

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5801860

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	DUSTIN CLARK	10/23/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	FIRTH ENERGY SOLUTIONS, INC.	
<b>Street Address:</b>	P.O. BOX 2708	
<b>City:</b>	DRUMHELLER	
<b>State/Country:</b>	CANADA	
<b>Postal Code:</b>	T0J 0Y0	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	16444521	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<i>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.</i>		
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<b>ATTORNEY DOCKET NUMBER:</b>	11.888	
<b>NAME OF SUBMITTER:</b>	STEPHEN LEWELLYN	
<b>SIGNATURE:</b>	/Stephen Lewellyn/	
<b>DATE SIGNED:</b>	11/04/2019	
<b>Total Attachments: 2</b>		
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## **Assignment Agreement**

WHEREAS, I, Dustin Clark, of Box 2708, Drumheller, Alberta, T0J 0Y0, hereafter referred to as "Assignor," have invented certain new and useful improvements in

Systems and Methods for Storing and Extracting Natural Gas From  
Underground Formations and Generating Electricity

for which a PCT International application was filed on June 11, 2019 and assigned serial no. PCT/IB2019/054835;

AND for which a United States patent application was filed on June 18, 2019 and assigned serial no. 16/444,521;

AND for which a Canadian patent application was filed on June 27, 2019 and assigned serial no. 3,047,952.

WHEREAS, Firth Energy Solutions Inc., of Box 2708, Drumheller, Alberta, T0J 0Y0, herein referred to as "Assignee," desires to acquire the entire right, title and interest in and to the aforesaid invention throughout the world, and in, to, and under any and all Letters Patent of the United States and elsewhere therefore;

NOW, THEREFORE, in consideration of good, adequate, and valuable consideration, the receipt of which is hereby acknowledged, I, the Assignor by these presents do sell, assign, and transfer unto said Assignee the full and exclusive right, title and interest in and to said invention as described in the aforesaid application, in the United States and throughout the world, including the right to file applications under the provisions of the International Convention claiming priority of the aforesaid United States Patent Application; the right to file applications under any patent law of the United States claiming priority of the aforesaid United States Application; and the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in the United States and elsewhere upon said invention, and any divisional, continuation, continuation-in-part, substitute applications, or supplementary disclosures that may be filed in the United States and throughout the world upon said invention; and I hereby authorize and request the issuing authority to issue any and all patents on said applications to assignee.

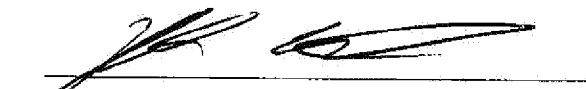
AND, as a part of said consideration, I hereby warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied with respect to the above-identified application for Letters Patent that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of this instrument by me.

I further agree without any payment by said Assignee, other than expenses incurred by the undersigned, to communicate to said Assignee, its representatives or agents, any facts relating to said invention, including evidence for interference purposes or for other

proceedings, whenever requested; and to execute and deliver on request, all lawful papers required to make any of the foregoing provisions effective, and likewise to make these provisions binding upon my heirs, legal representatives, administrators, or assigns.

I further agree, and hereby grant the Assignee and its duly authorized representatives the power to insert on this agreement any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, and any equivalent foreign office, for recordation of this document.


IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date written below next to my name.

  
Dustin Clark

Oct 23, 2019  
Date

\_\_\_\_\_)  
\_\_\_\_\_) SS.  
\_\_\_\_\_)

Before me personally appeared the above signed and acknowledged the foregoing instrument to be his free act and deed this 23 day of October, 2019.

  
\_\_\_\_\_  
Official  
WILLIAM H. STEMPE  
Barrister and Solicitor