

## TRADEMARK ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Goldman Sachs Lending Partners LLC, as Collateral Agent		02/08/2012	LIMITED LIABILITY COMPANY: DELAWARE
RECEIVING PARTY DATA			
Name:	TRONOX LLC		
Street Address:	3301 N.W. 150th Street		
City:	Oklahoma City		
State/Country:	OKLAHOMA		
Postal Code:	73134		
Entity Type:	LIMITED LIABILITY COMPANY: DELAWARE		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Registration Number:	0651632	TRONA	
Registration Number:	0769354	TRONOX	
CORRESPONDENCE DATA			
Fax Number:	(312)993-9767		
Phone:	3129932647		
Email:	zeynep.gieseke@lw.com		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
Correspondent Name:	Zeynep Gieseke		
Address Line 1:	233 S. Wacker Drive, Suite 5800		
Address Line 2:	c/o Latham & Watkins LLP		
Address Line 4:	Chicago, ILLINOIS 60606-6401		
ATTORNEY DOCKET NUMBER:	049646-0019		
NAME OF SUBMITTER:	Zeynep Gieseke		

CH \$65.00 0651632

Signature:	/zg/
Date:	02/09/2012
Total Attachments: 7 source=IP Release#page1.tif source=IP Release#page2.tif source=IP Release#page3.tif source=IP Release#page4.tif source=IP Release#page5.tif source=IP Release#page6.tif source=IP Release#page7.tif	

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

This **RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL** (this "**Release**"), dated as of February 8, 2012, is made by **GOLDMAN SACHS LENDING PARTNERS, LLC**, as agent (the "**Collateral Agent**"), under the Pledge and Security Agreement referred to below (terms used in this Release and not herein defined shall have the meanings set forth in the Pledge and Security Agreement).

**WHEREAS**, in connection with that certain Pledge and Security Agreement, dated as of October 21, 2010 (as amended from time to time, the "**Pledge and Security Agreement**"), among **TRONOX WORLDWIDE LLC**, a Delaware limited liability company ("**Borrower**"), **TRONOX INCORPORATED**, a Delaware corporation ("**Holdings**"), and certain Subsidiaries of the Borrower party thereto from time to time, whether as an original signatory thereto or as an Additional Grantor (together with the Borrower, each, a "**Grantor**," and collectively, the "**Grantors**"), and **GOLDMAN SACHS LENDING PARTNERS LLC** ("**GS Lending Partners**"), as collateral agent for the Secured Parties (in such capacity as collateral agent, together with its successors and permitted assigns, the "**Collateral Agent**").

**WHEREAS**, in connection with the Pledge and Security Agreement, and pursuant to those certain agreements described on Annex I attached hereto (collectively, the "**Security Agreements**"), the Grantors granted security interests in certain intellectual property including those listed on Annex I attached hereto (collectively, the "**Intellectual Property Collateral**"); and

**WHEREAS**, the Security Agreements were recorded in the U.S. Patent and Trademark Office or the Copyright Office on the dates and on the reels and frames set forth on Annex I hereto;

**NOW THEREFORE**, the Collateral Agent hereby **RELEASES**, without representation, recourse or warranty whatsoever, all of its security interest in the Intellectual Property Collateral, whether granted pursuant to the Security Agreements or the Pledge and Security Agreement, and the Collateral Agent hereby reassigns any and all such right, title and interest (if any) that the Collateral Agent may have in the Intellectual Property Collateral to the Grantors.

This Release and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the laws of the State of New York.

[Signature Page Follows]

IN WITNESS WHEREOF, the Collateral Agent has executed this Release as of the date first above written.

**GOLDMAN SACHS LENDING PARTNERS  
LLC,**  
as Collateral Agent

By: K. Se  
Name: Sridharan Kannan  
Title: Authorized Signatory

Release of Security Interest in Intellectual Property Collateral

**TRADEMARK**  
**REEL: 004714 FRAME: 0598**

ANNEX I

The Patent Security Agreement, dated as of February 14, 2011, by Tronox Incorporated, Tronox Worldwide LLC, Tronox Finance Corp., Cimarron Corporation, Triple S Refining Corporation, Southwestern Refining Company, Inc., Triangle Refineries, Inc., Transworld Drilling Company, Triple S Minerals Resources Corporation, Triple S, Inc., Tronox LLC and Tronox Holdings, Inc. in favor of Goldman Sachs Lending Partners, LLC, as Collateral Agent, was recorded with the U.S. Patent and Trademark Office on February 25, 2011 at Reel/Frame No. 025795/0130.

