

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT2854525

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	RAYMOND HOFMAN	12/07/2010
	STEVE JACKSON	10/06/2010
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SUMMIT DOWNHOLE DYNAMICS, LTD	
<b>Street Address:</b>	7710 W HWY 80	
<b>City:</b>	MIDLAND	
<b>State/Country:</b>	TEXAS	
<b>Postal Code:</b>	79706	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	13228518
<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 via US Mail.</i>		
<b>Email:</b>	michael.barnhart@peakcompletions.com	
<b>Correspondent Name:</b>	MICHAEL K BARNHART	
<b>Address Line 1:</b>	700 LOUISIANA--49TH FLOOR	
<b>Address Line 4:</b>	HOUSTON, TEXAS 77002	
<b>ATTORNEY DOCKET NUMBER:</b>	PEAK-11002	
<b>NAME OF SUBMITTER:</b>	MICHAEL K BARNHART 54663	
<b>SIGNATURE:</b>	/sMichael K Barnhart/	
<b>DATE SIGNED:</b>	05/14/2014	
<b>Total Attachments: 3</b>		
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### PATENT ASSIGNMENT

WHEREAS, WE, Raymond Hofman, citizen of Canada, and Steve Jackson, citizen of the United States are co-inventors of the invention and identified as:

Title: Self-Orienting Fracing Sleeve and System  
Inventors: Raymond Hofman, Steve Jackson  
Application Ser. No: 61/381376

WHEREAS, Summit Downhole Dynamics, Ltd., a Texas limited partnership, ("ASSIGNEE"), is desirous of obtaining the entire right, title and interest in, to and under the same inventions and the application and patent.


NOW, THEREFORE, in consideration of the sum of \$10.00 Dollars to the ASSIGNORS in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, We, the ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the invention, the United States application and issued patent, and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; all forms of industrial property protection, including, without limitation, patents, utility models and design which may be granted for invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and any and all causes of action thereto that may have heretofore accrued in ASSIGNORS' favor;

AND WE HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on application and/or patent as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting invention, and testify in any legal proceeding, sign all lawful papers, execute all divisions, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for invention in all countries.

IN TESTIMONY WHEREOF, WE hereunto set our hands and seal this 7 day of December, 2010

  
\_\_\_\_\_  
Raymond Hofman, Inventor  
3116 Tealwood  
Midland, Texas 79705


STATE OF TEXAS                   §  
   §  
COUNTY OF \_\_\_\_\_ §

BEFORE ME, the undersigned authority, on this day personally appeared Raymond Hofman, known to me to be the person of that name, who signed the foregoing instrument, and acknowledged the same to be his free act and deed.

GIVEN under my hand and seal of office this 7 day of December, 2010.

(Notary Seal)



  
\_\_\_\_\_  
Notary Public, State of Texas  
Lolita Hanna  
Printed Name of Notary  
Commission Expires 10/05/13

\_\_\_\_\_  
STEVE JACKSON, Inventor  
2018 Quarterpath Drive  
Richmond, Texas 77049

IN TESTIMONY WHEREOF, WE hereunto set our hands and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2010

Raymond Hofman, Inventor  
3116 Tealwood  
Midland, Texas 79705

STATE OF TEXAS

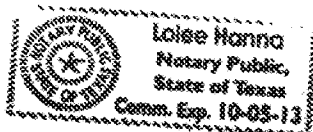
COUNTY OF \_\_\_\_\_

§  
§  
§

BEFORE ME, the undersigned authority, on this day personally appeared Raymond Hofman, known to me to be the person of that name, who signed the foregoing instrument, and acknowledged the same to be his free act and deed.

GIVEN under my hand and seal of office this 10 day of October, 2010.

(Notary Seal)



Loise Hanna  
Notary Public, State of Texas

Loise Hanna  
Printed Name of Notary  
Commission Expires 10/05/2013

Steve Jackson  
STEVE JACKSON, Inventor  
2018 Quarterpath Drive  
Richmond, Texas 77049