

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CRAIG KNULL	04/25/2012
RECEIVING PARTY DATA	
Name:	ULTERRA DRILLING TECHNOLOGIES, L.P.
Street Address:	420 THROCKMORTON, SUITE 1110
City:	FORT WORTH
State/Country:	TEXAS
Postal Code:	76102
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13465162
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ATTORNEY DOCKET NUMBER:	ULT005NP/192333
NAME OF SUBMITTER:	Brett T. Cooke
Total Attachments: 3 source=ULT005NP-Assignment#page1.tif source=ULT005NP-Assignment#page2.tif source=ULT005NP-Assignment#page3.tif	

CH \$40.00 13465162

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 ASSIGNORS 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:

**CRAIG KNULL**  
2447 Bowen Wynd SW  
Edmonton, AB T6W 0E8  
CANADA

**KEVIN CHRISTENSON**  
258 Porter Avenue  
Millet, Alberta T0C 1Z0  
CANADA

*(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 sell, assign and transfers to

**ASSIGNEE:**

**ULTERRA DRILLING TECHNOLOGIES, L.P.**

420 Throckmorton, Suite 1110  
Fort Worth, Texas 76102

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:

**FIXED CUTTER DRILL BIT WITH ROTATING CUTTER DISC**

Name of inventor(s)

Craig Knull  
Kevin Christenson

*(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 No. \_\_\_\_\_ 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.

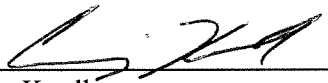
**ASSIGNORS** hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

**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 25<sup>th</sup> day of April, 2012.

Date: APRIL 25<sup>th</sup> 2012

  
\_\_\_\_\_  
Craig Knull  
Signature of ASSIGNOR

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

\_\_\_\_\_  
Kevin Christenson  
Signature of ASSIGNOR

*(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 Page Added.