

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

ETAS ID: TM444617

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL AT REEL/FRAME NOS. 4714/0730 AND 4985/0825		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
GOLDMAN SACHS BANK USA, AS COLLATERAL AGENT		09/22/2017	BANK: NEW YORK
RECEIVING PARTY DATA			
Name:	TRONOX LLC		
Street Address:	PO BOX 268859		
City:	OKLAHOMA CITY		
State/Country:	OKLAHOMA		
Postal Code:	73126		
Entity Type:	Limited Liability Company: DELAWARE		
PROPERTY NUMBERS Total: 5			
Property Type	Number	Word Mark	
Registration Number:	651632	TRONA	
Registration Number:	769354	TRONOX	
Registration Number:	4764906	E	
Registration Number:	4544270	E	
Registration Number:	4649667	E ELECTROLYTIC PRODUCTS OF TRONOX LLC	
CORRESPONDENCE DATA			
Fax Number:	7147558290		
<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>			
Email:	IPDOCKET@LW.COM, KRISTIN.AZCONA@LW.COM		
Correspondent Name:	LATHAM & WATKINS LLP		
Address Line 1:	650 TOWN CENTER DRIVE, 20TH FLOOR		
Address Line 4:	COSTA MESA, CALIFORNIA 92626		
ATTORNEY DOCKET NUMBER:	042525-0124		
NAME OF SUBMITTER:	KRISTIN J AZCONA		
SIGNATURE:	/KJA/		
DATE SIGNED:	09/26/2017		

OP \$140.00 651632

Total Attachments: 10

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

This **RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL** (this “**Release**”), dated as of September 22, 2017, is made by **GOLDMAN SACHS BANK USA**, 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 February 8, 2012 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “**Pledge and Security Agreement**”), among **TRONOX WORLDWIDE LLC**, a Delaware corporation, **TRONOX INCORPORATED**, a Delaware corporation (“**Holdings**”), and certain Subsidiaries and Affiliates of Holdings 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 BANK USA**, 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 United States Patent and Trademark Office or the Copyright Office on the dates and on the reel and frame numbers or volume and document numbers set forth on Annex I hereto.

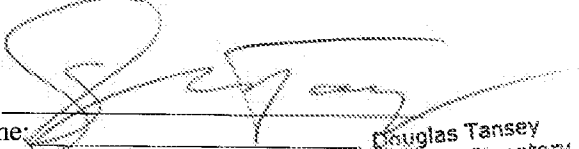
NOW THEREFORE, the Collateral Agent hereby **RELEASES**, without representation, recourse or warranty whatsoever, all of its security interest in the Intellectual Property Collateral, whether granted pursuant to the Security Agreements or the Pledge and Security Agreement, and the Collateral Agent hereby 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 BANK USA,
as Collateral Agent

By: 
Name: _____ Douglas Tansey
Title: Authorized Signatory Authorized Signatory

[Signature Page to Release of Security Interest in Intellectual Property Collateral]

ANNEX I

The Patent Security Agreement dated as of February 8, 2012, by TRONOX LLC in favor of Goldman Sachs Bank USA, as Collateral Agent, which was recorded with the United States Patent and Trademark Office on February 9, 2012 at Reel/Frame No. 027682/0086 and covering the following patents:

