

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM456497

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Monroe Capital Management Advisors, LLC, as Administrative Agent		07/07/2017	Limited Liability Company: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	O'Brien Industrial Holdings, LLC		
<b>Street Address:</b>	4641 McRee Avenue		
<b>Internal Address:</b>	Attention: Jim Spellmeyer		
<b>City:</b>	St. Louis		
<b>State/Country:</b>	MISSOURI		
<b>Postal Code:</b>	63110		
<b>Entity Type:</b>	Limited Liability Company: MISSOURI		
<b>Name:</b>	The Christy Refractories Company, L.L.C.		
<b>Street Address:</b>	4641 McRee Avenue		
<b>Internal Address:</b>	Attention: Jim Spellmeyer		
<b>City:</b>	St. Louis		
<b>State/Country:</b>	MISSOURI		
<b>Postal Code:</b>	63110		
<b>Entity Type:</b>	Limited Liability Company: MISSOURI		
<b>Name:</b>	Christy Industrial Services Co., LLC		
<b>Street Address:</b>	4641 McRee Avenue		
<b>Internal Address:</b>	Attention: Jim Spellmeyer		
<b>City:</b>	St. Louis		
<b>State/Country:</b>	MISSOURI		
<b>Postal Code:</b>	63110		
<b>Entity Type:</b>	Limited Liability Company: MISSOURI		
<b>Name:</b>	Christy Catalytics, LLC		
<b>Street Address:</b>	4641 McRee Avenue		
<b>Internal Address:</b>	Attention: Jim Spellmeyer		
<b>City:</b>	St. Louis		
<b>State/Country:</b>	MISSOURI		
<b>Postal Code:</b>	63110		

TRADEMARK

<b>Entity Type:</b>	Limited Liability Company: MISSOURI
<b>Name:</b>	Christy Minerals, LLC
<b>Street Address:</b>	4641 McRee Avenue
<b>Internal Address:</b>	Attention: Jim Spellmeyer
<b>City:</b>	St. Louis
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63110
<b>Entity Type:</b>	Limited Liability Company: MISSOURI
<b>Name:</b>	O'Brien Asset Management, LLC
<b>Street Address:</b>	4641 McRee Avenue
<b>Internal Address:</b>	Attention: Jim Spellmeyer
<b>City:</b>	St. Louis
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63110
<b>Entity Type:</b>	Limited Liability Company: MISSOURI
<b>Name:</b>	Shamrock Proppants, LLC
<b>Street Address:</b>	4641 McRee Avenue
<b>Internal Address:</b>	Attention: Jim Spellmeyer
<b>City:</b>	St. Louis
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63110
<b>Entity Type:</b>	Limited Liability Company: MISSOURI
<b>Name:</b>	Shamrock Group, LLC
<b>Street Address:</b>	4641 McRee Avenue
<b>Internal Address:</b>	Attention: Jim Spellmeyer
<b>City:</b>	St. Louis
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63110
<b>Entity Type:</b>	Limited Liability Company: MISSOURI
<b>Name:</b>	Shamrock Assets LLC
<b>Street Address:</b>	4641 McRee Avenue
<b>Internal Address:</b>	Attention: Jim Spellmeyer
<b>City:</b>	St. Louis
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63110
<b>Entity Type:</b>	Limited Liability Company: MISSOURI

**PROPERTY NUMBERS Total: 11**

Property Type	Number	Word Mark
Serial Number:	72065995	PROX-SVERS
Serial Number:	74555134	STKO
Serial Number:	76156024	CHRISTY
Serial Number:	76156358	FILPOT
Serial Number:	76156051	CHRISTY
Serial Number:	76156066	CHRISTY
Serial Number:	76155875	VIBRA-SEAL
Serial Number:	76156065	CER-WEAR
Serial Number:	76156023	SEAL-CAST
Serial Number:	76156114	CHRISTY
Serial Number:	78496386	HAWTHORN BOND

