

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Chemtura Corporation	04/30/2010
RECEIVING PARTY DATA	
Name:	Galata Chemicals, LLC
Street Address:	1700 Broadway
Internal Address:	38th floor
City:	New York
State/Country:	NEW YORK
Postal Code:	10019
PROPERTY NUMBERS Total: 38	
Property Type	Number
Application Number:	10995605
Application Number:	11124464
Application Number:	11418633
Application Number:	11634474
Application Number:	11634745
Application Number:	12284806
Application Number:	10450591
Application Number:	12397137
Application Number:	12798578
Application Number:	61238940
Application Number:	61328104
Patent Number:	6410795
Patent Number:	6756431
Patent Number:	6835328

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PATENT
REEL: 024342 FRAME: 0736

OP \$1520.00 10995605

Patent Number:	6872854
Patent Number:	6984684
Patent Number:	7550525
Patent Number:	6825256
Patent Number:	7282527
Patent Number:	7390846
Patent Number:	5710196
Patent Number:	5780549
Patent Number:	5741865
Patent Number:	5807802
Patent Number:	5567751
Patent Number:	5872166
Patent Number:	7629412
Patent Number:	7514485
Patent Number:	7393887
Patent Number:	6303808
Patent Number:	5198486
Patent Number:	5015777
Patent Number:	5034443
Patent Number:	5102933
Patent Number:	5656202
Patent Number:	5286788
Patent Number:	5874643
Patent Number:	5888427

CORRESPONDENCE DATA

Fax Number: (203)220-8497

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 203-220-8496

Email: mdilworth@dilworthip.com

Correspondent Name: Michael P. Dilworth

Address Line 1: 2 Corporate Drive

Address Line 2: Suite 206

Address Line 4: Trumbull, CONNECTICUT 06611

ATTORNEY DOCKET NUMBER:

116-1

NAME OF SUBMITTER:

Michael P. Dilworth

PATENT
REEL: 024342 FRAME: 0737

Total Attachments: 15

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PATENT ASSIGNMENT

This Patent Assignment (this "Assignment") is entered into effective as of April 30, 2010 (the "Effective Date") by and between Chemtura Corporation, a Delaware corporation ("Chemtura") and Great Lakes Chemical Corporation, a Delaware corporation (collectively the "Assignors" and each an "Assignor") and Galata Chemicals, LLC (fka Artek Aterian Holding Company, LLC), a Delaware limited liability company (the "Assignee").

1.0 Background.

1.1 Chemtura and Assignee have entered into that certain Share and Asset Purchase Agreement dated as of the Effective Date (the "Agreement"), pursuant to which Chemtura has agreed to sell or cause to be sold to Assignee and Assignee has agreed to buy from Chemtura the Purchased Intellectual Property, including but not limited to the Patents, that Chemtura owns or otherwise has the right to use in its operation of the Business. Capitalized terms used but not defined in this Assignment shall have the respective meanings ascribed to such terms in the Agreement.

2.0 **Assignment.** In consideration of and exchange for good and valuable consideration, the receipt and sufficiency of which the parties acknowledge, the parties agree as follows:

Assignors hereby assign, sell, transfer and set over unto the Assignee their entire right, title and interest in and to:

(a) the patents and patent applications listed on Exhibit A attached hereto (collectively the "Patents"), together with all corresponding foreign applications and patents which may be filed thereon, including the right to claim priority from such patents, together with all rights to issuances, applications, divisionals, extensions, continuations, continuations-in-part, reissues and re-examinations with respect to the Patents, to the full term or terms for which the Patents may be issued, the same to be held and enjoyed by Assignee, its successors, assigns and legal representatives to the same extent that they would have been held and enjoyed by Assignors if this Assignment had not been made; and

(b) all claims, demands and causes of action which relate to any use, infringement or misappropriation of any of the Patents, including all rights to all past and future damages and profits by reason of infringement or misappropriation and the right to sue for and collect the same for the sole use and benefit of the Assignee and its successors, assigns and legal representatives.

