505891425 01/30/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AARON SANDERS	01/29/2020
GREGORY P. DADO	01/27/2020
BRIAN HOLLAND	01/27/2020
XUE MIN DONG	01/27/2020
E. CAROLINA ROJAS	01/27/2020

RECEIVING PARTY DATA

Name:	STEPAN COMPANY
Street Address:	22 WEST FRONTAGE ROAD
City:	NORTHFIELD
State/Country:	ILLINOIS
Postal Code:	60093

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15503293	

CORRESPONDENCE DATA

Fax Number: (203)220-8497

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.

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Email: dilworthip@dilworthip.com

Correspondent Name: DILWORTH IP LLC
Address Line 1: 2 CORPORATE DRIVE

Address Line 4: TRUMBULL, CONNECTICUT 06611

ATTORNEY DOCKET NUMBER:	102-341US	
NAME OF SUBMITTER:	JESSICA K. BUTCHKO, PARALEGAL	
SIGNATURE:	/Jessica K. Butchko, Paralegal/	
DATE SIGNED:	01/30/2020	

Total Attachments: 3

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PATENT REEL: 051673 FRAME: 0676

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PATENT REEL: 051673 FRAME: 0677

ASSIGNMENT OF INVENTION

WHEREAS, We, Aaron SANDERS, Gregory P. DADO, Brian HOLLAND, Xue Min DONG, E. Carolina ROJAS (the "Assignors"), have made an invention entitled

STEAM FOAM METHODS FOR STEAM-ASSISTED GRAVITY DRAINAGE

filed as US Patent Application No. 15/503,293 on February 10, 2017, as the national phase of PCT/US2015/043051 filed on July 31, 2015 claiming priority to Provisional Patent Application No. 62/040,986 filed August 22, 2014.

WHEREAS, STEPAN COMPANY, a Delaware corporation, having an address at 22 West 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, divisionals, 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, Assignors have sold, assigned, transferred and conveyed, and do 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 Assignors if this sale and assignment had not been made;

AND Assignors hereby authorize and request 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 therefor, to the Assignee, as the assignee of the entire right, title and interest in and to the same;

AND Assignors hereby represent, warrant and covenant that they have the full right to convey the entire interest herein assigned, that they have 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;

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AND Assignors further covenant and agree that Assignors 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 Assignors will sign any applications for reissue, divisional, continuation, continuation-in-part, renewal, substitute or extension of said application for Letters Patent or any resulting Letters Patent;

AND Assignors further covenant and agree that Assignors 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 them, and will testify as to the same in any post grant proceeding, litigation, mediation, arbitration or other proceeding when requested to do so.

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

Accianare.

	Date:	1/29/2020,2020
Aaron SANDERS		······
Gregory P. DADO	Date: _	, 2020
	Date: _	, 2020
Brian HOLLAND		
Xue Min DONG	Date: _	, 2020
yac Min Dorro		
E. Carolina ROJAS	Date: _	, 2020
Assignee: STEPAN COMPANY		
By: Sal Carl		
Name: David G. Kabbes		
Title: Vice President, General Counsel & Secre	etary	
Date: 30 January ,2020		

AND Assignors further covenant and agree that Assignors 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 Assignors will sign any applications for reissue, divisional, continuation, continuation-in-part, renewal, substitute or extension of said application for Letters Patent or any resulting Letters Patent;

AND Assignors further covenant and agree that Assignors 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 them, and will testify as to the same in any post grant proceeding, litigation, mediation, arbitration or other proceeding when requested to do so.

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

Assignors: