

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3907939

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HUNT ENERGY ENTERPRISES, L.L.C.	01/08/2013
RECEIVING PARTY DATA	
Name:	HUNT ADVANCED DRILLING TECHNOLOGIES, L.L.C.
Street Address:	1900 NORTH AKARD STREET
City:	DALLAS
State/Country:	TEXAS
Postal Code:	75374-1715
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15161637
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:	MTDI-33095
NAME OF SUBMITTER:	BRIAN D. WALKER
SIGNATURE:	/BRIAN D. WALKER, REG. #37751/
DATE SIGNED:	06/08/2016
Total Attachments: 2	
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Patent Assignment

Whereas, **Hunt Energy Enterprises, L.L.C.**, a Delaware limited liability company, located at 1900 North Akard Street, Dallas, Texas 75201-2300 ("ASSIGNOR"), has acquired all right, title and interest in and to the currently pending applications and issued patents listed on Exhibit A attached hereto (said applications and patents being, collectively, the "Properties");

Whereas, **Hunt Advanced Drilling Technologies, L.L.C.**, a Delaware limited liability company, located at 1900 North Akard Street, Texas 75201-2300 ("ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to the Properties and any Letters Patent that may issue thereon; and

Now, therefore, for other good and valuable consideration, ASSIGNOR, by these presents does hereby sell, assign, and transfer unto ASSIGNEE, its successors, assigns, and legal representatives the full and exclusive right to the Properties in the United States and the entire right, title, and interest in and to any and all Patents which may be granted therefor and/or therefrom in the United States, to all non-provisional applications, divisions, reissues, substitutions, continuations, continuations-in-part, and extensions of said Properties, and all rights to the recovery of back damages for infringement. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for the currently pending applications listed on Exhibit A, or patents resulting therefrom, insofar as ASSIGNOR's interests are concerned, to ASSIGNEE, of the entire right, title, and interest in and to the same, for its sole use and benefit; and for the use and benefit of its legal representatives, to the full end of the term for which said Patent(s) may be granted, as fully and entirely as the same would have been held by the ASSIGNOR had this assignment not been made.

ASSIGNOR also sells, assigns, and transfers to ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title, and interest to the inventions disclosed in said Properties throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for the inventions in the ASSIGNEE's own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of the inventions and all rights to register the inventions in appropriate registries, all foreign rights arising from pre-grant publication of the Properties, and all rights to the recovery of back damages for infringement.

ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in ASSIGNEE, its successors, assigns and legal representatives; and ASSIGNOR further agrees to communicate to ASSIGNEE, its successors, assigns and/or legal representatives, any known facts respecting any improvements, and, at the expense of ASSIGNEE, to testify in any legal proceedings and generally do everything possible to vest title in ASSIGNEE and to aid ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for the Properties in all countries.

Hunt Energy Enterprises, L.L.C.

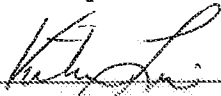
By:  *cm*
Name: Victor Liu
Title: Senior Vice President
Date: January 8, 2013

EXHIBIT A

Title	Serial No.	Filed	Pat. No.	Issued
SYSTEM AND METHOD FOR SURFACE STEERABLE DRILLING	13/334,370	Dec. 22, 2011	8,210,283	Jul. 3, 2012
SYSTEM AND METHOD FOR DETERMINING INCREMENTAL PROGRESSION BETWEEN SURVEY POINTS WHILE DRILLING	13/530,298	Jun. 22, 2012	N/A	N/A
SYSTEM AND METHOD FOR SURFACE STEERABLE DRILLING	13/535,573	Jun. 28, 2012	N/A	N/A
SYSTEM AND METHOD FOR SURFACE STEERABLE DRILLING	PCT/US2012/068785	Dec. 10, 2012	N/A	N/A
SYSTEM AND METHOD FOR DRILLING HAMMER COMMUNICATION AND FORMATION EVALUATION	61/644,701	May 9, 2012	N/A	N/A
SYSTEM AND METHOD FOR DRILLING HAMMER COMMUNICATION AND FORMATION EVALUATION USING MAGNETORHEOLOGICAL FLUID VALVE ASSEMBLY	61/693,848	Aug. 28, 2012	N/A	N/A