

## 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>
BRIAN SEYMOUR-LOYA	03/03/2020
AARON SANDERS	03/04/2020
DAWN FRIESEN	03/03/2020
GREGORY P. DADO	03/11/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	STEPAN COMPANY
<b>Street Address:</b>	22 WEST FRONTAGE ROAD
<b>City:</b>	NORTHFIELD
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60093
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16798964
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<b>ATTORNEY DOCKET NUMBER:</b>	102-458US
<b>NAME OF SUBMITTER:</b>	JESSICA K. BUTCHKO, PARALEGAL
<b>SIGNATURE:</b>	/Jessica K. Butchko, Paralegal/
<b>DATE SIGNED:</b>	03/17/2020
<b>Total Attachments: 2</b>	
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**ASSIGNMENT OF INVENTION**

**WHEREAS**, We, Brian SEYMOUR-LOYA, Aaron SANDERS, Dawn FRIESEN, and Gregory P. DADO (collectively, the "Assignor"), have made an invention entitled,

**FRICTION REDUCER FOR HYDRAULIC FRACTURING**

filed as US Patent Application No. 16/798,964 on February 24, 2020.

**WHEREAS**, STEPAN COMPANY, having an address at 22 W. Frontage Road, Northfield, IL 60093 (the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, including any tangible materials embodied in or encompassed by the invention, and any improvements thereon, (the "Invention") and in and to applications for Letters Patent thereon in the United States, its territories and possessions ("United States") and all foreign countries, including rights to claim priority, to any provisional applications, and in and to any Letters Patent of the United States or any foreign country which may be granted therefor, including any and all reissues, divisions, continuations, continuations-in-part, renewals, substitutes or extensions thereof (the "Rights");

**NOW, THEREFORE**, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, Assignor has sold, assigned, transferred and conveyed, and does hereby sell, assign, transfer and convey to Assignee, its successors and assigns, the entire right, title and interest in and to the aforesaid Invention and Rights. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignor if this sale and assignment had not been made;

**AND** Assignor hereby authorizes and requests the appropriate governmental officials to issue any and all such United States or foreign Letters Patent under said invention, or resulting from any of said applications thereof, to the Assignee, as the assignee of the entire right, title and interest in and to the same;

**AND** Assignor hereby represents, warrants and covenants that Assignor has the full right to convey the entire interest herein assigned, that Assignor has not executed and will not execute any instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

**AND** Assignor further covenants and agrees that Assignor will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, powers of attorney, assignments, and other documents, and do all lawful acts and things, which, in the

opinion of counsel for said Assignee, its successors and assigns, may in any country be required or necessary more effectively to secure to and vest in said Assignee, its successors and assigns the entire right, title and interest in and to said Invention and Rights hereby sold, assigned, transferred and conveyed, and that Assignor will sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension of said application for Letters Patent or any resulting Letters Patent;

AND Assignor further covenants and agrees that Assignor will at any time upon request communicate to the Assignee, its successors, assigns or other legal representatives any facts relating to the aforesaid invention known to Assignor, and will testify as to the same in any interference, litigation, mediation, arbitration or other proceeding when requested to do so.

In witness whereof, executed by the undersigned on the dates below.

Assignor:

Brian Seymour-Loya  
Brian SEYMOUR-LOYA

Date: 3/3/2020

Aaron Sanders  
Aaron SANDERS

Date: 3/4/2020

Dawn Friesen  
Dawn FRIESEN

Date: 2020/03/03

Gregory P. Dado  
Gregory P. DADO

Date: 3/11/2020

Assignee:

STEPAN COMPANY

By: David G. Kabbes  
(signature)

Name: David G. Kabbes

Title: VP, General Counsel and Secretary

Date: 03/16/2020