506356473 11/16/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WARREN FOSTER PETER MACPHAIL	02/11/2014
JERRY CHIN SHAW	02/11/2014

RECEIVING PARTY DATA

Name:	DEVON CANADA CORPORATION	
Street Address:	SUITE 2000 - 400 3 AVE SW	
City:	ALBERTA, CALGARY	
State/Country:	CANADA	
Postal Code:	T2P 4H2	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17097471

CORRESPONDENCE DATA

Fax Number:

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.

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Address Line 4: KATY, TEXAS 77494

ATTORNEY DOCKET NUMBER:	NCSM-004_1
NAME OF SUBMITTER:	N. ALEXANDER NOLTE
SIGNATURE:	/N. Alexander Nolte/
DATE SIGNED:	11/16/2020

Total Attachments: 5

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PATENT 506356473 REEL: 054378 FRAME: 0422

CONFIRMATORY ASSIGNMENT

This Confirmatory Assignment is made as of 1 February 2014:

Between

WARREN FOSTER PETER MACPHAIL, whose full post office address is 25 Spirit Ridge Lane SW, Calgary, Alberta, T3H 0N4 Canada,

JERRY CHIN SHAW, whose full post office address is 364 Pinewind Rd NE, Calgary, Alberta, T1Y 3C7 Canada

(collectively, hereinafter the "Assignor")

And

DEVON CANADA CORPORATION (hereinafter the "Assignee"), a company incorporated under the laws of the Province of Alberta, Canada, having a place of business at Suite 2000 - 400 3 Ave SW, Calgary, Alberta, T2P 4H2 Canada.

In consideration of One Dollar and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the Assignor and the Assignee, and further to the Code of Conduct executed by the Assignor annually while employed by the Assignee, the Assignor hereby confirms the sale, assignment, transfer, and conveyance to the Assignee of all of the Assignor's right, title, and interest worldwide in, to and under the invention entitled

"WELL INJECTION AND PRODUCTION METHOD AND SYSTEM"

(the "Invention") made by the Assignor and as disclosed and claimed in the United States provisional patent application known as patent application serial no. 61/763,743 filed February 12th, 2013 (the "Patent"), including, without limitation, any and all:

- a) rights relating thereto that may arise at law, including rights of action resulting from prior infringement or other unauthorized use thereof;
- applications corresponding thereto, whether in the form of improvements, divisions, continuations, continuations-in-part, re-examinations, re-issues and extensions thereof;
- c) Letters Patent and like industrial property registrations (the "Registrations") that may issue, be granted or result from the Patent and the corresponding applications for the invention; and

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d) rights of priority (including the right to claim the benefit thereof) resulting from the filing of the Patent, the corresponding applications and any previously filed applications in respect of the invention under international conventions, treaties or otherwise.

the same to be held and enjoyed as fully and exclusively as the same would have been held and enjoyed by the Assignor had the sale, assignment, transfer, and conveyance referenced above not been made.

The Assignor, on behalf of itself and its assigns, heirs or other legal representatives, does hereby covenant and agree to do all such lawful acts and things, and to execute and deliver without further consideration such further lawful assignments, instruments, assurances, applications and other documents, as may reasonably be required by the Assignee, or by its successors, assigns, nominees or other legal representatives, to obtain the Letters Patent and Registrations and vest or secure the same in the Assignee, and in Assignee's successors, assigns, nominees or other legal representatives.

The Assignor does hereby authorize any official whose duty it is to grant patents or industrial property registrations, to grant the Letters Patent and Registrations to the Assignee, and to the Assignee's successors, assigns, nominees or other legal representatives.

The Assignor, on behalf of itself and its assigns, heirs or other legal representatives, does hereby authorize Sharon S. Ho, (Canadian Patent Agent Reg. No. 11657 and U.S. Patent Agent Reg. No. 65,682) of BENNETT JONES LLP, 4500 Bankers Hall East, 855 - 2nd Street SW, Calgary, Alberta, T2P 4K7, Canada, to amend the present assignment to insert or correct any identifying information of the Patent as may be needed to record the same.

The Assignee agrees to indemnify and save harmless the Assignor from and against any and all claims, suits, or demands which may be made against them by any other party relating to the invention or the Patent, including (but not restricted to) any such claim, suit or demand relating to entitlement to the invention or the Patent.

[Signature Page Follows]

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SIGNED at Calgary	Canada
signed at Calgary City or Town this 11 day of February 2014.	Country
WARR	EN FOSTER PETER MACPHAIL
Olamania and	
Dale Eresman	
Dale La Presiman	and the first of the second se
STATEMENT	BY WITNESS, whose full post office address is
(name of witness)	
742 22 Ave NW	Calgary AB Taming
	O (
MACPHAIL, the above-noted Assignor	nd did see WARREN FOSTER PETER who is personally known to me to be the duly execute same on the day and year set
	Signature of Witness
Dated at Calgary, this 1	day of February, 2014

SIGNED at Colgny	Canada
signed at Colgary City or Town this 1 day of February 2014.	Country
JERRY CHIN SHAW	
Signature:	J. Shr
1, Cerry Paters STATEMENT BY WITNESS 1, Cerry Paters , whose full post office address is (name of witness) 2000, 400-3rd Avenue Swo. Calgary, AB T2P4112	
state that I was personally present and did see JERRY CHIN SHAW, the above- noted Assignor who is personally known to me to be the person named in the above assignment, duly execute same on the day and year set forth above. Signature of Witness Dated at Calgary AR, this ILL day of Cargon R., 2014	

SIGNED at CALGARY OANADA. City or Town Country
this // day of FETSRUARLY 2014.
DEVON CANADA CORPORATION
Per:
Name: AVIEHUTCHINSON
TITLE: MANAGER, NEW VENTURES FXPLORATION
STATEMENT BY WITNESS I, AVID HILLS, whose full post office address is
(name of witness)
2000, 400 3rd Ave S.W CALEARY ABTEP 4HZ
state that I was personally present and did see who is personally known to me to be the person named as authorized representative of DEVON CANADA CORPORATION , in the above assignment, duly execute same on the day and year set forth above.
Signature of Witness
Dated at Creckey AB , this 11 day of February , 2014

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RECORDED: 11/16/2020

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