

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAPID DESIGN GROUP INC.	09/14/2016
RECEIVING PARTY DATA	
Name:	INTERRA ENERGY SERVICES LTD.
Street Address:	703-6TH AVENUE SW
Internal Address:	SUITE 400
City:	CALGARY, AB
State/Country:	CANADA
Postal Code:	T2P 0T9
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16201532
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	84880099 (08128-4C1)
NAME OF SUBMITTER:	ROBERT HOLTHUS, REG. NO. 50,347
SIGNATURE:	/Robert Holthus/
DATE SIGNED:	11/27/2018
Total Attachments: 4	
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INTELLECTUAL PROPERTY ASSIGNMENT

The undersigned, **RAPID DESIGN GROUP INC.**, whose full post office address is **7502 42 Street, Leduc, AB T9E 0R8, Canada**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby assign to **INTERRA ENERGY SERVICES LTD.**, having its principal place of business at Suite 400, 703 – 6th Ave. SW, Calgary, AB T2P 0T9 their successors, assigns and legal representatives, the entire right, title and interest in, to and under:

1. any and all inventions and discoveries disclosed in the Letters Patent and applications for Letters Patent, Industrial Design Registrations and applications for Industrial Design Registrations, and all improvements thereto, set out in the attached Schedule A;
2. any and all applications for Letters Patent and applications for Industrial Design Registrations, of those countries in Schedule A or any other country which have been or may be filed based either in whole or in part upon any or all of said inventions or discoveries, including all divisions, continuations, continuations-in-part, and substitutions thereof, and including all rights of priority in foreign countries under international conventions and treaties and the right to file and prosecute such applications set out in Schedule A;
3. any and all Letters Patent and Industrial Design Registrations which have been or may be granted by those countries in Schedule A or any other country based either in whole or in part upon any or all of said inventions or discoveries, including all reissues, renewals and extensions thereof as set out in the attached Schedule A; and
4. TO HAVE AND TO HOLD the same with all the rights and privileges enjoyed by the undersigned or which would have been enjoyed by the undersigned had the undersigned not made this assignment.

And the undersigned hereby authorizes and requests the Commissioner of Patents, or other proper office, to issue any and all such Letters Patent and Industrial Design Registrations to the assignees herein named. And the undersigned hereby covenants, for itself and its legal


representatives and assigns, that it neither has executed nor will execute any instrument or perform any act in conflict herewith, and that it, and its heirs, legal representatives, and assigns will at all times do such acts and execute such papers, without expense to themselves, as from time to time may be necessary or useful to apply for, secure, defend, maintain, reissue, or extend any or all of said Letters Patent and Industrial Design Registrations, to secure for said assignees the full benefits of said inventions or discoveries, or otherwise to carry into full force and effect the text and intent of this assignment.

RAPID DESIGN GROUP INC.


Name: Serhiy Arabsky
Capacity: President
Date: JAN 14, 2016

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see Serhiy Arabsky who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness 
Name of Witness VITALIY ARABSKY
Address of Witness 3204-62 st. BEAUMONT, AB
T4X 1T6

SCHEDULE A

To the September 2016 Intellectual Property Assignment

between

Rapid Design Group Inc. and

Interra Energy Services Ltd.

1. U.S. Provisional Patent Application No. 61/935,723, Pressure Activated Completion Tools and Methods of Use; filed on February 4, 2014 (now expired).
2. U.S. Provisional Patent Application No. 61/921,254, Pressure Activated Completion Tools, Burst Plugs, and Methods of Use; filed on December 27, 2013 (now expired).
3. U.S. Provisional Patent Application No. 62/078,090, Wellbore Tool with Pressure Actuated Indexing Mechanism and Method; filed on November 11, 2014 (now expired).
4. U.S. Provisional Patent Application No. 62/000,798, Method and Apparatus of Steam Injection of Hydrocarbon Wells; filed on May 20, 2014 (now expired).
5. International PCT Patent Application No. PCT/CA2015/000048, Pressure Activated Completion Tools and Methods of Use; filed on January 29, 2015.
6. International PCT Patent Application No. PCT/CA2014/000855, Pressure Activated Completion Tools, Burst Plugs, and Methods of Use; filed on December 1, 2014.
7. International PCT Patent Application No. PCT/CA2015/000061, Pressure Activated Completion and Testing Tools and Methods of Use; filed on February 4, 2015.
8. International PCT Patent Application No. PCT/CA2015/000316, Method and Apparatus of Steam Injection of Hydrocarbon Wells; filed on May 19, 2015.
9. International PCT Patent Application No. PCT/CA2015/051162, Wellbore Tool with Pressure Actuated Indexing Mechanism and Method; filed on November 10, 2015.

10. Canadian Industrial Design Application No. 164393, BURST PLUG; registered on April 22, 2016.
11. Canadian Industrial Design Application No. 164394, A STEAM DISBURSEMENT COVER, filed on September 23, 2015.
12. Canadian Industrial Design Application No. 164395, ROUND STEAM DISBURSEMENT COVER; registered on August 10, 2016.
13. Drafting File for U.S. Provisional Patent Application for DOWNHOLE OPEN/CLOSE MULTISTAGE FRACTURING SYSTEM.
14. Drafting File for U.S. Provisional Patent Application for PRESSURE ACTIVATED STORED-ENERGY COMPLETION AND TESTING TOOLS AND METHODS OF USE.
15. Canadian Patent Application No. 2,935,213, PRESSURE ACTIVATED COMPLETION TOOLS, BURST PLUGS, AND METHODS OF USE, effective filing date December 1, 2014.
16. Canadian Patent Application No. 2,938,179, PRESSURE ACTIVATED COMPLETION TOOLS AND METHODS OF USE, effective filing date January 29, 2015.
17. U.S. Patent Application No. 15/108,227, PRESSURE ACTIVATED COMPLETION TOOLS, BURST PLUGS, AND METHODS OF USE, effective filing date December 1, 2014.
18. U.S. Patent Application No. 15/115,776, PRESSURE ACTIVATED COMPLETION TOOLS AND METHODS OF USE, effective filing date January 29, 2015.