

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3505749

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID J. RUTTLEY	08/26/2015
RECEIVING PARTY DATA	
Name:	DELTIDE ENERGY SERVICES, LLC
Street Address:	1131 PETERS ROAD
City:	HARVEY
State/Country:	LOUISIANA
Postal Code:	70058
PROPERTY NUMBERS Total: 8	
Property Type	Number
PCT Number:	US2012057734
Application Number:	61602707
PCT Number:	US2013027399
Application Number:	61681670
Application Number:	14420612
Application Number:	14348962
Application Number:	14380236
PCT Number:	US2013053770
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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ATTORNEY DOCKET NUMBER:	018898.0055
NAME OF SUBMITTER:	CHRISTOPHER S. NICHOLS
SIGNATURE:	/Christopher S. Nichols/

DATE SIGNED:	08/31/2015
Total Attachments: 3 source=Patent Assignment No. 5#page1.tif source=Patent Assignment No. 5#page2.tif source=Patent Assignment No. 5#page3.tif	

CONFIRMATORY ASSIGNMENT

This Confirmatory Assignment ("Assignment") is between David J. Ruttlely, an individual and citizen of the United States of America, having an address at 2708 Pin Oak Drive Marrero, LA 70072 ("Assignor"), and DELTIDE ENERGY SERVICES, LLC, a Delaware limited liability company, having a business office at 1131 Peters Road, Harvey, Louisiana 70058 ("Assignee").

Assignor has made, alone or with others, at least one invention, improvement or discovery described in at least the patent and patent applications listed in Exhibit A (the "Patent Property"), which is attached hereto.

Assignee desires to acquire the Patent Property.

The parties therefore agree as follows:

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby grants, assigns, and transfers to Assignee, its successors, and assigns, and Assignee hereby accepts, Assignor's entire right, title, and interest in and to the Patent Property, and improvements and discoveries described therein and to any and all other patent applications derived totally or in part from said patent application, be they provisional or non-provisional applications, divisional applications, continuation applications or continuation-in-part applications and to any and all patents, reissues, reexaminations, and extensions from any of the foregoing applications that are issued, granted, or validated by any patent office, including, but not limited to, the United States Patent and Trademark Office, any regional patent office, and/or any patent office of any country foreign to the United States and to any priority rights available from any of the foregoing and to any rights to collect past damages for infringement from any of the foregoing; and Assignor authorizes and requests the issuing authority to issue any and all patents on said application or applications to Assignee, its successors or assigns.

Assignor further agrees to execute such further papers, and perform such other proper acts as Assignee may deem necessary to secure to it the rights herein conveyed.

The parties have executed this Assignment on the date stated below.

[SIGNATURE PAGE(S) TO FOLLOW]

David J. Rutley (ASSIGNOR):

By: _____

Printed Name: David J. Rutley

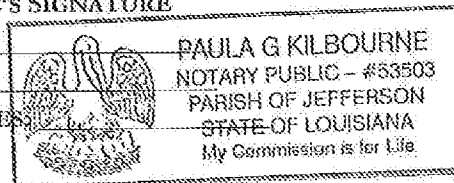
State of Louisiana

Parish of Jefferson

On this 26th day of August 2015, personally appeared before me David J. Rutley known by me to be the person named in and who executed the above instrument in my presence, and who acknowledged that he executed the same of his own free will for the purposes herein recited.

Paula G. Kilbourne
NOTARY PUBLIC'S SIGNATURE

PRINTED NAME: _____
NOTARY ID No.: _____
MY COMMISSION EXPIRES: _____



(Seal)

DELTIDE ENERGY SERVICES, LLC (ASSIGNEE):

By: _____

Printed Name: Paul T. Garcepy Jr.

Title: President & CEO

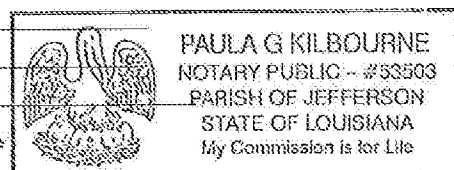
State of Louisiana

Parish of Jefferson

On this 26th day of August 2015, before me appeared Paul T. Garcepy Jr. to me personally known, who, being by me duly sworn (or affirmed) did say that he is President of DELTIDE ENERGY SERVICES, LLC, and after being informed of the contents of the foregoing instrument, he, with full authority, executed the same voluntarily for and as the act of DELTIDE ENERGY SERVICES, LLC.

Paula G. Kilbourne
NOTARY PUBLIC'S SIGNATURE

PRINTED NAME: _____
NOTARY ID No.: _____
MY COMMISSION EXPIRES: _____



(Seal)

EXHIBIT A

Patent Application No. or Patent No.	Filing Date	Title
PCT/US2012/057734	September 28, 2012	WELLBORE CASING CUTTING TOOL
14/348,962	April 1, 2014	Wellbore Casing Cutting Tool
61/602,707	February 24, 2012	Downhole Cutting Tool Having A Jetted Top Bushing
PCT/US2013/27399	February 22, 2013	DOWNHOLE CUTTING TOOL HAVING A JETTED TOP BUSHING
14/380,236	August 21, 2014	Downhole Cutting Tool Having A Jetted Top Bushing
61/681,670	August 10, 2012	Well Bore Casing Mill With Expandable Cutter Bases
PCT/US2013/53770	August 6, 2013	WELL BORE CASING MILL WITH EXPANDABLE CUTTER BASES
14/420,612	February 9, 2015	Well Bore Casing Mill With Expandable Cutter Bases