

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5973366

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALEXEI ALEXANDROVICH SAVITSKI	01/21/2020
PHILLIP SCOTT FAIR	01/20/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SHELL OIL COMPANY
<b>Street Address:</b>	P.O. BOX 576
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77001-0576
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16474186
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(832)337-4307
<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>	8327622966
<b>Email:</b>	USPatents@Shell.com
<b>Correspondent Name:</b>	SHELL OIL COMPANY
<b>Address Line 1:</b>	P.O. BOX 576
<b>Address Line 4:</b>	HOUSTON, TEXAS 77001-0576
<b>ATTORNEY DOCKET NUMBER:</b>	SP1891-US-PCT
<b>NAME OF SUBMITTER:</b>	SEJAL R. GOSALIA
<b>SIGNATURE:</b>	/Sejal R. GOSALIA/
<b>DATE SIGNED:</b>	02/20/2020
<b>Total Attachments: 2</b>	
source=SP1891-US-PCT-Assignments-SIGNED#page1.tif	
source=SP1891-US-PCT-Assignments-SIGNED#page2.tif	

ASSIGNMENT

WHEREAS, I/we, Alexei Alexandrovich SAVITSKI and Phillip Scott FAIR, have made a certain improvement in FRACTURING A FORMATION WITH MORTAR SLURRY for which application papers for United States Patent thereon, identified as SP1891-US-PCT, have been executed by us, and,

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said SHELL OIL COMPANY, its successors and assigns, all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of SHELL OIL COMPANY or whomsoever that company may nominate, and to claim the priority of the above-named United States application under the International Convention of Paris of 1883.

With respect to any country where for the filing of such an application and/or the transfer of priority rights a separate deed of sale, assignment or transfer is required, we will undertake at the request of SHELL OIL COMPANY to execute such separate deed to SHELL OIL COMPANY or to whomsoever that company may nominate.

And we hereby agree that we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned United States applications or any foreign application on this invention.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to SHELL OIL COMPANY.

IN TESTIMONY WHEREOF, we have hereunto subscribed our names.

Witnesses:

Alexei Alexandrovich SAVITSKI

21/1/2020  
Date

Phillip Scott FAIR

Date

DMITRIY SILIN  
(Witness)

Robert Dambrowski  
(Witness) Robert Dambrowski

(Witness)

(Witness)

ASSIGNMENT

WHEREAS, I/we, Alexei Alexandrovich SAVITSKI and Phillip Scott FAIR, have made a certain improvement in FRACTURING A FORMATION WITH MORTAR SLURRY for which application papers for United States Patent thereon, identified as SP1891-US-PCT, have been executed by us, and,

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said SHELL OIL COMPANY, its successors and assigns, all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of SHELL OIL COMPANY or whomsoever that company may nominate, and to claim the priority of the above-named United States application under the International Convention of Paris of 1883.

With respect to any country where for the filing of such an application and/or the transfer of priority rights a separate deed of sale, assignment or transfer is required, we will undertake at the request of SHELL OIL COMPANY to execute such separate deed to SHELL OIL COMPANY or to whomsoever that company may nominate.

And we hereby agree that we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned United States applications or any foreign application on this invention.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to SHELL OIL COMPANY.

IN TESTIMONY WHEREOF, we have hereunto subscribed our names.

Witnesses:

\_\_\_\_\_  
Alexei Alexandrovich SAVITSKI

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
Date

\_\_\_\_\_  
(Witness)

Phillip Scott FAIR  
Phillip Scott FAIR

LAN ZHANG  
(Witness)

20 January 2020  
Date

DMITRIY SILIN  
(Witness)