

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM465819

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

TRADEMARK

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

PROPERTY NUMBERS Total: 11

Property Type	Number	Word Mark
Registration Number:	0690078	PROX-SVERS

Property Type	Number	Word Mark
Registration Number:	1907370	STKO
Registration Number:	2644014	CHRISTY
Registration Number:	2719769	FILPOT
Registration Number:	2725064	CHRISTY
Registration Number:	2725065	CHRISTY
Registration Number:	2722006	VIBRA-SEAL
Registration Number:	2722007	CER-WEAR
Registration Number:	2729860	SEAL-CAST
Registration Number:	2782377	CHRISTY
Registration Number:	3028147	HAWTHORN BOND

CORRESPONDENCE DATA

Fax Number: 3148723365

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: 3148723333

Email: smuehlfarth@affinitylawgrp.com

Correspondent Name: Affinity Law Group, LLC

Address Line 1: 1610 Des Peres Road, Suite 100

Address Line 2: Samantha Muehlfarth

Address Line 4: Saint Louis, MISSOURI 63131

NAME OF SUBMITTER:	Samantha Muehlfarth
SIGNATURE:	/Samantha Muehlfarth/
DATE SIGNED:	03/15/2018

Total Attachments: 5

- source=Release of Security Interest in Intellectual Property (executed)#page1.tif
- source=Release of Security Interest in Intellectual Property (executed)#page2.tif
- source=Release of Security Interest in Intellectual Property (executed)#page3.tif
- source=Release of Security Interest in Intellectual Property (executed)#page4.tif
- source=Release of Security Interest in Intellectual Property (executed)#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.

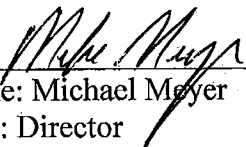
This Release may be executed in any number of counterparts, each of which shall be an original, and such counterparts together shall constitute one and the same instrument. A signature hereto sent or delivered by facsimile or other electronic transmission shall be as legally binding and enforceable as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

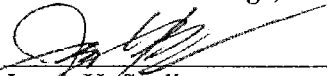
**MONROE CAPITAL MANAGEMENT
ADVISORS, LLC**, as administrative agent

By: 
Name: Michael Meyer
Title: Director


ACKNOWLEDGED AND AGREED:

GRANTOR:

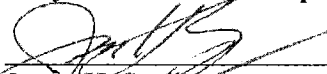
O'Brien Industrial Holdings, LLC

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


O'Brien Asset Management, LLC

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

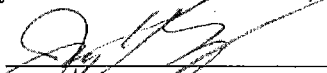
The Christy Refractories Company, L.L.C.

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

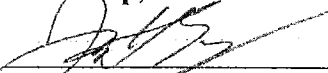
Shamrock Proppants, LLC

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
www.refractoriesinstitute.org
www.shamrockproppants.com
www.shamrockgrp.com

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