# 502988998 09/24/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3035597

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
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CONVEYING PARTY D		N				
			Name		Execution Date	
ENGINEERED DRILLIN	G SOLUT	IONS INC.			09/02/2014	
RECEIVING PARTY DA	TA					
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State/Country:	CANAD	CANADA				
	1					
PROPERTY NUMBERS	Total: 3					
Property Type		Number	Number			
Patent Number:		071509				
Application Number:		3280149				
Patent Number:	7	850855				
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SIGNATURE:		/Wesley W. Whitmyer Jr.	/Wesley W. Whitmyer Jr./			
DATE SIGNED:		09/24/2014	09/24/2014			
Total Attachments: 3		1				
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### PATENT ASSIGNMENT

WHEREAS ENGINEERED DRILLING SOLUTIONS INC., a corporation having its principal place of business at 500, 630 – 8<sup>th</sup> Avenue SW, Calgary, Alberta, Canada, T2P 1G6 (hereinafter referred to as the "Assignor") is the owner of the patents and patent applications listed in Schedule A and the inventions disclosed and claimed therein (hereinafter referred to as the "Patents and Patent Applications");

AND WHEREAS HITECH FLUID SYSTEMS LTD., a corporation having its principal place of business at 950, 800 6th Avenue SW, Calgary, Alberta T2P 3G3, together with its successors and assigns (hereinafter collectively referred to as the "Assignee") is desirous of acquiring the right, title and interest in and to the Patents and Patent Applications;

NOW THEREFORE for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties hereto, the Assignor confirms that effective September 10, 2012, the Assignor sold, assigned, transferred and conveyed to the Assignee all of the Assignor's right, title and interest in and to the Patents and Patent Applications and any and all divisions, extensions, re-examinations, continuations, continuations-in-part, reissues, renewals and any Letters Patent that issue therefrom, including all priority rights arising therefrom and all inventions disclosed and claimed therein, and the right of action and the right to claim relief for infringement of the Patents and any Letters Patent that issue from the Patent Applications, the same to be held by the Assignee as fully and entirely as the same would have been held by the Assignor had this sale, assignment, transfer and conveyance not been made.

The Assignor agrees that, upon request, it will, at the sole expense of the Assignee, execute any necessary and correct legal documents required by the Assignee to formalize the assignment of the Patent to the Assignee.

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PATENT REEL: 033804 FRAME: 0453

SIGNED at CALCEMENT this 2 day of Jeps. 2018.484

ENCINE SEP DRILLING SOLUTIONS INC.

Paul Massel Director By: Title:

Signature of Witness ANNA DAVID

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PATENT REEL: 033804 FRAME: 0454

# SCHEDULE "A"

# Patents and Patent Applications

# **Glycerol Based Drilling Fluids**

- US Patent No. 8,071,509 granted December 6, 2011
- US Patent Application No. 13/280,149 filed October 24, 2011 as a divisional application of US Patent No. 8,071,509
- CA Patent Application No. 2,644,820 filed November 26, 2008

#### Methods of Utilizing Recycled Rubber

- US Patent No. 7,850,855 granted December 14, 2010
- Mexican patent No. 292,427 granted November 22, 2011
- CA Patent Application No. 2,669,487 filed November 15, 2007

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