

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wesley Neil Ludwig</td> <td>05/03/2012</td> </tr> <tr> <td>John Hudson Hales</td> <td>04/04/2012</td> </tr> <tr> <td>Flint R. George</td> <td>04/09/2012</td> </tr> <tr> <td>Ronald E. Cherry</td> <td>05/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Wesley Neil Ludwig	05/03/2012	John Hudson Hales	04/04/2012	Flint R. George	04/09/2012	Ronald E. Cherry	05/04/2012
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<table border="1"> <tr> <td>Name:</td> <td>HALLIBURTON ENERGY SERVICES, INC.</td> </tr> <tr> <td>Street Address:</td> <td>10200 Bellaire Boulevard</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77072</td> </tr> </table>		Name:	HALLIBURTON ENERGY SERVICES, INC.	Street Address:	10200 Bellaire Boulevard	City:	Houston	State/Country:	TEXAS	Postal Code:	77072
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PROPERTY NUMBERS Total: 2											
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Application Number:	13498852										
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CORRESPONDENCE DATA											
Fax Number:	(713)238-8008										
Phone:	713-238-8000										
Email:	esisco@conleyrose.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Matthew R. Moscicki										
Address Line 1:	CONLEY ROSE, P.C.										
Address Line 2:	1001 McKinney, Suite 1800										
Address Line 4:	Houston, TEXAS 77002										
ATTORNEY DOCKET NUMBER:	1391-87301										

NAME OF SUBMITTER:

Matthew R. Moscicki

Total Attachments: 5

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## ASSIGNMENT

**FOR GOOD AND VALUABLE CONSIDERATION to me** by HALLIBURTON ENERGY SERVICES, INC., the receipt and sufficiency of which are hereby acknowledged, we, Wesley Neil LUDWIG, John Hudson HALES, Flint R. GEORGE and Ronald CHERRY, (“ASSIGNORS”), having made an invention in PIPE CONVEYED EXTENDABLE WELL LOGGING TOOL, while in the employ either as an employee or consultant of HALLIBURTON ENERGY SERVICES, INC., a Texas corporation, doing business at 10200 Bellaire Boulevard, Houston, Texas 77072, sometimes hereinafter called “ASSIGNEE”), do hereby ASSIGN, SELL and CONVEY to said HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in PIPE CONVEYED EXTENDABLE WELL LOGGING TOOL;
2. United States of America patent application on said invention Application No. 13/498,852 filed March 28, 2012, entitled PIPE CONVEYED EXTENDABLE WELL LOGGING TOOL;
3. Patent Cooperation Treaty international application on said invention, Application No. PCT/US2009/058609, filed September 28, 2009, entitled PIPE CONVEYED EXTENDABLE WELL LOGGING TOOL;
4. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
5. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
6. 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 limitation, those obtained or permissible under past, present and future laws and statutes;
7. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;

8. The right in 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
9. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our 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.

EXECUTED on the date indicated below, opposite my signature.

Date: 5-3-2012

ASSIGNOR

Wesley Neil Ludwig  
Wesley Neil Ludwig

THE STATE OF TEXAS    §  
                                      §  
COUNTY OF HARRIS    §

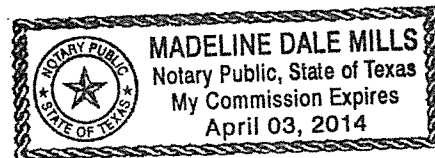
BEFORE ME, the undersigned authority, on this day personally appeared Wesley Neil Ludwig, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 3<sup>rd</sup> day of May, 2012.

[S E A L]

My Commission Expires:

Madeline Dale Mills  
Notary Public in and for  
the State of T E X A S



ASSIGNOR

Date: APRIL 4, 2012

John Hudson Hales  
John Hudson Hales

THE STATE OF OKLAHOMA §  
  §  
COUNTY OF OKLAHOMA §

BEFORE ME, the undersigned authority, on this day personally appeared John Hudson Hales, 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 4<sup>th</sup> day of April, 2012.

[S E A L]

My Commission Expires:



[Signature]

Notary Public in and for  
the State of O K L A H O M A

ASSIGNOR

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

\_\_\_\_\_  
Flint R. George

THE STATE OF TEXAS §  
  §  
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared Flint R. George, 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 \_\_\_\_\_, 2012.

[S E A L]

My Commission Expires:

\_\_\_\_\_  
Notary Public in and for  
the State of T E X A S

ASSIGNOR

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

John Hudson Hales

THE STATE OF OKLAHOMA    §  
  §  
COUNTY OF OKLAHOMA    §

BEFORE ME, the undersigned authority, on this day personally appeared John Hudson Hales, 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 \_\_\_\_\_, 2012.

[SEAL]

Notary Public in and for  
the State of O K L A H O M A

My Commission Expires:

ASSIGNOR

Date: 4/9/2012

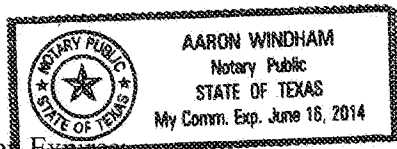
Flint R. George  
Flint R. George

THE STATE OF TEXAS    §  
  §  
COUNTY OF DENTON    §

BEFORE ME, the undersigned authority, on this day personally appeared Flint R. George, 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 9<sup>th</sup> day of April, 2012.

[SEAL]



[Signature]  
Notary Public in and for  
the State of T E X A S

My Commission Expires:

ASSIGNOR

Date: May 4, 2012

Ronald Cherry  
Ronald Cherry

THE STATE OF TEXAS    §  
                                  §  
COUNTY OF HARRIS    §

BEFORE ME, the undersigned authority, on this day personally appeared Ronald Cherry, 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 4<sup>th</sup> day of May, 2012.

[Signature]  
Notary Public in and for  
the State of TEXAS

[S E A L]

My Commission Expires: 4/2/2016

