

1. Name of conveying party(ies):

Jeffrey L Moore, Vimal V. Shah, Wallace R. Gardner,
Donald G. Kyle, Malcolm Douglas McGregor, Randal
Thomas Beste, Jesse Kevin Hensarling and Sergei A
Sharonov

Additional name(s) of conveying party(ies) attached?
[] Yes [X] No

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

Name: Halliburton Energy Services, Inc.

Street Address: 10200 Bellaire Blvd

City: Houston State: TX Zip: 77072

Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance:

- [X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: February 7, 2005, February 9, 2005,
February 8, 2005, March 23, 2005, February 7, 2005,
February 7, 2005, February 7, 2005, February 7, 2005



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: February 7,
2005, February 7, 2005, February 13, 2005, March 23, 2005, February 7, 2005, February 8, 2005, February 8, 2005,
February 8, 2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

Name: Gregg A Peacock

Address:

Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

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

[X] Enclosed

[] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any over payments to our Deposit account number: 19-0743

6. Total number of applications and patents involved: 1

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.

Gregg A Peacock/Reg. No. 45,001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 10

04/14/2005 ECOOPER 00000044 11098893

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40.00 DP

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

Mail Stop Assignment Recordation Services
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 016452 FRAME: 0621

ASSIGNMENT

WHEREAS, We, Jeffrey L Moore, residing at 12850 Rich Ct., Houston, TX 77077, and Vimal V. Shah, residing at 606 Avery Dr., Sugarland, TX 77479, and Wallace R. Gardner, residing at 15414 Camino Del Sol, Houston, TX 77083, and Donald G. Kyle, residing at 4537 Crooked Ridge, The Colony, TX 75056, and Malcolm Douglas McGregor, residing at 30 Bough Leaf Place, The Woodlands, TX 77381, and Randal Thomas Beste, residing at 14702 Earlswood Dr., Houston, TX 77083, and Jesse Kevin Hensarling, residing at 1114 Crescent Blvd., Cleveland, TX 77327, and Sergei A Sharonov, residing at 1006 Rosemeadow Dr., Houston, TX 77094, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on even date herewith, which is entitled WIRELESS COMMUNICATIONS IN A DRILLING OPERATIONS ENVIRONMENT;

AND WHEREAS, Halliburton Energy Services, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 10200 Bellaire Blvd, Houston, TX 77072 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of
February, 2005.

Vimal V. Shah
Vimal V. Shah

STATE OF Texas)
)ss
COUNTY OF Harris)

On this 9th day of February, 2005 before me personally appeared Vimal V. Shah,
to me known and known to me to be the person described in and who executed the foregoing instrument,
and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set
forth.

[SEAL]



Kathleen Driscoll
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 8th day of

February, 2005.

Wallace R. Gardner

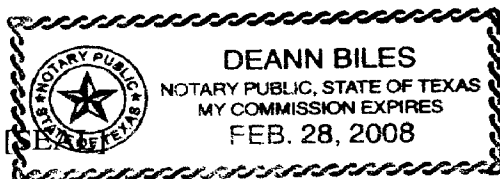
Wallace R. Gardner

STATE OF Texas)

)ss

COUNTY OF Harris)

On this 8th day of February, 2005 before me personally appeared Wallace R. Gardner, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

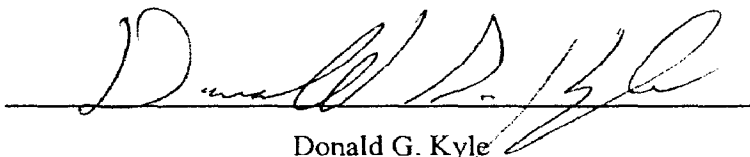


Deann Biles

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23 day of

March, 2005.

