

05-30-2002



OFFICE OF PUBLIC RECORDS  
U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Form PTO-1594  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)

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FINANCE SECTION

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
 PolyOne Corporation 5-28-02

Individual(s)                       Association  
 General Partnership               Limited Partnership  
 Corporation-State  
 Other \_\_\_\_\_

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and Address of receiving party(ies)  
 Name: State Street Bank and Trust Company, N.A.  
 Internal Address: \_\_\_\_\_  
 Street Address: 61 Broadway  
 City: New York State: NY Zip: 10006

Individual(s) citizenship \_\_\_\_\_  
 Association \_\_\_\_\_  
 General Partnership \_\_\_\_\_  
 Limited Partnership \_\_\_\_\_  
 Corporation-State: \_\_\_\_\_  
 Other National Association

If assignee is not domiciled in the United States, a domestic representative designation is attached:  Yes  No  
 (Designations must be a separate document from assignment)  
 Additional name(s) & address(es) attached:  Yes  No

3. Nature of conveyance:  
 Assignment                               Merger  
 Security Agreement                       Change of Name  
 Other \_\_\_\_\_

Execution Date: January 25, 2002

4. Application number(s) or registration number(s):  
 A. Trademark Application No.(s)  
See Attached

B. Trademark Registration No.(s)  
See Attached

Additional number(s) attached  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: Intellectual Property Docketing  
 Internal Address: SHEARMAN & STERLING  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Street Address: 599 Lexington Avenue  
 \_\_\_\_\_  
 City: New York State: NY Zip: 10022

6. Total number of applications and registrations involved: ..... 142

7. Total fee (37 CFR 3.41) ..... \$ 3565  
 Enclosed  
 Authorized to be charged to deposit account

8. If check is missing or otherwise insufficient, charge deposit account number:  
50-0324  
 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Alexander Kim                              [Signature]                              May 20, 2002  
 Name of Person Signing                              Signature                              Date

Total number of pages including cover sheet, attachments, and document: 29

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patent & Trademarks, Box Assignments  
Washington, D.C. 20231

05/29/2002 6T0N11 00000198 76008362  
 01 FC:481 40.00 DP  
 02 FC:482 3525.00 DP

NYDOCS04/345873.1

TRADEMARK  
REEL: 002510 FRAME: 0161

# CONTINUATION OF TRADEMARK RECORDATION FORM COVER SHEET

## Continuation of Box 1:

2. Name of conveying party(ies):

PolyOne Distribution Company

- Individual(s)                       Association  
 General Partnership               Limited Partnership  
 Corporation-State  
 Other \_\_\_\_\_

3. Name of conveying party(ies):

PolyOne Engineered Films, Inc.

- Individual(s)                       Association  
 General Partnership               Limited Partnership  
 Corporation-State  
 Other \_\_\_\_\_

4. Name of conveying party(ies):

Lincoln & Southern Railroad Company

- Individual(s)                       Association  
 General Partnership               Limited Partnership  
 Corporation-State  
 Other \_\_\_\_\_

5. Name of conveying party(ies):

Poymer Diagnostics, Inc.

- Individual(s)                       Association  
 General Partnership               Limited Partnership  
 Corporation-State  
 Other \_\_\_\_\_

## Continuation of Box 2:

2. Name and Address of receiving party(ies)

Name: Angelita Pena

Internal  
Address: \_\_\_\_\_

Street Address: 61 Broadway

City: New York State: NY Zip: 10006

- Individual(s) citizenship United States  
 Association \_\_\_\_\_

- General Partnership \_\_\_\_\_
- Limited Partnership \_\_\_\_\_
- Corporation-State: \_\_\_\_\_
- Other \_\_\_\_\_

**Continuation of Box 4:**

A. Trademark Application No.(s)

76/008,362	76/008,361	76/016,787	76/037,365	76/229,582
75/254,624	76/245,675	76/297,167	76/239,514	76/239,358
76/239,513	76/247,357	76/232,851	76/319,470	76/136,875
76/317,249	75/669,716	75/669,721	76/143,401	76/195,579
75/844,908	75/844,907	75/845,851	76/077,543	