2.1 Assignors shall execute and deliver at the request of the Assignee, all papers, instruments, and assignments, and shall perform any other reasonable acts the Assignee may require in order to vest all of the Assignors' rights, title, and interest in and to said Patents in the Assignee and/or to provide evidence to support any of the foregoing in the event such evidence is deemed necessary by the Assignee or the patent office in the relevant jurisdiction, to the extent such evidence is in the possession or control of Assignors.

2.2 Assignors hereby authorize the U.S. Patent and Trademark Office, and any Official of any country or countries foreign to the United States or any multinational organization whose duty it is to receive or register trademarks or applications therefore, to record Assignee as the owner of the Patents and to issue all registrations for said Patents, to be in the name of Assignee, as assignee of all of Assignors' rights, title and interest in and to the Patents, for the sole use of Assignee, its successors, legal representatives, and assigns, in accordance with the terms of this Assignment.

3.0 Miscellaneous.

3.1 This Assignment may be executed in counterparts, each of which, when executed, shall constitute one and the same agreement.

3.2 In the event of any conflict or inconsistency between the provisions of the Purchase Agreement and the provisions of this Assignment, the provisions of the Purchase Agreement will control.

[Signature page follows.]

IN WITNESS WHEREOF, the undersigned, being the duly authorized representatives of the Assignors and Assignees, have executed this Assignment below effective as of the Effective Date.

ASSIGNORS:

CHEMTURA CORPORATION

By: S.C. Forsyth
Name: Stephen C. Forsyth
Title: Executive Vice President &
Chief Financial Officer

GREAT LAKES CHEMICAL
CORPORATION

By: Carol V. Anderson
Name: Carol V. Anderson
Title: Treasurer

ASSIGNEE:

GALATA CHEMICALS, LLC

By: _____
Name: Michael Fieldstone
Title: Co-President

PATENT ASSIGNMENT SIGNATURE PAGE

STATE OF CONNECTICUT

)

) ss. Middlebury

COUNTY OF NEW HAVEN

)

The foregoing instrument was acknowledged before me on the 28th day of April 2010, by Stephen C. Forsyth, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his indicated capacity.

Julian M. Behlman

Notary Public

My commission expires: 7/21/2012

[SEAL]

PATENT

REEL: 024342 FRAME: 0742

STATE OF CONNECTICUT

)

) SS. Middlebury

COUNTY OF NEW HAVEN

)

The foregoing instrument was acknowledged before me on the 28th day of April 2010, by Carl E. Fritzsche, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his indicated capacity.

Joann M. Behlman
Notary Public

My commission expires: 11/30/2010

[SEAL]

JOANN M. BEHLMAN
NOTARY PUBLIC
STATE OF CONNECTICUT

IN WITNESS WHEREOF, the undersigned, being the duly authorized representatives of the Assignors and Assignees, have executed this Assignment below effective as of the Effective Date.

ASSIGNORS:

CHEMTURA CORPORATION

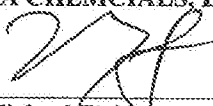
By: _____
Name: Stephen C. Forsyth
Title: Executive Vice President &
Chief Financial Officer

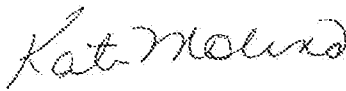
**GREAT LAKES CHEMICAL
CORPORATION**

By: _____
Name: Carol V. Anderson
Title: Treasurer

ASSIGNEE:

GALATA CHEMICALS, LLC

By: _____
Name: Michael Fieldstone
Title: Co-President


KATE MOLINA
Notary Public, State of New York
No. 01MO8213337
Qualified in Richmond County
Term Expires Nov. 9, 2013

