

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
1616839 Alberta Ltd.	09/01/2011
RECEIVING PARTY DATA	
Name:	Pentagon Optimization Services Inc.
Street Address:	7700 76 Street Close
City:	Red Deer
State/Country:	CANADA
Postal Code:	T4P4G6
PROPERTY NUMBERS Total: 2	
Property Type	Number
Patent Number:	7927083
Patent Number:	7874367
CORRESPONDENCE DATA	
Fax Number:	(403)260-9700
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Monica Sharma
Address Line 1:	855 2nd Street SW, #3500
Address Line 4:	Calgary, CANADA T2P4J8
ATTORNEY DOCKET NUMBER:	86132/9
NAME OF SUBMITTER:	Monica Sharma
Total Attachments: 3 source=Pumpco Pentagon Assignment#page1.tif source=Pumpco Pentagon Assignment#page2.tif source=Pumpco Pentagon Assignment#page3.tif	

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REEL: 027170 FRAME: 0285

PATENT ASSIGNMENT (UNITED STATES)

THIS ASSIGNMENT AGREEMENT effective as of the 01 day of Sept, 2011.

WHEREAS 1616839 ALBERTA LTD., a corporation organized under the laws of the Province of Alberta having an address of 5233 - 49 Avenue, Red Deer, Alberta, T4N 6G5 (the "Assignor") owns a forty-nine percent (49%) interest in all right, title and interest in and to the inventions (the "Inventions") as set forth and described in patents identified in Schedule "A" (the "Patents") attached to and made a part of this Assignment; and

WHEREAS PENTAGON OPTIMIZATION SERVICES INC., a corporation organized under the laws of the Province of Alberta having an address of 220, 7700 - 76 Street Close, Red Deer, Alberta, T4P 4G6 (the "Assignee") has acquired from the Assignor, the Assignor's whole right, title and interest for the United States in and to the Patents and the Inventions comprised therein, and any division, continuation, reissue and extension of such Letters Patent.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of all of which is hereby acknowledged, the Assignor confirms that it has sold, assigned and transferred and does hereby sell, assign and transfer unto the Assignee, the entire and exclusive right, title and interest in and to the Patents, including all rights of action resulting from any past, present and future infringements or unauthorized use thereof, and in and to any and all applications claiming the benefit thereof, including any division, continuation, reissue and extensions of such applications, and in and to any and all Letters Patent of the United States that may be granted from such applications.


The Assignor agrees that it will, without further consideration, do all such lawful acts and execute all such documents as may be necessary or desirable to maintain any application claiming the benefit thereof, and any related division, continuation, reissue and extensions of such applications, and to vest title thereto in the Assignee, its successors, assigns and legal representatives or nominees.

The Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America whose duty it is to assign the Letters Patent to the Assignee of the entire right, title and interest in and to the same, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which the Letters Patent may be granted as fully and entirely as the same would have been held by the Assignor had this Assignment not been made.

This Assignment may be signed in as many counterparts as may be necessary, and may be signed by facsimile or other means of electronic communication producing a printed copy, each of which so signed shall be deemed to be an original, and such counterparts together shall constitute one and the same instrument and notwithstanding the date of execution shall be deemed to bear the date set forth above.


IN TESTIMONY WHEREOF, the parties have hereunto set their hands.

WITNESSED BY:

_____) **1616839 ALBERTA LTD.**
_____) 
Name _____) Authorized Signatory
_____)
Address _____) Chadwick Commings
_____) Name (*print*)
_____) President
_____) Title
_____) _____
_____) Date

This Assignment is accepted by

**PENTAGON OPTIMIZATION
SERVICES INC.**

By: 
_____) Authorized Signatory
Title: Chadwick Commings - President
Date _____

SCHEDULE A

Title	Country	Application Number	Filing date	Issue date	Patent Number
Downhole Pump	US	10/959166	October 7, 2004	April 19, 2011	7927083
Low Clearance Downhole Pump	US	12/121607	May 15, 2008	January 25, 2011	7874367

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