PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL JON THEMIG	11/28/2012

RECEIVING PARTY DATA

Name:	PACKERS PLUS ENERGY SERVICES INC.
Street Address:	Bow Valley Square 2, Suite 2200, 205 - 5 Avenue SW
City:	Calgary
State/Country:	CANADA
Postal Code:	T2P 2V7

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14382856

CORRESPONDENCE DATA

Fax Number: (403)265-7219

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.

Phone: 403-298-3661

Email: rajani@bennettjones.com

Correspondent Name: ROSEANN B. CALDWELL, BENNETT JONES LLP

Address Line 1: 4500 BANKERS HALL EAST

Address Line 2: 855-2ND STREET SW

Address Line 4: CALGARY, CANADA T2P 4K7

ATTORNEY DOCKET NUMBER:	45023-315
NAME OF SUBMITTER:	ROSEANN B. CALDWELL
SIGNATURE:	/Roseann B. Caldwell/
DATE SIGNED:	09/04/2014

Total Attachments: 2

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PATENT 502962052 REEL: 033667 FRAME: 0721

ASSIGNMENT

This confirms that as at the date of invention and in consideration of One Dollar and other good and valuable consideration, of which I/we acknowledge receipt,

I/we,

(1) THEMIG, Daniel Jon

(hereinafter "Assignor") whose full post office address is:

(1) 256 Woodhaven Place SW, Calgary, Alberta T2W 5P9, Canada

sells and assigns to **PACKERS PLUS ENERGY SERVICES INC.** (hereinafter "Assignee") a company incorporated under the laws of Alberta, having a place of business at:

Bow Valley Square 2, Suite 2200, 205 – 5 Ave SW, Calgary, Alberta T2P 2V7, Canada

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

"SOLID TOE CIRCULATION SUB"

made by me/us and as described in the US applications known as patent application 61/608,392, filed March 8, 2012, and any and all applications for patent and patents for the invention in any and all countries, including all national entries, divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said patent applications 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: 033667 FRAME: 0722

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./	(1) SIGNED AT <u>Calgary</u> , <u>Mbesta</u> , <u>Canada</u> this <u>28</u> day of <u>November</u> , 2012. Witness <u>DANIEL JON THEMIC</u>
	DECLARATION
	I Royoun Caldvell whose full post office address (Name of Witness) is Calgary, Alberta, Canada (Address of Witness) declare:
	That I was personally present and did see, DANIEL JON THEMIG , 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 Calaxar Alberta Cauada this 29 day of November 2012. Signature of Witness