PATENT ASSIGNMENT SIGNATURE PAGE

PATENT
REEL: 024342 FRAME: 0744

Exhibit A

Patents

CHDMS1/2776734.1

Exhibit A

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
Argentina	Pending	22-Nov-05	P050104893			Clear Impact Modifier, Heat Resistant Polyvinyl Halide Compositions	Chemtura Corporation	Heat Stabilizers-PVC	
Australia	Granted	17-May-91	77111791	635688	19-Jul-93	Polymer Stabilizer and Polymer Composition Stabilized Therewith	Crompton Corporation	Heat Stabilizers-PVC	17-May-11
Austria	Granted	27-Jun-03	3763038.1	1539872	17-Jun-09	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
Austria	Granted	7-Aug-01	1959611.3	1307465	19-Oct-05	Direct Synthesis of Tin (II) and Carboxylates and Tin (IV) Carboxylates From Elemental Tin or Tin Oxides	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
Belgium	Granted	27-Jun-03	3763038.1	1539872	17-Jun-09	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
Belgium	Granted	6-Jun-03	3741907.4	1517878	21-Mar-07	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Jun-23
Belgium	Granted	7-May-91	91304066.3	457471	29-Jan-97	POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREWITH	Witco Corporation	Heat Stabilizers-PVC	7-May-11
Brazil	Pending	27-Jun-03	P10312524-6			Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Crompton Corporation	Heat Stabilizers-PVC	
Brazil	Pending	16-Dec-03	P10318510-9			Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	
Brazil	Pending	11-Aug-04	P10413227-0			Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
Brazil	Pending	28-Apr-06	P10610478-9			Alkyltin Sulfanyl Mercaptocarboxylates Having Terminal Thiol Groups	Chemtura Corporation	Heat Stabilizers-PVC	
Brazil	Pending	15-Nov-07	P10719933-3			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	
Canada	Pending	28-Apr-06	2606309			ALKYLtin SULFANYL MERCAPTOCARBOXYLATES HAVING TERMINAL THIOL GROUPS	Chemtura Corporation	Heat Stabilizers-PVC	
Canada	Granted	16-May-96	2221558	2221558	6-Mar-07	Alkyl-Tin PVC Stabilizers with Added Aromatic Ether Alcohol to Prevent Precipitation	Witco Corporation	Heat Stabilizers-PVC	16-May-16
Canada	Granted	19-Jun-96	2224398	2224398	10-Apr-07	Overbased PVC Stabilizer	Witco Corporation	Heat Stabilizers-PVC	19-Jun-16
Canada	Granted	17-Jun-1996	2224202	2224202	28-Aug-2007	METHOD FOR MAKING OVERBASED PVC STABILIZER	Witco Corporation	Heat Stabilizers-PVC	17-Jun-2016
Canada	Pending	15-Nov-07	2669172			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	15-Nov-27
Canada	Granted	9-May-91	2042158	2042158	17-Sep-02	POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREWITH	Witco Corporation	Heat Stabilizers-PVC	9-May-11
Canada	Pending	22-Jul-91	2047361			Polyvinylchloride Composition and Stabilizers Therefor	Witco Corporation	Heat Stabilizers-PVC	

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
China P.R.	Granted	16-Dec-03	200380110464.8	ZL200380110464.8	25-Sep-09	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	16-Dec-23
China P.R.	Granted	27-Jun-03	03817930.X	ZL03817930.X	16-Jan-08	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Crompton Corporation	Heat Stabilizers-PVC	27-Jun-23
China P.R.	Granted	11-Aug-04	200480027922.6	200480027922.6	5-Aug-09	Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	11-Aug-24
China P.R.	Pending	22-Nov-05	200510003458.3			CLEAR IMPACT MODIFIER, HEAT RESISTANT POLYVINYLL HALIDE COMPOSITIONS	Chemtura Corporation	Heat Stabilizers-PVC	
China P.R.	Pending	28-Apr-06	200680015227.7			ALKYL TIN SULFANYL MERCAPTOCARBOXYLATES HAVING TERMINAL THIOL GROUPS	Chemtura Corporation	Heat Stabilizers-PVC	
China P.R.	Pending	15-Nov-07	200780045011.X			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	
China P.R.	Granted	7-Aug-01	1815365.1	1815265.1	12-Oct-05	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Crompton Corporation	Heat Stabilizers-PVC	7-Aug-21
European Patent Convention	Pending	16-Dec-03	3818917.1			Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	
European Patent Convention	Pending	2-Jan-03	3700673.1			Stability Improvement of Carbon Monoxide Ethylene Copolymer in PVC Compound	Chemtura Corporation	Heat Stabilizers-PVC	
European Patent Convention	Pending	11-Aug-04	4780955.3			Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
European Patent Convention	Pending	15-Nov-07	7862046.5			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	
France	Granted	27-Jun-03	3763032.1	1539872	17-Jun-09	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
France	Granted	6-Jun-03	3741907.4	1517878	21-Mar-07	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Jun-23
France	Granted	11-Jul-97	97111855.9	818457	2-Oct-02	STABLE AQUEOUS DISPERSIONS OF DIBUTYLIN OXIDE	Crompton Corporation	Heat Stabilizers-PVC	11-Jul-17
France	Granted	16-May-96	96915857.5	828787	26-Nov-03	ALKYL-TIN PVC STABILIZERS WITH ADDED AROMATIC ETHER ALCOHOL TO PREVENT PRECIPITATION	Crompton Corporation	Heat Stabilizers-PVC	16-May-16
France	Granted	19-Jun-96	96922496.3	833861	9-May-01	OVERBASED PVC STABILIZER	Crompton Corporation	Heat Stabilizers-PVC	19-Jun-16
France	Granted	7-Aug-01	1959611.3	1307465	19-Oct-05	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
France	Granted	7-May-91	91304066.3	457471	29-Jan-97	POLYMER STABILIZER AND POLYMER COMPOSITION	Wtcc Corporation	Heat Stabilizers-PVC	7-May-11

