

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM444326

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Tronox LLC		09/22/2017	Limited Liability Company: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Wells Fargo Bank, National Association		
<b>Street Address:</b>	100 Park Avenue		
<b>City:</b>	New York		
<b>State/Country:</b>	NEW YORK		
<b>Postal Code:</b>	10017		
<b>Entity Type:</b>	National Banking Association: UNITED STATES		
<b>PROPERTY NUMBERS Total: 5</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	651632	TRONA	
<b>Registration Number:</b>	769354	TRONOX	
<b>Registration Number:</b>	4764906	E	
<b>Registration Number:</b>	4544270	E	
<b>Registration Number:</b>	4649667	E ELECTROLYTIC PRODUCTS OF TRONOX LLC	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	8004947512		
<i>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.</i>			
<b>Phone:</b>	800-494-5225		
<b>Email:</b>	ipteam@cogencyglobal.com		
<b>Correspondent Name:</b>	Stewart Walsh		
<b>Address Line 1:</b>	1025 Vermont Ave NW, Suite 1130		
<b>Address Line 2:</b>	Cogency Global Inc.		
<b>Address Line 4:</b>	Washington, D.C. 20005		
<b>ATTORNEY DOCKET NUMBER:</b>	F172815 TM IPSA		
<b>NAME OF SUBMITTER:</b>	Andrew Nash		
<b>SIGNATURE:</b>	/Andrew Nash/		
<b>DATE SIGNED:</b>	09/25/2017		

OP \$140.00 651632

**Total Attachments: 6**

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## TRADEMARK SECURITY AGREEMENT

This **TRADEMARK SECURITY AGREEMENT**, dated as of September 22, 2017 (as it may be amended, restated, supplemented or otherwise modified from time to time, this “**Agreement**”), is made by Tronox LLC, a Delaware limited liability company with offices located at One Stamford Plaza, 263 Tresser Boulevard, Stamford, CT 06901, (the “**Grantor**”) in favor of Wells Fargo Bank, National Association, a national banking association with offices located at 100 Park Avenue, New York, NY 10017, as collateral agent for the Secured Parties (in such capacity, together with its successors and permitted assigns, the “**Collateral Agent**”).

**WHEREAS**, the Grantor is party to a Pledge and Security Agreement dated as of September 22, 2017 (the “**Pledge and Security Agreement**”) between the Grantor and the other grantors party thereto and the Collateral Agent pursuant to which the Grantor granted a security interest to the Collateral Agent in the Trademark Collateral (as defined below) and is required to execute and deliver this Agreement.

**NOW, THEREFORE**, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Grantor hereby agrees with the Collateral Agent as follows:

### **SECTION 1. Defined Terms**

Unless otherwise defined herein, terms defined in the Pledge and Security Agreement and used herein have the meaning given to them in the Pledge and Security Agreement.

### **SECTION 2. Grant of Security Interest in Trademark Collateral**

**2.1 Grant of Security.** The Grantor hereby grants to the Collateral Agent, for the benefit of the Secured Parties, a security interest in and continuing Lien on all of the Grantor’s right, title and interest in, to and under the following, in each case whether now owned or existing or hereafter acquired, developed, created or arising and wherever located (collectively, the “**Trademark Collateral**”):

all United States and foreign trademarks, trade names, trade dress, corporate names, company names, business names, fictitious business names, Internet domain names, service marks, certification marks, collective marks, logos, other source or business identifiers and designs, whether or not registered, and with respect to any and all of the foregoing: (i) all registrations and applications therefor including, without limitation, the registrations and applications listed or required to be listed on Schedule A attached hereto, (ii) all extensions or renewals of any of the foregoing, (iii) all of the goodwill of the business connected with the use of and symbolized by any of the foregoing, (iv) the right to sue or otherwise recover for any past, present and future infringement, dilution or other violation of any of the foregoing or for any injury to the related goodwill, (v) all Proceeds of the foregoing, including, without limitation, license fees, royalties, income, payments, claims, damages, and proceeds of suit now or hereafter due

and/or payable with respect thereto, and (vi) all other rights of any kind accruing thereunder thereto throughout the world.

