502531703 10/14/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2577000

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE'S ADDRESS previously recorded on Reel 031250 Frame 0060. Assignor(s) hereby confirms the 7303 AUGUSTA PINES DRIVE SPRING, TEXAS 77389.

CONVEYING PARTY DATA

Name	Execution Date
PHILIP WASTERVAL	07/12/2013

RECEIVING PARTY DATA

Name:	INTERNATIONAL DRILLING EQUIPMENT COMPANY LLC	
Street Address:	7303 AUGUSTA PINES DRIVE	
City:	SPRING	
State/Country:	TEXAS	
Postal Code:	77389	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13938037

CORRESPONDENCE DATA

502531703

Fax Number: (713)228-8778 7132288600 Phone:

Email: horiuchi@oshaliang.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: JONATHAN P. OSHA Address Line 1: 909 FANNIN STREET

Address Line 2: **SUITE 3500**

Address Line 4: HOUSTON, TEXAS 77010

	PATENT
Signature:	/H. Lee Huddleston, Jr./
NAME OF SUBMITTER:	H. LEE HUDDLESTON, JR. (HMH)
ATTORNEY DOCKET NUMBER:	17575/002002 (HMH)

REEL: 031408 FRAME: 0255

PATENT

Date:	10/14/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4 source=17575_002002_assignment#page1.tif source=17575_002002_assignment#page2.tif	
source=17575_002002_Patent_Assignment#page1.tif source=17575_002002_Patent_Assignment#page2.tif	

PATENT REEL: 031408 FRAME: 0256

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Philip Wasterval	07/12/2013

RECEIVING PARTY DATA

Name:	International Drilling Equipment Company LLC	
Street Address:	18 Augusta Pines Drive	
Internal Address:	Suite 240E	
City:	Spring	
State/Country:	TEXAS	
Postal Code:	77389	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13938037

CORRESPONDENCE DATA

7132288778 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 7132288600

Email: schneider@oshaliang.com

Correspondent Name: Jonathan P. Osha Address Line 1: Two Houston Center Address Line 2: 909 Fannin, Suite 3500 Address Line 4: Houston, TEXAS 77010

ATTORNEY DOCKET NUMBER:	17575/002002
NAME OF SUBMITTER:	Jennifer Schneider
Signature:	/Jonathan P. Osha/
Date:	09/20/2013

Total Attachments: 2

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PATENT REEL: 031408 FRAME: 0257



DECLARATION AND ASSIGNMENT - WORLDWIDE

Whereas, the undersigned individual(s) (referred to herein as the "INVENTOR(S)")
has/have invented:
☐ The attached application to be filed as a United States application or PCT international
application, or
☐ United States application or PCT international application number <u>13/938,037</u>
filed on July 9, 2013; and, entitled: DRILLING RIG ASSEMBLY METHOD AND APPARATUS

Regarding that application, each of the INVENTOR(S) declares the following:

- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the INVENTOR(S) hereby assign, transfer, and set over to:

International Drilling Equipment Company LLC

having the following address:

7303 Augusta Pines Drive Spring, Texas, 77389 United States

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention described in the patent application identified above (referred to herein as "INVENTION"), together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) that may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

- 1. To sign and execute any further documents that may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- 2. To execute all papers and documents and to perform all lawful acts that may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;

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OSHA

Intellectual Property Law

 To perform all lawful affirmative acts that may be necessary to obtain the grant of valid and enforceable patents to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

in witness n	THEREOF, this Assignment	has been executed	by each of the	indersigned
individuals on the date appearing	g by such individual's signat	ore:		1/
7-12-2013	I st Inventor Signature:	- Prince also avenue		1
Date	Print or Type Name:	Philip Wasterval	***************************************	
Date	2 nd Inventor Signature: Print or Type Name:	10 100 100 100 100 100 100 100 100 100		177 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
	3 rd Inventor Signature:			
Date	Print on Type Name:	· · · · · · · · · · · · · · · · · · ·		***************************************
	4 th Inventor Signature:			
Date	Print or Type Name:			

PATENT REEL: 031408 FRAME: 0259

RECORDED: 10/14/2013