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
Germany	Granted	27-Jun-03	3763038.1	60328027.7	17-Jun-09	STABILIZED THEREW ITH	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
Germany	Granted	6-Jun-03	3741907.4	60312685.5	21-Mar-07	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Jun-23
Germany	Granted	6-Dec-02	2806450.9	60216145.2	15-Nov-06	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Dec-22
Germany	Granted	11-Jul-97	97111855.9	69715978.7	2-Oct-02	Hydroxide in PVC Compound	Chemtura Corporation	Heat Stabilizers-PVC	11-Jul-17
Germany	Granted	16-May-96	96915857.5	69630885.1	26-Nov-03	Stable Aqueous Dispersions of Dibutyltin Oxide	Chemtura Corporation	Heat Stabilizers-PVC	16-May-16
Germany	Granted	19-Jun-96	96922496.3	69612746.6	9-May-01	ALKYL-TIN PVC STABILIZERS WITH ADDED AROMATIC ETHER ALCOHOL TO PREVENT PRECIPITATION	Chemtura Corporation	Heat Stabilizers-PVC	19-Jun-16
Germany	Granted	7-Aug-01	1959611.3	60114212.8	19-Oct-05	OVERBASED PVC STABILIZER	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
Germany	Granted	7-May-91	91304066.3	69124418.9	29-Jan-97	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Chemtura Corporation	Heat Stabilizers-PVC	7-May-11
Germany	Granted	23-Jul-91	91306682.5	69127814.8	1-Oct-97	POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREW ITH	Chemtura Corporation	Heat Stabilizers-PVC	23-Jul-11
Great Britain	Granted	27-Jun-03	3763038.1	1539872	17-Jun-09	POLYVINYLCHLORIDE COMPOSITION AND STABILIZERS THEREFOR	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
Great Britain	Granted	6-Jun-03	3741907.4	1517878	21-Mar-07	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Jun-23
Great Britain	Granted	6-Dec-02	2806450.9	1461381	15-Nov-06	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Dec-22
Great Britain	Granted	11-Jul-97	97111855.9	818457	2-Oct-02	Stability Improvement of Aluminum Hydroxide in PVC Compound	Chemtura Corporation	Heat Stabilizers-PVC	11-Jul-17
Great Britain	Granted	16-May-96	96915857.5	828787	26-Nov-03	STABLE AQUEOUS DISPERSIONS OF DIBUTYLIN OXIDE	Chemtura Corporation	Heat Stabilizers-PVC	16-May-16
Great Britain	Granted	7-Aug-01	1959611.3	1307465	19-Oct-05	ALKYL-TIN PVC STABILIZERS WITH ADDED AROMATIC ETHER ALCOHOL TO PREVENT PRECIPITATION	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
Great Britain	Granted	7-May-91	91304066.3	457471	29-Jan-97	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Chemtura Corporation	Heat Stabilizers-PVC	7-May-11
Hong Kong	Granted	27-Jun-03	6103502.9	HK1083514	28-Nov-08	POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREW ITH	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
Hong Kong	Pending	14-Dec-06	6113752.5			Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	
						CLEAR IMPACT MODIFIER, HEAT	Chemtura Corporation	Heat	