U.S. Patent Registration		
Patent No.	Application No.	Patent
5556600	08/452226	METHOD AND APPARATUS FOR ENHANCING PRODUCTION OF TiO <sub>2</sub>
5204083	07/197212	PROCESS FOR PREPARING TITANIUM DIOXIDE (DUAL SLOT OXIDIZER)
5203916	07/866705	DURABLE PIGMENT
5777001	08/905706	GRAFT POLYMERIZED METAL OXIDE COMPOSITIONS AND METHODS
5332433	08/156743	TITANIUM DIOXIDE DISPERSIBILITY
5702679	08/540116	METHOD OF PREPARING Li <sub>1+x</sub> Mn <sub>2-x</sub> O <sub>4</sub> FOR USE AS SECONDARY BATTERY ELECTRODE
5840112	08/687280	METHOD AND APPARATUS FOR PRODUCING TITANIUM DIOXIDE
6413016	09/640598	METHODS OF EXTRACTING LIQUID HYDROCARBON CONTAMINANTS FROM UNDERGROUND
7175821	10/261617	REACTOR AND PROCESS FOR REDUCING EMISSIONS OF CO AND NO <sub>x</sub>
6214198	09/217168	METHOD OF PRODUCING HIGH DISCHARGE CAPACITY ELECTROLYTIC MANGANESE DIOXIDE
6350427	09/361003	PROCESSES AND APPARATUS FOR REACTING GASEOUS REACTANTS CONTAINING SOLID PARTICLES
6248477	09/408043	ATHODE INTERCALATION COMPOSITIONS PRODUCTION METHODS AND RECHARGEABLE LITHIUM BATTERIES CONTAININ
6419893	09/664334	PROCESS FOR PRODUCING AND COOLING TITANIUM DIOXIDE
6419832	09/519538	PROCESS FOR REMOVING DISSOLVED URANIUM FROM WATER
6558844	09/774441	STABILIZED SPINEL BATTERY CATHODE MATERIAL
7182931	10/374266	IMPROVED PROCESS FOR MAKING TITANIUM DIOXIDE
6752858	10/318796	CIRCUMFERENTIAL AIR KNIFE AND APPLICATIONS

6699317	10/400376	PRODUCTION OF SLURRY PRODUCT FROM MICRONIZER TAILS
7150416	10/821641	LIQUID FUEL INJECTION
6851896	10/666625	FLUID BARRIERS
	11/799875	INJECTOR ASSEMBLY
	10/670981	CHANGING FLUID FLOW DIRECTION
7115157	10/789212	GAS SEPARATION APPARATUS AND METHODS
7183114	10/440702	METHOD FOR THE ANALYSIS OF GAS PRODUCED BY A TITANIUM TETRACHLORIDE FLUIDIZED BED REACTOR
7238450	10/743077	HIGH VOLTAGE LAMINAR CATHODE MATERIALS FOR LITHIUM RECHARGEABLE BATTERIES
6962434	10/670586	LINER WEAR DETECTION
6994117	10/670653	PIPING ELBOW LINERS
7285225	10/590090	IMPROVED METHOD AND APPARATUS FOR CONCENTRATING A SLURRY
	11/915010	FLUID MIXING APPARATUS AND METHOD
7250144	11/126941	PERCHLORATE REMOVAL FROM SODIUM CHLORATE PROCESS (Electrolytic/Hamilton)
	11/918084	PRODUCTION OF TITANIUM TETRACHLORIDE USING A FLUIDIZED BEST REACTOR
	12/067091	METHODS OF CONTROLLING THE PARTICLE SIZE OF TITANIUM DIOXIDE PRODUCED BY THE CHLORIDE PROCESS
	11/412816	IMPROVED HANDLING OF WASTE SOLIDS FROM THE CHLORINATION OF TITANIUM-BEARING ORES
	11/234996	SCOUR MEDIUM FOR TITANIUM DIOXIDE PRODUCTION
	12/518867	AN IMPROVED JET FOR USE IN A JET MILL MICRONIZER
7250080	11/516157	PROCESS FOR MANUFACTURE OF ORGANOSILICON COMPOUND TREATED PIGMENTS
7935753	11/598309	SURFACE TREATED PIGMENT
	11/522702	PROCESS FOR MAKING PIGMENTARY TITANIUM DIOXIDE
7238231	11/600643	PROCESS FOR MANUFACTURING ZIRCONIA-TREATED TITANIUM DIOXIDE PIGMENTS
	11/799876	IMPROVED PROCESS FOR MANUFACTURING CO-PRECIPIATED MIXED OXIDE-TREATED TITANIUM DIOXIDE PIGMENTS
5055512	07/531659	ULTRAVIOLET LIGHT STABLE POLYMERIC COMPOSITIONS (PRECONDITIONING OF EMD BY HYDROQUINONE)
5571855	08/451896	ATTENUATION OF POLYMER SUBSTRATE DEGRADATION DUE TO ULTRA