**CORRESPONDENCE DATA**

Fax Number: 3146673633

*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: 314.552.6077

Email: ipdocket@thompsoncoburn.com

Correspondent Name: Shoko Naruo

Address Line 1: Thompson Coburn LLP

Address Line 2: One US Bank Plaza

Address Line 4: St. Louis, MISSOURI 63101

<b>ATTORNEY DOCKET NUMBER:</b>	49094-166537
<b>NAME OF SUBMITTER:</b>	Shoko Naruo
<b>SIGNATURE:</b>	/sn/
<b>DATE SIGNED:</b>	01/02/2018

**Total Attachments: 5**

source=Release of Security Interest in Intellectual Property#page1.tif  
source=Release of Security Interest in Intellectual Property#page2.tif  
source=Release of Security Interest in Intellectual Property#page3.tif  
source=Release of Security Interest in Intellectual Property#page4.tif  
source=Release of Security Interest in Intellectual Property#page5.tif

## **RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY**

**THIS RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY** (this "Release") is made as of July 7, 2017 ("Effective Date") by Monroe Capital Management Advisors, LLC, as administrative agent ("Grantee") for itself and all of the other financial institutions party to the Credit Agreement identified below ("Lenders"), in favor of (i) O'Brien Industrial Holdings, LLC ("Holdings"), (ii) The Christy Refractories Company, L.L.C. ("Christy Refractories"), (iii) Christy Industrial Services Co., LLC ("Christy Industrial Services"), (iv) Christy Catalytics, LLC ("Christy Catalytics"), (v) Christy Minerals, LLC ("Christy Minerals"), (vi) O'Brien Asset Management, LLC ("O'Brien Asset Management"), (vii) Shamrock Proppants, LLC ("Shamrock Proppants"), (viii) Shamrock Group, LLC ("Shamrock Group"), and (ix) Shamrock Assets LLC ("Shamrock Assets"), each a Missouri limited liability company (individually and collectively, "Grantor").

**WHEREAS**, pursuant to the terms and conditions of that certain Intellectual Property Security Agreement by and between Grantor, in favor of Grantee and dated May 13, 2014 (as amended, restated, supplemented or modified from time to time, the "IP Security Agreement"), Grantor granted to Grantee a continuing security interest in and to all of Grantor's right, title and interest in and to the Intellectual Property (as defined in the IP Security Agreement), including but not limited to the Intellectual Property set forth on Schedule A attached hereto;

**WHEREAS**, Grantor and Grantee entered into the IP Security Agreement pursuant to the terms and conditions of that certain Credit Agreement dated May 13, 2014 (as amended, restated, supplemented or modified from time to time, the "Credit Agreement"), by and among Grantor, as borrower, the Lenders, and Grantee, as administrative agent and as servicing agent;

**WHEREAS**, the IP Security Agreement was recorded with the United States Patent and Trademark Office ("PTO") on May 15, 2014, at Reel 032902, Frame 0243, with respect to any and all patent and patent applications, including but not limited to those more fully described on Schedule A attached hereto;

**WHEREAS**, the IP Security Agreement was recorded with the United States Patent and Trademark Office ("PTO") on May 15, 2014, at Reel 5280, Frame 0626, with respect to any and all trademarks and trademark applications, including but not limited to those more fully described on Schedule A attached hereto; and

**WHEREAS**, Grantor has paid and satisfied in full all obligations, liabilities or indebtedness owing to Grantee.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantee hereby terminates the IP Security Agreement, and hereby terminates, cancels and releases any and all security interests, liens, right and title it has against or in the Intellectual Property, including but not limited to the Intellectual Property more fully described on Schedule A attached hereto.

Grantee represents and warrants that: (i) it has the full power and authority to execute this Release; and (ii) it has not assigned, transferred, restricted or otherwise encumbered any

interest, right or title it has against the Intellectual Property, including but not limited to the Intellectual Property more fully described on Schedule A attached hereto.

Grantee shall, at Grantors' expense, take all further actions, and provide to Grantor, its successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by Grantor to more fully and effectively effectuate the purposes of this Release.

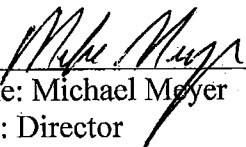
This Release may be executed in any number of counterparts, each of which shall be an original, and such counterparts together shall constitute one and the same instrument. A signature hereto sent or delivered by facsimile or other electronic transmission shall be as legally binding and enforceable as a signed original for all purposes.

