

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	NATIONAL OILWELL VARCO, L.P.	02/01/2018
RECEIVING PARTY DATA		
Name:	NATIONAL OILWELL DHT, L.P.	
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City:	CONROE	
State/Country:	TEXAS	
Postal Code:	77303	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17537743
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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:	3314-42111	
NAME OF SUBMITTER:	THADDEUS J. FALESKI	
SIGNATURE:	/Thaddeus J. Faleski/	
DATE SIGNED:	11/30/2021	
Total Attachments: 3		
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ASSIGNMENT

This Assignment is made by and between **NATIONAL OILWELL VARCO, L.P.** ("ASSIGNOR"), a Delaware limited partnership doing business at 7909 Parkwood Circle Drive, Houston, Texas 77036, and **NATIONAL OILWELL DHT, L.P.** ("ASSIGNEE"), a Delaware limited partnership doing business at 500 Conroe Park West Drive, Conroe, Texas 77303.

WHEREAS, Sean Matthew DONALD, Andrew Lawrence SCOTT, Yong YANG, and Roman KVASNYTSIA invented the invention(s) disclosed in U.S. Patent Application No. 62/436,955 filed December 20, 2016 (Attorney's File No. 3314-42100), and entitled "**HIGH ENERGY AGITATOR SYSTEMS**" ("INVENTION 1"), and previously assigned their entire right, title, and interest in INVENTION 1 to ASSIGNOR;

WHEREAS, Sean Matthew DONALD, Andrew Lawrence SCOTT, and Yong YANG invented the invention(s) disclosed in U.S. Patent Application No. 62/513,760 filed June 1, 2016 (Attorney's File No. 3314-43100), and entitled "**DRILLING OSCILLATION SYSTEMS AND SHOCK TOOLS FOR SAME**" ("INVENTION 2"), and previously assigned their entire right, title, and interest in INVENTION 2 to ASSIGNEE;

WHEREAS, Sean Matthew DONALD, Andrew Lawrence SCOTT, Yong YANG, and Roman KVASNYTSIA invented the invention(s) disclosed in U.S. Patent Application No. 15/849,471 filed December 20, 2017 (Attorney's File No. 3314-42101), and entitled "**DRILLING OSCILLATION SYSTEMS AND SHOCK TOOLS FOR SAME**" and PCT Patent Application No. PCT/US17/67734 filed December 20, 2017 (Attorney's File No. 3314-42102), and entitled "**DRILLING OSCILLATION SYSTEMS AND SHOCK TOOLS FOR SAME**" ("INVENTION 3");

NOW THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION given to ASSIGNOR by ASSIGNEE, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby assign, sell, grant and convey to ASSIGNEE its successors and assigns, all right, title and interest throughout the world that ASSIGNOR presently owns in and to:

1. Said INVENTION 1;
2. Said INVENTION 3;
3. All applications for patent or like protection on INVENTION 1 and INVENTION 3 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 INVENTION 1 and/or INVENTION 3, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on INVENTION 1 and/or INVENTION 3, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of the applications and patents and like grants on INVENTION 1 and/or INVENTION 3, including without limitation, those obtained or permissible under past, present, and future laws and statutes;
6. All rights of action on account of past, present, and future unauthorized use of INVENTION 1 and/or INVENTION 3, and for infringement of the patents and like protection;
7. The right in ASSIGNEE to file in its name applications for patents and like protection for INVENTION 1 and/or INVENTION 3 in any country or countries foreign to the United States; and
8. All international rights of priority associated with INVENTION 1 and/or INVENTION 3, applications, patents, and like protection; and

ASSIGNOR covenants that its successors and assigns, 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. Further, ASSIGNOR warrants that neither INVENTION 1 nor INVENTION 3 is encumbered by another assignment or obligation of assignment to a third-party and that ASSIGNOR has the full ability and authority to assign and encumber the INVENTION 1 and INVENTION 3.

EXECUTED on the date indicated below, opposite my signature.

ASSIGNOR:

**National Oilwell Varco, L.P., by: NOW Oilfield
Services, LLC, its General Partner**

Date: 2/1/2018

By: 

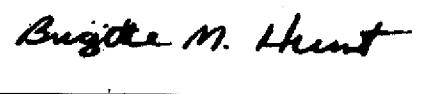
Printed Name: Carol Smith

Title: Assistant Secretary

ASSIGNEE:

**National Oilwell DHT, L.P., by: NOW
Downhole Tools, Inc., its General Partner**

Date: 2/1/2018

By: 

Printed Name: Brigitte Hunt

Title: Vice President