504800810 03/01/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOTIVE DRILLING TECHNOLOGIES, INC.	03/14/2016

RECEIVING PARTY DATA

Name:	HUNT ENERGY ENTERPRISES, L.L.C.
Street Address:	1900 NORTH AKARD STREET
City:	DALLAS
State/Country:	TEXAS
Postal Code:	75201

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15874634		

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	HADT60-33990		
NAME OF SUBMITTER:	BRIAN D. WALKER		
SIGNATURE:	/Brian D. Walker, Reg. #37751/		
DATE SIGNED:	03/01/2018		

Total Attachments: 3

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PATENT 504800810 REEL: 045082 FRAME: 0643

Patent Assignment

Whereas, Motive Drilling Technologies, Inc., a Delaware corporation, located at 1807 Ross Avenue, Suite 250, Dallas, Texas 75201 ("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 Energy Enterprises, L.L.C., a Delaware limited liability company, located at 1900 North Akard Street, Dallas, Texas 75201 ("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.

Motive Drilling Technologies, Inc.

By:

Name:

Title:

Date:

President/CEO

Patent Assignment Motive to Hunt Atty. Dkt. No. HADT-31533 .}:

EXHIBIT A

Title	Serial No.	Filed	Pat. No.	Issued
SYSTEM AND METHOD FOR DRILLING HAMMER COMMUNICATION, FORMATION EVALUATION AND DRILLING OPTIMIZATION	13/752,112	01/28/2013	8517093	03/25/2015
SYSTEM AND METHOD FOR STEERING IN A DOWNHOLE ENVIRONMENT USING VIBRATION MODULATION	14/010,259	08/26/2013	8678107	09/30/2014
SYSTEM AND METHOD FOR STEERING IN A DOWNHOLE ENVIRONMENT USING VIBRATION MODULATION	14/145,032	12/31/2013	8844649	03/3/2015
SYSTEM AND METHOD FOR STEERING IN A DOWNHOLE ENVIRONMENT USING VIBRATION MODULATION	14/467,727	08/25/2014	8967244	06/16/2015
SYSTEM AND METHOD FOR USING CONTROLLED VIBRATIONS FOR BOREHOLE COMMUNICATIONS	14/562,270	12/05/2014	9057248	06/16/2015
SYSTEM AND METHOD FOR USING CONTROLLED VIBRATIONS FOR BOREHOLE COMMUNICATIONS	14/508,849	10/07/2014	9057258	06/16/2015
SYSTEM AND METHOD FOR USING CONTROLLED VIBRATIONS FOR BOREHOLE COMMUNICATIONS	14/145,044	12/31/2013	8783342	07/22/2014
SYSTEM AND METHOD FOR CONTROLLING LINEAR MOVEMENT USING A TAPERED MR VALVE	14/921,160	10/23/2015		
SYSTEM AND METHOD FOR STEERING IN A DOWNHOLE ENVIRONMENT USING VIBRATION MODULATION	14/714,842	5/18/2015		
SYSTEM AND METHOD FOR	14/300,671	6/10/2014		

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PATENT REEL: 045082 FRAME: 0645

SPREAD SPECTRUM BASED DRILL PIPE COMMUNICATIONS			
SYSTEM AND METHOD FOR DUAL TELEMETRY ACOUSTIC NOISE REDUCTION	14/715,759	5/19/2015	

Patent Assignment Atty. Dkt. No. HADT-31533

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