B. Trademark Registration No.(s)

1507634	2116269	2390002	2269584	1624843
833854	0652574	2217670	2465535	1704022
1389577	1756846	1389576	1622516	2125125
2207223	2509439	407523	2500130	1726675
1569699	2308456	2025742	1102952	2211101
2123304	2137101	1723596	0416625	2169640
2046639	1621848	2313072	1866372	2169626
2164316	2220182	1622502	1704231	2093526
1056068	1595364	2210988	1570493	1834159
1527596	2001054	2453113	1881081	2323216
1386714	1861385	2363698	2290539	2387091
645602	1734252	861263	1015583	659638
351555	2044293	748034	511127	1978733
1835824	1834118	1885722	2232872	1332752
1321673	2169490	2205128	2197529	2178252
1673872	894862	2015482	755774	1970431
758268	1982617	846885	642757	312475
2125186	2226542	1132000	2169531	2052381
1110723	2065402	2324354	981475	2207656
979670	1159976	2169529	2303370	2239616
2241935	1605544	1461916	1941468	2329026
2329062	1978675	2098882	1683548	2224279
2324355	2463947	2463935	2018278	2216905
2243498	2214632	2226541		

**NO ADDITIONAL PAGES**

## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, the "IP Security Agreement") dated January 25, 2002, is made by the Persons listed on the signature pages hereof (collectively, the "Grantors") in favor of State Street Bank and Trust Company, N.A., as corporate trustee, and Angelita Pena, as individual trustee and, together with the corporate trustee, the "Collateral Trustees" for the Representatives and the Secured Holders (as defined in the Collateral Trust Agreement referred to below).

### PRELIMINARY STATEMENTS.

1. PolyOne Corporation, an Ohio corporation, and certain other parties, as grantors, have entered into a Collateral Trust Agreement dated as of January 25, 2002 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Collateral Trust Agreement"), with the Collateral Trustees. Terms defined in the Collateral Trust Agreement and not otherwise defined herein are used herein as defined in the Collateral Trust Agreement.

2. Each Grantor has executed and delivered that certain Security Agreement dated January 25, 2002 made by the Grantors to the Collateral Trustees (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement").

3. Under the terms of the Security Agreement, the Grantors have granted a security interest in, among other property, certain intellectual property of the Grantors to the Collateral Trustees for the ratable benefit of the Representatives and the Secured Holders, and have agreed as a condition thereof to execute this IP Security Agreement for recording with the U.S. Patent and Trademark Office, the United States Copyright Office and other governmental authorities.

NOW, THEREFORE, upon the Collateral Trigger, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

SECTION 1. Grant of Security. Each Grantor hereby grants to the Collateral Trustees for the ratable benefit of the Representatives and the Secured Holders a security interest in and to all of such Grantor's right, title and interest in and to the following (the "Collateral"):

- (i) the United States patents and patent applications set forth in Schedule A hereto together with all reissues, divisions, continuations, continuations-in-part, extensions and reexaminations thereof, and all rights therein provided by international treaties or conventions (the "Patents");
- (ii) the United States trademark and service mark registrations and applications set forth in Schedule B hereto (the "Trademarks");
- (iii) the copyrights and United States copyright registrations and applications set forth in Schedule C hereto (the "Copyrights");
- (iv) any and all claims for damages for past, present and future infringement, misappropriation or breach with respect to the Patents, Trademarks and Copyrights, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and
- (v) any and all proceeds of the foregoing.

SECTION 2. Security for Obligations. The grant of a security interest in, the Collateral by each Grantor under this IP Security Agreement secures the payment of all Secured Obligations of such Grantor.

SECTION 3. Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner of Patents and Trademarks and any other applicable government officer record this IP Security Agreement.

SECTION 4. Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

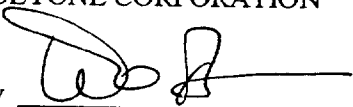
SECTION 5. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Trustees with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein.