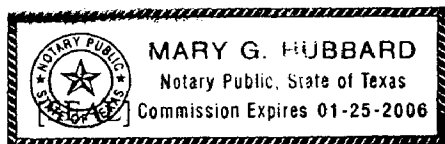

Donald G. Kyle

STATE OF Texas)

)ss

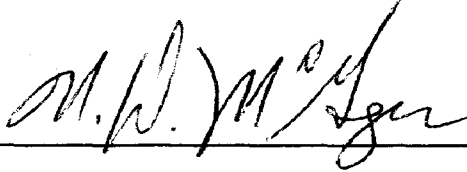
COUNTY OF Dallas)

On this 23rd day of March, 2005 before me personally appeared Donald G. Kyle, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.




Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of
February, 2005.

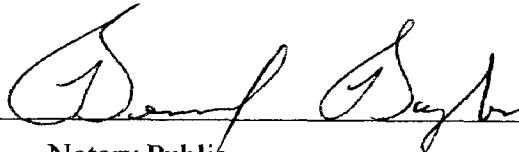
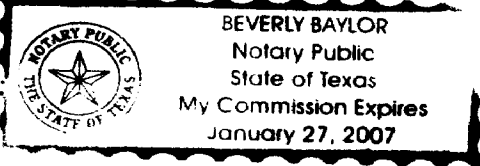


Malcolm Douglas McGregor

STATE OF Texas)
)ss
COUNTY OF HARRIS)

On this 7 day of February, 2005 before me personally appeared Malcolm Douglas McGregor, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of February, 2005.

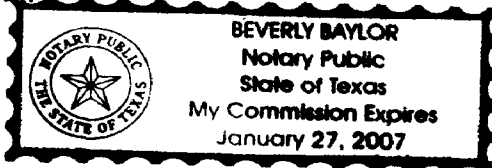
Randal T. Beste

Randal T. Beste

STATE OF Texas)
COUNTY OF Harris)ss

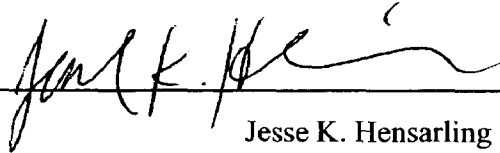
On this 7 day of February, 2005 before me personally appeared Randal T. Beste, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Beverly Baylor
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of
February, 2005.

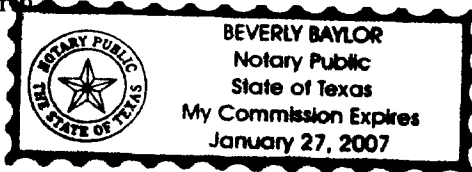


Jesse K. Hensarling

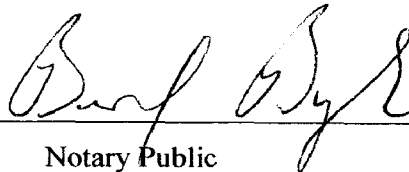
STATE OF Texas

COUNTY OF Harris)ss

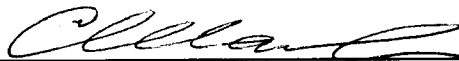
On this 7 day of February, 2005 before me personally appeared Jesse K. Hensarling, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



[SEAL]


Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of
February, 2005.

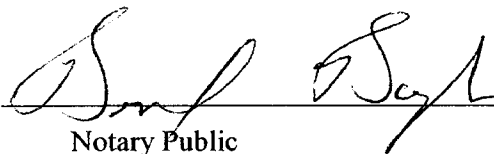
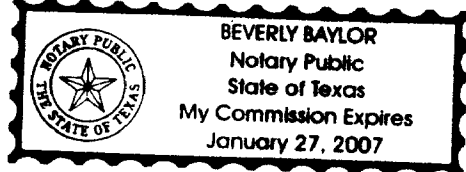


Sergei A. Sharonov

STATE OF Texas)
)ss
COUNTY OF Harris)

On this 7 day of February, 2005 before me personally appeared Sergei A. Sharonov, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]


Notary Public