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
Hong Kong	Pending	27-Nov-09	9111112.1			RESISTANT POLYVINYL HALIDE COMPOSITIONS	Chemtura Corporation	Stabilizers-PVC	
India	Pending	16-Dec-03	1464/DELNP/2006			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	
India	Pending	11-Aug-04	1261/DELNP/2006			Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Stabilizers-PVC	
Italy	Granted	27-Jun-03	3763038.1	1539872	17-Jun-09	Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
Italy	Granted	6-Jun-03	3741907.4	1517878	21-Mar-07	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Stabilizers-PVC	6-Jun-23
Italy	Granted	6-Dec-02	2806450.9	1461381	15-Nov-06	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Stabilizers-PVC	6-Dec-22
Italy	Granted	11-Jul-97	97111855.9	818457	2-Oct-02	Stability Improvement of Aluminum Hydroxide in PVC Compound	Chemtura Corporation	Heat Stabilizers-PVC	11-Jul-17
Italy	Granted	16-May-96	96915857.5	828787	26-Nov-03	STABLE AQUEOUS DISPERSIONS OF DIBUTYLIN OXIDE	Chemtura Corporation	Stabilizers-PVC	16-May-16
Italy	Granted	7-May-91	91304066.3	457471	29-Jan-97	ALKYL-TIN PVC STABILIZERS WITH ADDED AROMATIC ETHER ALCOHOL TO PREVENT PRECIPITATION	Witco Corporation	Stabilizers-PVC	7-May-11
Japan	Pending	28-Mar-03	2003-584165			POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREWITH	Chemtura Corporation	Heat Stabilizers-PVC	
Japan	Pending	6-Dec-02	2003-560092			Heterocyclic Tin Flame Retardants/Smoke Suppressants and Halogen-Containing Polymer Composition Containing Same	Chemtura Corporation	Stabilizers-PVC	
Japan	Pending	2-Jan-03	2003-560099			Stability Improvement of Aluminum Hydroxide in PVC Compound	Chemtura Corporation	Heat Stabilizers-PVC	
Japan	Pending	25-Dec-07	2007-311351			Stability Improvement of Carbon Monoxide Ethylene Copolymer in PVC Compound	Chemtura Corporation	Stabilizers-PVC	
Japan	Pending	11-Aug-04	2006-523929			Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
Japan	Pending	28-Apr-06	2006-510075			ALKYL TIN SULFANYL MERCAPTOCARBOXYLATES HAVING TERMINAL THIOL GROUPS	Chemtura Corporation	Stabilizers-PVC	
Japan	Granted	19-Jun-96	503903/1997	3605415	8-Oct-04	OVERBASED PVC STABILIZER	Witco Corporation	Heat Stabilizers-PVC	19-Jun-16
Japan	Granted	7-Aug-01	2002-519466	3871643	27-Oct-06	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
Japan	Granted	17-Jun-1996	503899/1997	4208962	31-Oct-2008	ELEMENTAL TIN OR TIN OXIDES METHOD FOR MAKING OVERBASED PVC STABILIZER	Witco Corporation	Heat Stabilizers-PVC	17-Jun-2016
Japan	Granted	16-May-91	111744/91	3241397	19-Oct-01	POLYMER STABILIZER AND	Chemtura Corporation	Heat Stabilizers-PVC	16-May-11

