PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5929983

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE FIRST NAMED INVENTOR previously recorded on Reel 045361 Frame 0672. Assignor(s) hereby confirms the ASSIGNMENT OF THE ASSIGNORS INTEREST.

CONVEYING PARTY DATA

Name	Execution Date
E. CAROLINA ROJAS	03/01/2018
XUE MIN DONG	03/01/2018
AARON SANDERS	02/26/2018
GREGORY P. DADO	03/01/2018

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:	15750026

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.

Phone: 2032208496

Email: dilworthip@dilworthip.com

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

Address Line 4: TRUMBULL, CONNECTICUT 06611

ATTORNEY DOCKET NUMBER:	102-372US
NAME OF SUBMITTER:	JESSICA K. BUTCHKO, PARALEGAL
SIGNATURE:	/Jessica K. Butchko, Paralegal/
DATE SIGNED:	01/27/2020

Total Attachments: 5

source=102-372US_EXECUTED_Corrective Assignment_ROJAS#page1.tif

PATENT REEL: 051708 FRAME: 0336

505883158

source=102-372US_EXECUTED_Corrective Assignment_ROJAS#page2.tif
source=102-372US_EXECUTED_Corrective Assignment_ROJAS#page3.tif
source=102-372US_EXECUTED_Corrective Assignment_ROJAS#page4.tif
source=102-372US_EXECUTED_Corrective Assignment_ROJAS#page5.tif

PATENT REEL: 051708 FRAME: 0337

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4885397

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CAROLINA-E: ROJAS E. CAROLINA ROJAS	03/01/2018
XUE MIN DONG	03/01/2018
AARON SANDERS	02/26/2018
GREGORY P. DADO	03/01/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

-	Property Type	Number
-	PCT Number:	US2016044378

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.

Phone: 2032208496

Email: dilworthip@dilworthip.com

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

Address Line 2: SUITE 206

TRUMBULL, CONNECTICUT 06611 Address Line 4:

ATTORNEY DOCKET NUMBER:	102-372PCT
NAME OF SUBMITTER:	ANN MARIE POREMBA
SIGNATURE:	/Ann Marie Poremba/
DATE SIGNED:	03/27/2018

Total Attachments: 3

source=102-372PCT_EXECUTED_Assignment#page1.tif source=102-372PCT EXECUTED Assignment#page2.tif

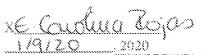
PATENT

REEL: 04569 TERAME: 0672

source=102-372PCT_EXECUTED_Assignment#page3.tif

PATENT

REEL: 045**661 ERA**ME: 0673



ASSIGNMENT OF INVENTION

E. Carolina ROJAS

WHEREAS, We, CAROLINA E. ROJAS, XUE MIN DONG, AARON SANDERS and GREGORY P. DADO (the "Assignors"), have made an invention entitled

MIXED DIMERS FROM ALPHA-OLEFIN SULFONIC ACIDS

filed as PCT International Application No. PCT/US2016/044378 on July 28, 2016, which claims priority from US Provisional Patent Application No. 62/200,986 filed on August 4, 2015.

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, 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, Assignors have sold, assigned, transferred and conveyed, and do hereby scll, 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 thereof, 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;

Page 1 of 2

PATENT REEL: 045**pg1_TER/4**ME: 0674

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, division, 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 interference, litigation, mediation, arbitration or other proceeding when requested to do so.

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

Assignors:	
Carolina Pajas 6	Date: <u>03-01-18</u>
Carolina E. Rojas E. Carolina ROJAS	
	Date: 3/1/20/8
Xue Min Dong	
	Date:
Aaron Sanders	
Mr NDn	Date: 03/01/18
	Date.
Assignee:	
CATTON AND CONSTRAINED	
SIEPAN COMPANI	
Ву:	900¢.
Name lennifer A. Hale	
Title: Vice President General Counsel & Secret	ary
Date: 3/20/2018	s.
	Carolina E. Rojas E. Carolina ROJAS Xue Min Dong Aaron Sanders Gregory P. Dado Assignee: STEPAN COMPANY By: Name: Jennifer A. Hale Title: Vice President General Counsel & Secret

Page 2 of 2

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, division, 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 interference, litigation, mediation, arbitration or other proceeding when requested to do so.

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

	Date:	-
Carolina E. Rojas		********
	Date:	
Xue Min Dong		
	Date: 2/26/18	
Aaron Sanders		
	Date:	
Gregord P. Dado		
Assignee:		
STEPAN COMPANY		
Ву;		
Name:		
Tide:		

Page 2 of 2

PATENT

REEL: 04576/11/11/11/11/11/11