## ANNEX 1 cont.

5544817	08/359219	ZIRCONIUM SILICATE GRINDING METHOD AND MEDIUM
5573744	08/390190	METHOD FOR ENHANCING PRODUCTION OF TITANIUM DIOXIDE
5976237	08/807732	PIGMENT PROCESS FOR DURABLE PIGMENTS
6139617	08/926167	TITANIUM DIOXIDE PIGMENTS
5874058	08/815558	METHOD OF PREPARING $\text{Li}_{1+x}\text{Mn}_{2-x}\text{O}_4$ FOR USE AS SECONDARY BATTERY ELECTRODE
6102053	09/131259	PROCESS FOR SEPARATING RADIOACTIVE AND HAZARDOUS METAL CONTAMINANTS FROM
6207131	08/887649	METHOD AND APPARATUS FOR PRODUCING TITANIUM DIOXIDE
RE39068	10/389636	METHOD AND APPARATUS FOR PRODUCING TITANIUM DIOXIDE
6638401	09/610821	HIGH DISCHARGE CAPACITY ELECTROLYTIC MANGANESE DIOXIDE AND METHODS OF
6527941	09/745519	HIGH DISCHARGE CAPACITY ELECTROLYTIC MANGANESE DIOXIDE AND METHODS OF
6835361	09/822565	PROCESSES AND APPARATUS FOR REACTING GASEOUS REACTANTS CONTAINING SOLID
6843282	10/802244	DENSIFICATION OF AERATED POWDERS USING POSITIVE PRESSURE
7114533	10/949691	DENSIFICATION OF AERATED POWDERS USING POSITIVE PRESSURE
6981666	10/614424	TITANIUM DIOXIDE SLURRIES
	11/187470	SCOUR MEDIA FOR TITANIUM DIOXIDE PRODUCTION
6958091	10/935003	SURFACE-TREATED PIGMENTS
7011703	11/166472	SURFACE-TREATED PIGMENTS
7138011	10/935001	SURFACE TREATED PIGMENTS
6946028	10/934983	SURFACE-TREATED PIGMENTS
	11/983345	PROCESS FOR MANUFACTURING TITANIUM DIOXIDE PIGMENT

The Trademark Security Agreement, dated as of February 14, 2011, by Tronox Incorporated, Tronox Worldwide LLC, Tronox Finance Corp., Cimarron Corporation, Triple S Refining Corporation, Southwestern Refining Company, Inc., Triangle Refineries, Inc., Transworld Drilling Company, Triple S Minerals Resources Corporation, Triple S, Inc., Tronox LLC and Tronox Holdings, Inc. in favor of Goldman Sachs Lending Partners, LLC, as Collateral Agent, was recorded with the U.S. Patent and Trademark Office on February 25, 2011 at Reel/Frame No. 4478/0245.

<b>U.S. Trademark Registrations</b>	
<b>Registration No.</b>	<b>Trademark</b>
0651632	TRONA
0769354	TRONOX

The Copyright Security Agreement, dated as of February 14, 2011, by Tronox Incorporated, Tronox Worldwide LLC, Tronox Finance Corp., Cimarron Corporation, Triple S Refining Corporation, Southwestern Refining Company, Inc., Triangle Refineries, Inc., Transworld Drilling Company, Triple S Minerals Resources Corporation, Triple S, Inc., Tronox LLC and Tronox Holdings, Inc. in favor of Goldman Sachs Lending Partners, LLC, as Collateral Agent, was recorded with the U.S. Copyright Office on February 25, 2011 at Volume/Document No. V3593D423.

<b>U.S. Copyright Registration</b>	
<b>Registration No.</b>	<b>Copyright</b>
TX5474632	GENIE2K/NUTRANL COMPUTER PROGRAM
TX5361537	GENIE2K/NUTRANL OPERATION MANUAL