504097088 11/15/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CARL KEITH SMITH	02/15/2013

RECEIVING PARTY DATA

Name:	TECH-STAR FLUID SYSTEMS INC.
Street Address:	625, 404 - 6 Avenue SW
City:	Calgary
State/Country:	CANADA
Postal Code:	T2P 0R9

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15348629

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	ROSEANN B. CALDWELL
SIGNATURE:	/Roseann B. Caldwell/
DATE SIGNED:	11/15/2016

Total Attachments: 2

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PATENT 504097088 REEL: 040329 FRAME: 0682

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, of which I/we acknowledge receipt,

I/we, SMITH, Carl Keith of 59 Springbank Crescent SW, Calgary, Alberta, T3H 3S6, Canada

(hereinafter "Assignor")

sells and assigns to **TECH-STAR FLUID SYSTEMS INC.** (hereinafter "Assignee") a company incorporated under the laws of Alberta, having a place of business at:

625, 404 – 6 Avenue SW, Calgary, Alberta, T2P 0R9, Canada

all right, title and interest in and to the invention entitled

"DRILLING FLUID AND METHOD FOR DRILLING IN COAL-CONTAINING FORMATIONS"

made by me/us and as described in the US application known as patent application serial No. 61/377,202 filed August 26, 2010; US application serial No. 61/417,662 filed November 29, 2010 and PCT application No. PCT/CA2011/000973 filed August 26, 2011, and any and all applications for patent and patents for the invention in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said patent application and authorize and request any official whose duty it is to issue patents, to issue any patent on said invention to said Assignee or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention in all countries.

The undersigned hereby grants Roseann B. Caldwell, (U.S. Reg. No. 37,077) of BENNETT JONES LLP, 4500 Bankers Hall East, 855 - 2nd Street SW, Calgary, Alberta, T2P 4K7, Canada power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of any Patent Office, including the United States Patent and Trademark Office, for recordation of this document.

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PATENT REEL: 040329 FRAME: 0683

((1) SIGNED AT <u>Calgary</u> , Alberta this 15 day of <u>February</u> 2013. Witness CARL KEITH SMITH
	DECLARATION
	Michelle LemnonS whose full post office address (Name of Witness)
	is 460 Sierra Marena Place Sw. Colgay A3 T3HZX2 (Address of Witness) declare:
	That I was personally present and did see, CARL KEITH SMITH , the above-noted inventor who is personally known to me to be the person named in the above assignment, duly sign and execute the same.
	Declared at Calgary, A3
	this 15 day of February 2013.

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RECORDED: 11/15/2016

PATENT REEL: 040329 FRAME: 0684