SECTION 6. Governing Law. This IP Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

IN WITNESS WHEREOF, each Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

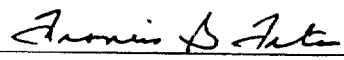
Address for Notices:  
33587 Walker Road  
Avon Lake, OH 44012

POLYONE CORPORATION

By   
Title: Assistant Secretary

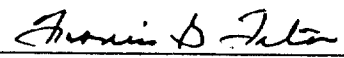
Address for Notices:  
33587 Walker Road  
Avon Lake, OH 44012

POLYONE DISTRIBUTION COMPANY

By   
Title: Assistant Secretary

Address for Notices:  
33587 Walker Road  
Avon Lake, OH 44012

POLYONE ENGINEERED FILMS, INC.

By   
Title: Assistant Secretary

Address for Notices:  
33587 Walker Road  
Avon Lake, OH 44012

POLYONE DIAGNOSTICS, INC.

By   
Title: Assistant Secretary

Address for Notices:  
33587 Walker Road  
Avon Lake, OH 44012

LINCOLN & SOUTHERN RAILROAD CO.

By   
Title: Assistant Secretary

Address for Notices:  
33587 Walker Road  
Avon Lake, OH 44012

BURTON RUBBER COMPANY

By   
Title: Assistant Secretary

PATENTS, TRADEMARKS AND  
TRADE NAMES, COPYRIGHTS AND LICENSES

POLYONE CORPORATION US COPYRIGHTS  
JANUARY 18, 2002

er	COPYRIGHT	Application No.	Registration No.	Status
FLEX	BRIGHT TIGER AD	TX4-463-446	TX4-463-446	Registered
FLEX	PCMASTER FLYER	TX4-540-049	TX4-540-049	Registered
N	THE GEON WAY	TX4-504-571	TX4-504-571	Registered
FLEX	WCS DISPENSEMASTER AD	TX4-383-077	TX4-383-077	Registered
FLEX	WE'RE EXCITED! AD	TX4-359-743	TX4-359-743	Registered
FLEX	WILFLEX COLOR SYSTEMS GUIDE	TX4-356-059	TX4-356-059	Registered
FLEX	WILFLEX COLOR SYSTEMS SOFTWARE	TX4-739-509	TX4-356-059	Registered
FLEX	WILFLEX PLASTISOL COLOR BOOK	TX3-085-345	TX3-085-345	Registered
FLEX	WILFLEX TEXTILE USER'S GUIDE	TX4-520-256	TX4-520-256	Registered

POLYONE CORPORATION US TRADEMARK ASSETS  
 OF THE FORMER THE GEON COMPANY  
 JANUARY 18, 2002

Owner	Mark	Application No.	Registration No.	Status
POLYONE	AEROFLEX	73/622479	1507634	Registered
POLYONE	AUTOGUARD OEM	76/008362		Pending
POLYONE	AUTOMASK	76/008361		Pending
POLYONE	BRIGHT TIGER	75/210103	2116269	Registered
POLYONE	CASTILLIAN	75/852739	2390002	Registered
POLYONE	COLORMASTER	75/314433	2269584	Registered
POLYONE	COPY DEFENDER	76/016787		Pending
POLYONE	CSW	73-806467	1624843	Registered
POLYONE	CYCOVIN	245559	833854	Registered
POLYONE	DENFLEX	72-017710	0652574	Registered
POLYONE	DISPENSEMASTER	75/185188	2217670	Registered
POLYONE	DURACAP	76/037364	2465535	Registered
POLYONE	DURAFLEC	76/037365		Pending
POLYONE	ECOVINYL	74/056675	1704022	Registered
POLYONE	FIBERLOC	553670	1389577	Registered
POLYONE	FIBERLOC & DESIGN	74/290901	1756846	Registered
POLYONE	FIBERLOC & DESIGN	553669	1389576	Registered
POLYONE	FLEXCLEAR	74-033571	1622516	Registered
POLYONE	FLEXEL	75/149874	2125125	Registered
POLYONE	GENESIS	75/384159	2207223	Registered
POLYONE	GEO-PAL & DESIGN	76/121245	2509439	Registered
POLYONE	GEON	466791	407523	Registered
POLYONE	GEON AND DESIGN	76/121246	2500130	Registered
POLYONE	GREEN LINE	74-136540	1726675	Registered
POLYONE	H2OKAY!	73-707076	1569699	Registered
POLYONE	HI-PRO II	75/440239	2308456	Registered
POLYONE	HTE	75/068185	2025742	Registered
POLYONE	INSTATHANE	73-146358	1102952	Registered
POLYONE	LUNA CLEAR	75/394856	2211101	Registered
POLYONE	MATCHMAKER	75/182471	2123304	Registered
POLYONE	ONE PACPUFF	75/232959	2137101	Registered
POLYONE	OSULLIVAN	74-150967	1723596	Registered
POLYONE	OSULLIVAN'S	71-469938	0416625	Registered
POLYONE	P.O.A.	76/229582		Pending
POLYONE	PCMASTER	75/254624		Pending
POLYONE	PENNANT WHITE	75/314431	2169640	Pending
POLYONE	PLAS-TEX	74/734010	2046639	Registered
POLYONE	PLAST-O-MERIC	74/032094	1621848	Registered
POLYONE	PLAST-O-MERIC	76/245675		Pending
POLYONE	PLENSTAR	76/297167		Pending
POLYONE	POLYFOAM	76/239514		Pending
POLYMER AGNOSTICS	POLYMER DIAGNOSTICS & DESIGN	75/440750	2313072	Registered
POLYONE	POLYPEARL	76/239358		Pending
POLYONE	POLYPEARL PLUS	76/239513		Pending
POLYONE	POLYTRON	74/341953	1866372	Registered
POLYONE	POLYWHITE	75/313113	2169626	Registered
POLYONE	PRINTER'S CHOICE	74/734009	2164316	Registered
POLYONE	PROFLEX	76/247357		Pending
POLYONE	REGALITE	75-331121	2220182	Registered