PATENTS AND PATENT APPLICATIONS

App No	Title	Filing Date	Patent Number	Issue Date
08/452226	METHOD AND APPARATUS FOR ENHANCING PRODUCTION OF TIO ₂	5/26/1995	5556600	9/17/1996
07/866705	DURABLE PIGMENT	4/10/1992	5203916	4/20/1993
08/905706	GRAFT POLYMERIZED METAL OXIDE COMPOSITIONS AND METHODS	8/4/1997	5777001	7/7/1998
08/156743	TITANIUM DIOXIDE DISPERSIBILITY	11/24/1993	5332433	7/26/1994
08/540116	METHOD OF PREPARING Li _{1+x} Mn _{2-x} O ₄ FOR USE AS SECONDARY BATTERY ELECTRODE	10/6/1995	5702679	12/30/1997
08/687280	METHOD AND APPARATUS FOR PRODUCING TITANIUM DIOXIDE	7/25/1996	5840112	11/24/1998
09/640598	METHODS OF EXTRACTING LIQUID HYDROCARBON CONTAMINANTS FROM UNDERGROUND	8/17/2000	6413016	7/2/2002
10/261617	REACTOR AND PROCESS FOR REDUCING EMISSIONS OF CO AND NO _x	9/30/2002	7175821	2/13/2007
09/217168	METHOD OF PRODUCING HIGH DISCHARGE CAPACITY ELECTROLYTIC MANGANESE DIOXIDE	12/21/1998	6214198	4/10/2001
09/361003	PROCESSES AND APPARATUS FOR REACTING GASEOUS REACTANTS CONTAINING SOLID PARTICLES	7/27/1999	6350427	2/26/2002
09/822565	PROCESSES AND APPARATUS FOR REACTING GASEOUS REACTANTS CONTAINING SOLID PARTICLES	3/30/2001	6835361	12/28/2004
09/408043	ATHODE INTERCALATION COMPOSITIONS PRODUCTION METHODS AND RECHARGEABLE LITHIUM BATTERIES CONTAININ	9/29/1999	6248477	6/19/2001
09/664334	PROCESS FOR PRODUCING AND COOLING TITANIUM DIOXIDE	9/18/2000	6419893	7/16/2002
09/519538	PROCESS FOR REMOVING DISSOLVED URANIUM FROM WATER	3/6/2000	6419832	7/16/2002
09/774441	STABILIZED SPINEL BATTERY CATHODE MATERIAL	1/31/2001	6558844	5/6/2003
10/374266	IMPROVED PROCESS FOR MAKING TITANIUM DIOXIDE	2/25/2003	7182931	2/27/2007

ANNEX 1 cont.

App No	Title	Filing Date	Patent Number	Issue Date
10/318796	CIRCUMFERENTIAL AIR KNIFE AND APPLICATIONS	12/13/2002	6752858	6/22/2004
10/400376	PRODUCTION OF SLURRY PRODUCT FROM MICRONIZER TAILS	3/27/2003	6699317	3/2/2004
10/821641	LIQUID FUEL INJECTION	4/9/2004	7150416	12/19/2006
10/666625	FLUID BARRIERS	9/18/2003	6851896	2/8/2005
11/799875	INJECTOR ASSEMBLY	3/20/2008		
10/670981	CHANGING FLUID FLOW DIRECTION	9/25/2003	8128127 3/6/12	
10/789212	GAS SEPARATION APPARATUS AND METHODS	2/27/2004	7115157	10/3/2006
10/440702	METHOD FOR THE ANALYSIS OF GAS PRODUCED BY A TITANIUM TETRACHLORIDE FLUIDIZED BED REACTOR	5/19/2003	7183114	2/27/2007
10/743077	HIGH VOLTAGE LAMINAR CATHODE MATERIALS FOR LITHIUM RECHARGEABLE BATTERIES	12/23/2003	7238450	7/3/2007
10/670586	LINER WEAR DETECTION	9/25/2003	6962434	11/8/2005
10/670653	PIPING ELBOW LINERS	9/25/2003	6994117	2/7/2006
10/590090	IMPROVED METHOD AND APPARATUS FOR CONCENTRATING A SLURRY	10/15/2004	7285225	10/23/2007
11/915010	FLUID MIXING APPARATUS AND METHOD	5/20/2005	8215825	7/10/2012
11/126941	PERCHLORATE REMOVAL FROM SODIUM CHLORATE PROCESS (Electrolytic/Hamilton)	5/11/2005	7250144	7/31/2007
12/067091	METHODS OF CONTROLLING THE PARTICLE SIZE OF TITANIUM DIOXIDE PRODUCED BY THE CHLORIDE PROCESS	3/17/2008	7854917	12/21/2010
11/412816	IMPROVED HANDLING OF WASTE SOLIDS FROM THE CHLORINATION OF TITANIUM-BEARING ORES	4/27/2006	7943103	5/17/11
11/234996	SCOUR MEDIUM FOR TITANIUM DIOXIDE PRODUCTION	9/26/2005		
12/518867	AN IMPROVED JET FOR USE IN A JET MILL MICRONIZER	6/11/2009	8387901	3/5/13
11/516157	IMPROVED PROCESS FOR MANUFACTURE OF ORGANOSILICON COMPOUND TREATED PIGMENTS	9/6/2006	7250080	7/31/2007
11/598309	SURFACE TREATED PIGMENT	11/13/2006	7935753	5/3/2011
11/522702	PROCESS FOR MAKING PIGMENTARY TITANIUM DIOXIDE	9/18/2006		
11/600643	PROCESS FOR MANUFACTURING ZIRCONIA-TREATED TITANIUM DIOXIDE PIGMENTS	11/16/2006	7238231	7/3/2007