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
Mexico	Pending	11-Aug-04	PA/a/2006/001942			POLYMER COMPOSITION STABILIZED THEREW ITH	Corporation	Stabilizers-PVC	
Mexico	Granted	7-Aug-01	2003/001239	229944	12-Aug-05	Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
Mexico	Granted	17-May-91	25827	183359	27-Nov-96	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
Netherlands	Granted	27-Jun-03	3763038.1	1519872	17-Jun-09	POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREW ITH	Witco Corporation	Heat Stabilizers-PVC	17-May-11
Netherlands	Granted	6-Jun-03	3741907.4	1517878	21-Mar-07	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
Netherlands	Granted	7-Aug-01	1959611.3	1307465	19-Oct-05	Complexes of Metal Salts of Organic Acids and B-Eiketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Jun-23
Netherlands	Granted	7-May-91	91304066.3	457471	29-Jan-97	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
Patent Cooperation Treaty	Pending	1-Sep-09	PCT/AUS2009/055571			POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREW ITH	Witco Corporation	Heat Stabilizers-PVC	7-May-11
Republic of Korea	Pending	16-Dec-03	2006-7085839			Blended Phosphite or Phosphonite Compositions Having Improved Hydrolytic Stability	Chemtura Corporation	Heat Stabilizers-PVC	
Republic of Korea	Pending	11-Aug-04	10-2006-7003482			Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	
Republic of Korea	Pending	28-Apr-06	7025491/2007			Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
Republic of Korea	Pending	15-Nov-07	2009-7011530			ALKYLENE SULFANYL MERCAPTOCARBOXYLATES HAVING TERMINAL THIOL GROUPS	Chemtura Corporation	Heat Stabilizers-PVC	
Republic of Korea	Granted	7-Aug-01	7001899/2003	10-0785608	6-Dec-07	Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
Republic of Korea	Pending	13-Nov-07	2007-7026370			DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Chemtura Corporation	Heat Stabilizers-PVC	
Russian Federation	Granted	16-Dec-03	2006-113608	2357935	10-Nov-08	Direct Synthesis of Tin (II) and Carboxylates and Tin (IV) Carboxylates from Elemental Tin or Tin Oxides	Chemtura Corporation	Heat Stabilizers-PVC	16-Dec-23
Russian Federation	Granted	11-Aug-04	2006108116	2355716	20-May-09	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	11-Aug-24
Saudi Arabia	Pending	24-Sep-08	109308571			Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
						Blended Phosphite or Phosphonite Compositions Having Improved Hydrolytic Stability	Chemtura Corporation	Heat Stabilizers-PVC	

