

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4410708

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHAKRAPANI MANDAVA	05/11/2017
ANDREW ARMSTRONG	05/11/2017
MICHAEL LOCKRIDGE	05/11/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NABORS DRILLING TECHNOLOGIES USA, INC.
<b>Street Address:</b>	515 WEST GREENS ROAD
<b>Internal Address:</b>	SUITE 1200
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77067
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15593425
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	214-651-5000
<b>Email:</b>	ipdocketing@haynesboone.com
<b>Correspondent Name:</b>	HAYNES AND BOONE, LLP IP SECTION
<b>Address Line 1:</b>	2323 VICTORY AVENUE
<b>Address Line 2:</b>	SUITE 700
<b>Address Line 4:</b>	DALLAS, TEXAS 75219
<b>ATTORNEY DOCKET NUMBER:</b>	38496.406US01
<b>NAME OF SUBMITTER:</b>	JANINE OLINARES
<b>SIGNATURE:</b>	/Janine Olinares/
<b>DATE SIGNED:</b>	05/12/2017
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, we, Chakrapani Mandava, a citizen of the India, residing at 1311 N. Jordan Cv., Houston, Texas 77055, Andrew Armstrong, a citizen of the United States of America, residing at 10200 Six Pines Dr., Apt. 435, The Woodlands, Texas 77380 and Michael Lockridge, a citizen of the United States of America, residing at 1005 Andrews St., Houston, Texas 77019 have made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled:

### METHOD AND SYSTEM FOR DETECTING AND ADDRESSING A KICK WHILE DRILLING

WHEREAS, to comply with 37 C.F.R. § 3.21 for recording this Assignment for the application for Letters Patent of the United States of America, I hereby authorize and request my attorneys, as listed on the Power of Attorney, at HAYNES AND BOONE, LLP, located at 2323 Victory Avenue, Suite 700, Dallas, TX 75219, to insert here in the parentheses below the application number and filing date of said application when it has been assigned.

(Serial Number: \_\_\_\_\_; Filing Date: \_\_\_\_\_)

AND WHEREAS, **Nabors Drilling Technologies USA, Inc.**, with its office at 515 West Greens Road, Suite 1200, Houston, TX 77067 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in, to and under said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, in exchange for good and valuable consideration to the inventor, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, his or her entire, worldwide right, title and interest in, to and under the invention, including the above United States provisional application embodying the invention or any other United States application to which priority is claimed under 35 U.S.C. § 119 and to any application to which priority is claimed, or claiming priority to the application noted above, under 35 U.S.C. § 120, including all divisions, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for the invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, the same to be held and enjoyed by the ASSIGNEE, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this sale and assignment not been made;

And the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United

States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

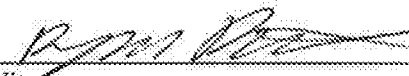
And the ASSIGNOR hereby covenants and agrees that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith;

And the ASSIGNOR hereby further covenants and agrees that he or she will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to him or her respecting said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE or, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries;

IN TESTIMONY WHEREOF, I have hereunto set my hand on this 11 day of May, 2017.

  
Chakrapani Mandava

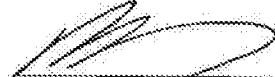
On this \_\_\_\_\_ day of \_\_\_\_\_, 2017, before me appeared Chakrapani Mandava, known to me as the person of that name, who signed the foregoing instrument, and acknowledged the same to be his/her free act and deed.

  
Witness  
Printed Name: Ryan Bett  
Dated: 5-11-2017

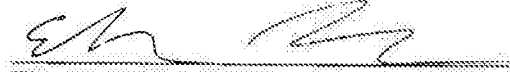
Assignment

Docket No. 3849640611501  
Customer No. 27683

IN TESTIMONY WHEREOF, I have hereunto set my hand on this 11 day of May, 2017.

  
\_\_\_\_\_  
Andrew Armstrong

On this 11 day of May, 2017, before me appeared Andrew Armstrong, known to me as the person of that name, who signed the foregoing instrument, and acknowledged the same to be his/her free act and deed.

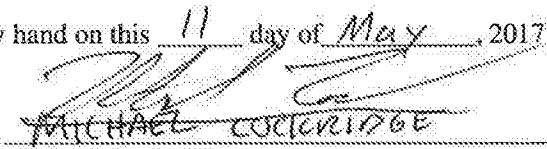
  
\_\_\_\_\_  
Witness  
Printed Name: El. Mangan  
Dated: 5/11/2017

Assignment

Docket No. 38496.406US01

Customer No. 27683

IN TESTIMONY WHEREOF, I have hereunto set my hand on this 11 day of May, 2017.

  
MICHAEL LOCKRIDGE

Michael Lockridge

On this \_\_\_\_\_ day of \_\_\_\_\_, 2017, before me appeared Michael Lockridge, known to me as the person of that name, who signed the foregoing instrument, and acknowledged the same to be his/her free act and deed.

  
Witness

Printed Name: Ryan Bait

Dated: 5-11-2017