ANNEX 1 cont.

App No	Title	Filing Date	Patent Number	Issue Date
11/799876	IMPROVED PROCESS FOR MANUFACTURING CO-PRECIPITATED MIXED OXIDE-TREATED TITANIUM DIOXIDE PIGMENTS	5/3/2007	8951607	2/10/15
08/451896	ATTENUATION OF POLYMER SUBSTRATE DEGRADATION DUE TO ULTRA	5/26/1995	5571855	11/5/1996
08/359219	ZIRCONIUM SILICATE GRINDING METHOD AND MEDIUM	12/19/1994	5544817	8/13/1996
08/390190	METHOD FOR ENHANCING PRODUCTION OF TITANIUM DIOXIDE	2/17/1995	5573744	11/12/1996
08/807732	PIGMENT PROCESS FOR DURABLE PIGMENTS	2/27/1997	5976237	11/2/1999
08/926167	TITANIUM DIOXIDE PIGMENTS	9/9/1997	6139617	10/31/2000
08/815558	METHOD OF PREPARING $\text{Li}_{1+x}\text{Mn}_{2-x}\text{O}_4$ FOR USE AS SECONDARY BATTERY ELECTRODE	3/12/1997	5874058	2/23/1999
09/131259	PROCESS FOR SEPARATING RADIOACTIVE AND HAZARDOUS METAL CONTAMINANTS FROM	8/7/1998	6102053	8/15/2000
08/887649	METHOD AND APPARATUS FOR PRODUCING TITANIUM DIOXIDE	7/3/1997	6207131	3/27/2001
10/389636	METHOD AND APPARATUS FOR PRODUCING TITANIUM DIOXIDE	3/14/2003	RE39068	4/18/2006
09/610821	HIGH DISCHARGE CAPACITY ELECTROLYTIC MANGANESE DIOXIDE AND METHODS OF	7/6/2000	6638401	10/28/2003
09/745519	HIGH DISCHARGE CAPACITY ELECTROLYTIC MANGANESE DIOXIDE AND METHODS OF	12/22/2000	6527941	3/4/2003
09/822565	PROCESSES AND APPARATUS FOR REACTING GASEOUS REACTANTS CONTAINING SOLID	3/30/2001	6835361	12/28/2004
10/802244	DENSIFICATION OF AERATED POWDERS USING POSITIVE PRESSURE	3/17/2004	6843282	1/18/2005
10/949691	DENSIFICATION OF AERATED POWDERS USING POSITIVE PRESSURE	9/23/2004	7114533	10/3/2006
10/614424	TITANIUM DIOXIDE SLURRIES	7/7/2003	6981666	1/3/2006
11/187470	SCOUR MEDIA FOR TITANIUM DIOXIDE PRODUCTION	5/4/2004		
10/935003	SURFACE-TREATED PIGMENTS	9/7/2004	6958091	10/25/2005
11/166472	SURFACE-TREATED PIGMENTS	8/30/2004	7011703	3/14/2006
10/935001	SURFACE TREATED PIGMENTS	9/7/2004	7138011	11/21/2006
10/934983	SURFACE-TREATED PIGMENTS	9/7/2004	6946028	9/20/2005

ANNEX 1 cont.