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
Spain	Granted	11-Jul-97	97111855.9	818457	2-Oct-02	STABLE AQUEOUS DISPERSIONS OF DIBUTYLIN OXIDE	Crompton Corporation	Heat Stabilizers-PVC	11-Jul-17
Taiwan	Granted	9-Apr-03	92108128	1301135	21-Sep-08	Heterocyclic Tin Flame Retardants/Smoke Suppressants and Halogen-Containing Polymer Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	8-Apr-23
Taiwan	Pending	8-Jul-03	92118612			Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	
Taiwan	Granted	20-Jun-03	92116869	1284657	1-Aug-07	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	19-Jun-23
Taiwan	Granted	3-Jan-03	92100097	1286560	11-Sep-07	Stability Improvement of Aluminum Hydroxide in PVC Compound	Chemtura Corporation	Heat Stabilizers-PVC	2-Jan-23
Taiwan	Granted	9-Jan-03	92100408	1310392	1-Jun-09	Stability Improvement of Carbon Monoxide Ethylene Copolymer in PVC Compound	Chemtura Corporation	Heat Stabilizers-PVC	8-Jan-23
Taiwan	Pending	21-Nov-05	94148868			CLEAR IMPACT MODIFIER, HEAT RESISTANT POLYVINYL HALIDE COMPOSITIONS	Chemtura Corporation	Heat Stabilizers-PVC	
Taiwan	Pending	22-Sep-09	98131959			Blended Phosphite or Phosphonite Compositions Having Improved Hydrolytic Stability	Chemtura Corporation	Heat Stabilizers-PVC	
Thailand	Pending	18-Nov-05	106281			CLEAR IMPACT MODIFIER, HEAT RESISTANT POLYVINYL HALIDE COMPOSITIONS	Chemtura Corporation	Heat Stabilizers-PVC	
Turkey	Granted	6-Jun-03	3741987.4	1517878	21-Mar-07	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Jun-23
United States	Granted	26-Jan-01	09/769429	6410795	25-Jun-02	Process for Base-Promoted Condensation Reactions and Base Reagent Therefor	Crompton Corporation	Heat Stabilizers-PVC	26-Jan-21
United States	Granted	9-Apr-02	10/119443	6756431	29-Jun-04	Heterocyclic Tin Flame Retardants/Smoke Suppressants and Halogen-Containing Polymer Composition Containing Same	Crompton Corporation	Heat Stabilizers-PVC	9-Apr-22
United States	Granted	24-Sep-03	10/869955	6835328	23-Dec-04	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Crompton Corporation	Heat Stabilizers-PVC	8-Jul-22
United States	Granted	3-Jun-02	10/190130	6872854	29-Mar-05	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Crompton Corporation	Heat Stabilizers-PVC	3-Jul-22
United States	Granted	26-Nov-03	10/724374	6984684	10-Jan-06	Stability Improvement of Aluminum Hydroxide in PVC Compound	Crompton Corporation	Heat Stabilizers-PVC	4-Jan-22
United States	Granted	9-Aug-05	11/200418	7550525	23-Jun-09	Stability Improvement of Aluminum Hydroxide in PVC Compound	Crompton Corporation	Heat Stabilizers-PVC	4-Jan-22
United States	Granted	14-Jan-02	10/043252	6825256	30-Nov-04	Stability Improvement of Carbon Monoxide Ethylene Copolymer in PVC Compound	Crompton Corporation	Heat Stabilizers-PVC	14-Jan-22
United States	Granted	19-Aug-03	10/643800	7282527	16-Oct-07	Stabilization System for Halogen-Containing Polymers	Crompton Corporation	Heat Stabilizers-PVC	19-Aug-23
United States	Granted	30-Nov-04	11/001558	7390846	24-Jun-08	Wood Sizing Agents for PVC Composites	Crompton Corporation	Heat Stabilizers-PVC	30-Nov-24

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United States	Pending	22-Nov-04	10/995605			CLEAR IMPACT MODIFIER, HEAT RESISTANT POLYVINYL HALIDE COMPOSITIONS	Crompton Corporation	Heat Stabilizers-PVC	
United States	Pending	5-May-05	11/124464			ALKYL-TIN SULFANYL MERCAPTOCARBOXYLATES HAVING TERMINAL THIOL GROUPS	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Granted	27-Aug-96	08/703625	5710196	20-Jan-98	Asphalt Compositions Containing Acrylonitrile-Butadiene-Styrene Copolymer	Crompton Corporation	Surfactants	27-Aug-16
United States	Granted	29-Jul-96	08/681752	5780549	14-Jul-98	Polybutene Polymers Modifiers for PVC	Crompton Corporation	Surfactants	29-Jul-16
United States	Granted	18-Jul-95	08/503886	5741865	21-Apr-98	Fatty Alkyl Diethanolamines to Stabilize the Optical Clarity of Polyols Containing Zinc Fatty Acid Salts	Witco Corporation	Surfactants	18-Jul-15
United States	Granted	12-Jul-96	08/679270	5807802	15-Sep-98	STABLE AQUEOUS DISPERSIONS OF DIBUTYL-TIN OXIDE	Witco Corporation	Heat Stabilizers-PVC	12-Jul-16
United States	Granted	1-Jun-95	08/457813	5567751	22-Oct-96	ALKYL-TIN PVC STABILIZERS WITH ADDED AROMATIC ETHER ALCOHOL TO PREVENT PRECIPITATION	Witco Corporation	Heat Stabilizers-PVC	1-Jun-15
United States	Granted	20-Jun-95	08/492629	5872166	16-Feb-99	OVERBASED PVC STABILIZER	Witco Corporation	Heat Stabilizers-PVC	20-Jun-15
United States	Pending	5-May-06	11/418633			Compatibilizers for Composites of PVC and Cellulosic Materials	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Granted	8-Jun-06	11/450676	7629412	8-Dec-09	Rigid PVC Blend Composition	Chemtura Corporation	Heat Stabilizers-PVC	8-Jun-26
United States	Granted	20-Jun-06	11/473262	7514485	7-Apr-09	Compatibilizers for Composites of PVC and Cellulosic Materials	Chemtura Corporation	Heat Stabilizers-PVC	20-Jun-26
United States	Pending	5-Dec-06	11/634474			Alkyltin Sulfanyl Diester Thiols	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Pending	5-Dec-06	11/634745			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Pending	5-Dec-06	11/634745			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Pending	24-Sep-08	12/284806			Blended Phosphite or Phosphonite Compositions Having Improved Hydrolytic Stability	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Pending	24-Sep-08	12/284806			Blended Phosphite or Phosphonite Compositions Having Improved Hydrolytic Stability	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Pending	5-Dec-01	10/450591			Stabilizer System for Stabilizing Polymers that Contain Halogen	Crompton Corporation	Heat Stabilizers-PVC	
United States	Granted	3-Apr-06	11/395272	7393887	1-Jul-08	Stabilizer System for Stabilizing Polymers that Contain Halogen	Crompton Corporation	Heat Stabilizers-PVC	25-Sep-23
United States	Pending	3-Mar-09	12/397137			Novel Stabilizer for Halogenous Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Granted	10-Aug-00	09/635615	6303808	16-Oct-01	DIRECT SYNTHESIS OF TIN II AND CARBOXYLATES AND TIN IV CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Crompton Corporation	Heat Stabilizers-PVC	10-Aug-20
United States	Expired	10-Dec-90	627542	5057622	15-Oct-91	S-Alkylthiopropionic Acids and	Witco	Heat Stabilizers-PVC	16-Aug-09