**[Signature Pages Follow]**

**IN WITNESS WHEREOF**, Grantee has caused this Release to be executed by its duly authorized representative as of the Effective Date.

**GRANTEE:**

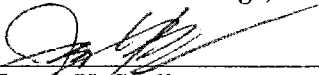
**MONROE CAPITAL MANAGEMENT  
ADVISORS, LLC**, as administrative agent

By:   
Name: Michael Meyer  
Title: Director


**ACKNOWLEDGED AND AGREED:**

**GRANTOR:**

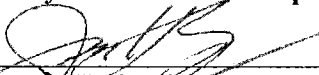
**O'Brien Industrial Holdings, LLC**

By:   
Name: James H. Spellmeyer  
Its: Chief Financial Officer

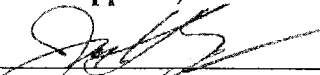
**O'Brien Asset Management, LLC**

By:   
Name: James H. Spellmeyer  
Its: Chief Financial Officer

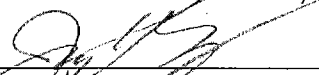
**The Christy Refractories Company, L.L.C.**

By:   
Name: James H. Spellmeyer  
Its: Chief Financial Officer

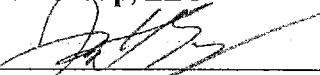
**Shamrock Proppants, LLC**

By:   
Name: James H. Spellmeyer  
Its: Chief Financial Officer

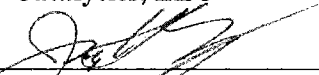
**Christy Industrial Services Co., LLC**

By:   
Name: James H. Spellmeyer  
Its: Chief Financial Officer

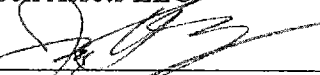
**Shamrock Group, LLC**

By:   
Name: James H. Spellmeyer  
Its: Chief Financial Officer


**Christy Catalytics, LLC**

By:   
Name: James H. Spellmeyer  
Its: Chief Financial Officer

**Shamrock Assets LLC**

By:   
Name: James H. Spellmeyer  
Its: Chief Financial Officer

**Christy Minerals, LLC**

By:   
Name: James H. Spellmeyer  
Its: Chief Financial Officer

## SCHEDULE A

### Trademarks:

Company Name	Trademark	Trademark Number	Trademark Registration Number	Date of Registration
O'Brien Asset Management, LLC	PROX-SVERS	72065995	0690078	12/22/1959
O'Brien Asset Management, LLC	STKO	74555134	1907370	07/25/1995
O'Brien Asset Management, LLC	CHRISTY	76156024	2644014	10/29/2002
O'Brien Asset Management, LLC	FILPOT	76156358	2719769	05/27/2003
O'Brien Asset Management, LLC	CHRISTY	76156051	2725064	06/10/2003
O'Brien Asset Management, LLC	CHRISTY	76156066	2725065	06/10/2003
O'Brien Asset Management, LLC	VIBRA-SEAL	76155875	2722006	06/03/2003
O'Brien Asset Management, LLC	CER-WEAR	76156065	2722007	06/03/2003
O'Brien Asset Management, LLC	SEAL-CAST	76156023	2729860	06/24/2003
O'Brien Asset Management, LLC	CHRISTY	76156114	2782377	11/11/2003
O'Brien Asset Management, LLC	HAWTHORN BOND	78496386	3028147	12/13/2005

### Patents and Patent Applications:

Company Name	Patent	Patent Number	Patent Application Number	Date Patent Issued	Date Patent Applied
SHAMROCK GROUP, LLC	Ceramic Proppants	8722590	12/986,479	05/13/2014	1/7/2011

### Copyrights:

None.

### Domain Names:

[www.christyco.com](http://www.christyco.com)  
[www.refractoriesinstitute.org](http://www.refractoriesinstitute.org)  
[www.shamrockproppants.com](http://www.shamrockproppants.com)  
[www.shamrockgrp.com](http://www.shamrockgrp.com)

DM3\4669461.4