App No	Title	Filing Date	Patent Number	Issue Date
11/983345	PROCESS FOR MANUFACTURING TITANIUM DIOXIDE PIGMENT	11/8/2007		
13/044297	TITANIUM DIOXIDE PIGMENTS AND MANUFACTURING METHOD	3/9/2011	8840719	9/23/2014
13/337839	METHODS OF PRODUCING A TITANIUM DIOXIDE PIGMENT AND IMPROVING THE PROCESSABILITY OF TITANIUM DIOXIDE PIGMENT PARTICLES	11/27/2011	8663518	3/4/2014

The Patent Security Agreement dated as of March 19, 2013, by TRONOX LLC in favor of Goldman Sachs Bank USA, as Collateral Agent, which was recorded with the United States Patent and Trademark Office on March 20, 2013 at Reel/Frame No. 030047/0422 and covering the following patents:

PATENTS AND PATENT APPLICATIONS

Title	Application No.	Filing Date	Patent No.	Issue Date
PROCESS FOR CONTROLLING CARBONYL SULFIDE PRODUCED DURING CHLORINATION OF ORES	13/553,613	7/19/2012	8691167	4/8/2014
METHODS OF PRODUCING A TITANIUM DIOXIDE PIGMENT AND IMPROVING THE PROCESSABILITY OF TITANIUM DIOXIDE PIGMENT PARTICLES	13/337,839	12/27/2011	8663518	3/4/2014

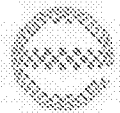
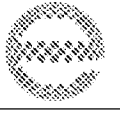

The Trademark Security Agreement dated as of February 8, 2012, by TRONOX LLC in favor of Goldman Sachs Bank USA, as Collateral Agent, which was recorded with the United States Patent and Trademark Office on February 9, 2012 at Reel/Frame No. 4714/0730 and covering the following trademarks:

TRADEMARK REGISTRATIONS AND APPLICATIONS

Mark	Application No.	Filing Date	Registration No.	Registration Date
TRONA	72024025	2/8/1957	651632	9/17/1957
TRONOX	72156853	11/8/1962	769354	5/12/1964

The Trademark Security Agreement dated as of March 19, 2013, by TRONOX LLC in favor of Goldman Sachs Bank USA, as Collateral Agent, which was recorded with the United States Patent and Trademark Office on March 20, 2013 at Reel/Frame No. 4985/0825 and covering the following trademarks:

TRADEMARK REGISTRATIONS AND APPLICATIONS

Mark	Application No	Filing Date	Registration No	Registration Date
	85/751,869	10/11/2012	4764906	6/30/2015
	85/751,833	10/11/2012	4544270	6/3/2014
 Electrolytic PRODUCTS	85/751,913	10/11/2012	4649667	12/2/2014

The Copyright Security Agreement dated as of February 8, 2012, by TRONOX WORLDWIDE LLC in favor of Goldman Sachs Bank USA, as Collateral Agent, which was recorded with the United States Copyright Office on February 9, 2012 in Volume 3612, Document 793 and covering the following copyrights:

COPYRIGHT REGISTRATIONS

Title	Registration No.	Registration Date	Registered Owner
GENIE2K/NUTRANL COMPUTER PROGRAM	TX5474632	3/19/01	Tronox Worldwide LLC
GENIE2K/NUTRANL OPERATION MANUAL	TX5361537	3/19/01	Tronox Worldwide LLC