

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>LYLE G. LOVE</td> <td>09/11/2009</td> </tr> <tr> <td>MICHAEL W. DOBRINSKI</td> <td>09/14/2009</td> </tr> <tr> <td>FRANK L. LEZU JR.</td> <td>09/11/2009</td> </tr> <tr> <td>JOHN R. HARRIS</td> <td>09/11/2009</td> </tr> <tr> <td>BRIAN S. BUFFINGTON</td> <td>09/11/2009</td> </tr> <tr> <td>SANFORD E. STARK</td> <td>09/11/2009</td> </tr> </tbody> </table>		Name	Execution Date	LYLE G. LOVE	09/11/2009	MICHAEL W. DOBRINSKI	09/14/2009	FRANK L. LEZU JR.	09/11/2009	JOHN R. HARRIS	09/11/2009	BRIAN S. BUFFINGTON	09/11/2009	SANFORD E. STARK	09/11/2009
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RECEIVING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>CASEDHOLE SOLUTIONS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>P. O. BOX 267</td> </tr> <tr> <td>City:</td> <td>WEATHERFORD</td> </tr> <tr> <td>State/Country:</td> <td>OKLAHOMA</td> </tr> <tr> <td>Postal Code:</td> <td>73096</td> </tr> </table>		Name:	CASEDHOLE SOLUTIONS, INC.	Street Address:	P. O. BOX 267	City:	WEATHERFORD	State/Country:	OKLAHOMA	Postal Code:	73096				
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PROPERTY NUMBERS Total: 1															
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CORRESPONDENCE DATA															
<p>Fax Number: (713)238-7163</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 713/220-3813</p> <p>Email: pat-tmk@andrewskurth.com</p> <p>Correspondent Name: BRETT T. COOKE</p> <p>Address Line 1: 600 TRAVIS, SUITE 4200</p> <p>Address Line 4: HOUSTON, TEXAS 77002</p>															
ATTORNEY DOCKET NUMBER:	CSH002NP/187955														
NAME OF SUBMITTER:	Brett T. Cooke														

CH \$40.00 12565503

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PATENT
REEL: 023275 FRAME: 0087

Total Attachments: 9

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For: ☒ U.S. and/or ☒ Foreign Rights
For: ☒ U.S. Application or
☐ U.S. Provisional Application
For: ☒ U.S. Patent
For: ☐ PCT Application
By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

Inventor(s) or person(s) or
Entity(ies) who own the invention:

Lyle G. Love
1200 Hickory
Weatherford, OK 73096

Michael W. Dobrinski
1718 Lark
Weatherford, OK 73096

Frank L. Lezu, Jr.
2112 Pine Avenue
Weatherford, OK 73096

John R. Harris
1207 Sycamore
Weatherford, OK 73096

Brian S. Buffington
2022 Pine Avenue
Weatherford, OK 73096

Sanford E. Stark
9993 N. 2430th Rd.
Weatherford, OK 73096

*(if assignment is by person or entity to whom invention was previously assigned
and this was recorded in PTO, add the following)*

Recorded on _____ Reel/Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

CASEDHOLE SOLUTIONS, INC.
P. O. Box 267
Weatherford, OK 73096

and the successors, assigns and legal representatives of the ASSIGNEE
(complete one of the following)

☒ the entire right, title and interest

☐ an undivided ____ percent (____ %)

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority, in and to any

and all improvements which are disclosed in the invention entitled:

**DOWNHOLE SEQUENTIALLY-FIRING CASING PERFORATING GUN WITH
ELECTRONICALLY-ACTUATED WIRELINE RELEASE MECHANISM, AND
ACTUATION CIRCUIT THEREFOR**

Name of inventor(s)

**Lyle G. Love
Michael W. Dobrinski
Frank L. Lezu, Jr.
John R. Harris
Brian S. Buffington
Sanford E. Stark**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) ☒ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on _____

(c) ☐ U.S. provisional application naming the above inventor(s) for the above-
entitled invention.

☐ Express Mail Label No.: _____

Mailed: _____

(d) ☐ U.S. Application _____ filed on _____

(e) ☐ International Application No. PCT/____/____

(f) ☐ U.S. Patent No. _____ issued _____

☐ a change of address to which correspondence is to be sent
regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that **ASSIGNEE** will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to **ASSIGNORS** and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **ASSIGNEE** or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal this 11 day of September, 2009.
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Signature of ASSIGNORS

Date: 9/11/09

[Signature]
Lyle G. Love

Date: 9/14/09

[Signature]
Michael W. Dobrinski

Date: 9-11-09

[Signature]
Frank L. Lezu, Jr.

Date: 9-11-09

[Signature]
John R. Harris

Date: 9-11-09

[Signature]
Brian S. Buffington

Date: 9-11-09

[Signature]
Sanford E. Stark

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the above person
authorized to sign on behalf of ASSIGNOR)

Title

NOTE No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 267. Use next page if notarization is desired.

☒ Notarization or Legalization Pages Added.

STATE OF OKLAHOMA §
 §
COUNTY OF CUSTER §

BEFORE ME, the undersigned authority, on this day personally appeared **LYLE G. LOVE** 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 11th day of September, 2009.



Angie Deviney
Notary Public in and for Custer County, OK
My Commission Expires: 10/24/2012

STATE OF OKLAHOMA §
 §
COUNTY OF CUSTER §

BEFORE ME, the undersigned authority, on this day personally appeared **MICHAEL W. DOBRINSKI** 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 14th day of September, 2009.

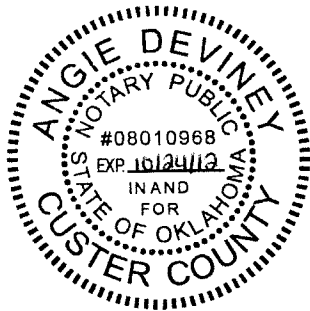


Angie Deviney
Notary Public in and for Custer County, OK
My Commission Expires: 10/24/2012

STATE OF OKLAHOMA §
 §
COUNTY OF CUSTER §

BEFORE ME, the undersigned authority, on this day personally appeared **FRANK L. LEZU, JR.** 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 11th day of September, 2009.



Angie Deviney
Notary Public in and for Custer County, OK
My Commission Expires: 10/24/2012

STATE OF OKLAHOMA §
 §
COUNTY OF CUSTER §

BEFORE ME, the undersigned authority, on this day personally appeared **JOHN R. HARRIS** 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 11th day of September, 2009.



Angie Deviney
Notary Public in and for Custer County, OK
My Commission Expires: 10/24/2012

STATE OF OKLAHOMA §
 §
COUNTY OF CUSTER §

BEFORE ME, the undersigned authority, on this day personally appeared **BRIAN S. BUFFINGTON** 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 11th day of September, 2009.



Angie Deviney
Notary Public in and for Custer County, OK
My Commission Expires: 10/24/2012

STATE OF OKLAHOMA §
 §
COUNTY OF CUSTER §

BEFORE ME, the undersigned authority, on this day personally appeared **SANFORD E. STARK** 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 11th day of September,
2009.



Angie Deviney
Notary Public in and for Custer County, OK
My Commission Expires: 10/24/2012