**2.2 Certain Limited Exclusions.** Notwithstanding anything herein to the contrary, in no event shall the Trademark Collateral include or the security interest granted under Section 2.1 hereof attach to any “intent-to-use” application for registration of a Trademark filed pursuant to Section 1(b) of the Lanham Act, 15 U.S.C. § 1051, until such time as a “Statement of Use” pursuant to Section 1(d) of the Lanham Act or an “Amendment to Allege Use” pursuant to Section 1(c) of the Lanham Act with respect thereto has been filed and duly accepted by the United States Patent and Trademark Office, solely to the extent, if any, that, and solely during the period, if any, in which, the grant of a security interest therein would result in the voiding or cancellation of such application or impair the validity or enforceability of any registration that issues from such intent-to-use application under applicable federal law.

**2.3 Security Agreement.** The security interest granted pursuant to this Agreement is granted in conjunction with the security interest granted to the Collateral Agent for the Secured Parties pursuant to the Pledge and Security Agreement, and the Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the security interest in the Trademark Collateral made and granted hereby are more fully set forth in the Pledge and Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Agreement is deemed to conflict with the Pledge and Security Agreement, the provisions of the Pledge and Security Agreement shall control.

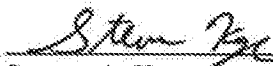
**2.4 Governing Law.** THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER (INCLUDING, WITHOUT LIMITATION, ANY CLAIMS SOUNDING IN CONTRACT LAW OR TORT LAW ARISING OUT OF THE SUBJECT MATTER HEREOF) SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK WITHOUT REGARD TO CONFLICT OF LAWS PRINCIPLES THEREOF THAT WOULD RESULT IN THE APPLICATION OF ANY LAW OTHER THAN THE LAW OF THE STATE OF NEW YORK (OTHER THAN ANY MANDATORY PROVISIONS OF LAW RELATING TO THE LAW GOVERNING PERFECTION AND THE EFFECT OF PERFECTION OF THE SECURITY INTEREST) AND ANY APPLICABLE LAWS OF THE UNITED STATES OF AMERICA (INCLUDING THE BANKRUPTCY CODE).

**2.5 Counterparts.** This Agreement may be executed in one or more counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument; signature pages may be detached from multiple counterparts and attached to a single counterpart so that all signature pages are physically attached to the same document; delivery of an executed counterpart of a signature page of this Agreement by telecopier or other electronic transmission (i.e., a “pdf” or “tif” document) shall be effective as delivery of a manually executed counterpart of this Agreement.

[Remainder of page intentionally left blank]

**IN WITNESS WHEREOF**, each Grantor has caused this Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

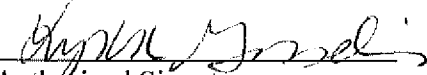
**TRONOX LLC**, as a Grantor

By:   
Name: Steven A. Kaye  
Title: Vice President and Assistant Secretary

Signature Page to Trademark Security Agreement

**TRADEMARK**  
**REEL: 006160 FRAME: 0397**

Accepted and Agreed:  
WELLS FARGO BANK, NATIONAL ASSOCIATION,  
as Collateral Agent

By:   
Authorized Signatory

Signature Page to Trademark Security Agreement

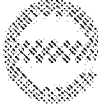
**TRADEMARK**  
**REEL: 006160 FRAME: 0398**

**SCHEDULE A**

to

**TRADEMARK SECURITY AGREEMENT**

**TRADEMARK REGISTRATIONS AND APPLICATIONS**

<b>Jurisdiction</b>	<b>Mark</b>	<b>Application No./Date</b>	<b>Registration No./Date</b>	<b>Registered Owner</b>
US	TRONA	72024025 2/8/1957	651632 9/16/1957	Tronox LLC
US	TRONOX	72156853 11/8/1962	769354 5/12/1964	Tronox LLC
U.S.		85/751,869 10/11/2012	4,764,906 06/30/2015	Tronox LLC
U.S.		85/751,833 10/11/2012	4544270 06/03/2014	Tronox LLC
U.S.	 <b>Electrolytic</b> PRODUCTS	85/751,913 10/11/2012	4649667 12/02/2014	Tronox LLC