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United States	Granted	1-Oct-91	770991	5192426	30-Mar-93	Scrivatives S-Alkylthiopropionic Acids and Scrivatives	Corporation Witco	Stabilizers-PVC Heat Stabilizers-PVC	30-Mar-10
United States	Expired	2-Nov-89	430563	5015777	14-May-91	Process for the Preparation of Aromatic Beta-Diketones	Corporation Witco	Heat Stabilizers-PVC	2-Nov-09
United States	Granted	18-May-90	525443	5034443	23-Jul-91	POLYMER STABILIZER AND POLYMER COMPOSITION STA- BILIZED THEREWITH	Corporation Witco	Heat Stabilizers-PVC	18-May-10
United States	Granted	27-Jun-91	722350	5225102	6-Jul-93	POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREWITH	Witco Corporation	Heat Stabilizers-PVC	6-Jul-10
United States	Granted	22-May-90	526833	5102933	7-Apr-92	POLYVINYLCHLORIDE COMPOSITION AND STABILIZERS THEREFOR	Witco Corporation	Heat Stabilizers-PVC	22-May-10
United States	Granted	20-June-93	492627	5656202	12-Aug-97	Method for Making Overbased PVC Stabilizer	Witco Corporation	Heat Stabilizers- PVC	Abandoned
United States	Granted	29-Dec-92	999454	5286788	15-Feb-94	Thioester Polymerization Modifiers	Witco Corporation	Heat Stabilizers- PVC	15-Feb-2011
United States	Granted	1-Dec-95	566064	5874643	23-Feb-99	Hypophosphorous Acid to Stabilize Fatty Alcohols	Witco Corporation	Heat Stabilizers-PVC	1-Dec-2015
United States	Pending	6-Apr-2010	12798578			Clear Impact Modifier, Heat Resistant Polyvinyl Halide Compositions	Corporation Chemtura	Heat Stabilizers-PVC	
United States	Pending	6-Jun-1997	08/870968		30-Mar-1999		Corporation Chemtura	Heat Stabilizers-PVC	
United States	Pending	1-Sept-2009	61/233940 (2009P026- US-PRO)				Corporation Chemtura	Heat Stabilizers-PVC	
United States	Pending	1-Sept-2009	61/233940 (2010P003.US)				Corporation Chemtura	Heat Stabilizers-PVC	
United States	Pending	26-Apr- 2010	61/328104			Bio-Based Plasticizer	Corporation Chemtura	Heat Stabilizers-PVC	