

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MOHAMED SARAYA	01/01/2018
HOSSAM ELBADAWY	01/01/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VERTICE OIL TOOLS
<b>Street Address:</b>	6811 PADDINGTON WAY
<b>City:</b>	SUGARLAND
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77479
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15859670
<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>	
<b>Phone:</b>	703-598-9443
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<b>Correspondent Name:</b>	PIERSON IP, PLLC
<b>Address Line 1:</b>	415 WEST 16TH ST
<b>Address Line 2:</b>	SUITE B
<b>Address Line 4:</b>	HOUSTON, TEXAS 77008
<b>ATTORNEY DOCKET NUMBER:</b>	VERTICE1060-1
<b>NAME OF SUBMITTER:</b>	GENE PIERSON
<b>SIGNATURE:</b>	/Gene Pierson/
<b>DATE SIGNED:</b>	01/01/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 2</b>	
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ASSIGNMENT

This Assignment is made by **MOHAMED SARAYA, and Hossam Elbadawy** ("Assignors"). WHEREAS, Assignors have invented a new and useful invention entitled "METHODS AND SYSTEMS FOR A FRAC SLEEVE" having been filed herewith.

WHEREAS, Assignors believe themselves to be the original inventors of the invention including any and all improvements disclosed in said application ("Invention"); and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said Invention, said application, on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application for protection ("Applications"), and any patents, invention registrations or other forms of protection ("Patents") that may be granted for said Invention from any Applications in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the Invention and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign, and transfer to **Vertice Oil Tools.**, having a principal place of business at 6811 Paddington Way, Sugarland, TX 77479 United States (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said Invention, said Applications and any Patents that may be granted for said Invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and/or their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner for Patents of the United States and of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, re-

examination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment on the dates provided below.

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Name of Inventor:	<b>MOHAMED SARAYA</b>
Signature:	<b>/ MOHAMED SARAYA /</b>
Date:	<b><u>1-1-2018</u></b>

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Name of Inventor:	<b>Hossam Elbadawy</b>
Signature:	<b>/ Hossam Elbadawy /</b>
Date:	<b><u>1-1-2018</u></b>