POLYONE CORPORATION US TRADEMARK ASSETS  
 OF THE FORMER THE GEON COMPANY  
 JANUARY 18, 2002

Owner	Mark	Application No.	Registration No.	Status
POLYONE	REGALTECH	73-813589	1622502	Registered
POLYONE	RENAISSANCE	74-046140	1704231	Registered
POLYONE	REVELATION INKS	74/734008	2093526	Registered
POLYONE	ROLL-A-GLASS	73-055612	1056068	Registered
POLYONE	S'OFFICE	73-806539	1595364	Registered
POLYONE	SUPERGUARD HT	75/384160	2210988	Registered
POLYONE	SYNERGISTICS	73/671412	1570493	Registered
POLYONE	SYNERGISTICS & DESIGN	74/154781	1834159	Registered
POLYONE	SYNPRENE	73/721431	1527596	Registered
POLYONE	TAL-FLEX	74/702216	2001054	Registered
POLYONE	TRANSFLEX	76/039688	2453113	Registered
POLYONE	TRANSFLEX SCREEN PRINTING INKS	74/347613	1881081	Registered
POLYONE	ULTRALITE	75-507722	2323216	Registered
POLYONE	ULTRALITE	73-203120	1386714	Registered
POLYONE	ULTRASHIELD	74-316142	1861385	Registered
POLYONE	ULTRASHIELD	75-496424	2363698	Registered
POLYONE	ULTRASHIELD AND DESIGN	75-425096	2290539	Registered
POLYONE	VELVET CRUSH	76/232851		Pending
POLYONE	VISIONS	75-613199	2387091	Registered
POLYONE	WILFLEX	72/013749	645602	Registered
POLYONE	WILFLEX	76/319470		Pending
POLYONE	WILFLEX (STYLIZED)	741243041	1734252	Registered

POLYONE CORPORATION US PATENT ASSETS  
OF THE FORMER THE GEON COMPANY  
JANUARY 18, 2002

Owner	Patent Number	Application Number	Status	Title
POLYONE	4496692	06/567285	ISSUED	IMPROVED MOLDING COMPOSITIONS OF POLYVINYL CHLORIDE AND POLYMERIZABLE PLASTICIZERS
POLYONE	4536360	06/630421	ISSUED	GLASS FIBER REINFORCED VINYL CHLORIDE POLYMER PRODUCTS AND PROCESS FOR THEIR PREPARATION
POLYONE	4581413	06/685646	ISSUED	IMPROVED VINYL DISPERSION RESINS
POLYONE	4751118	06/768987	ISSUED	CLEAR POLYVINYL CHLORIDE ARTICLES AND COMPOSITIONS
POLYONE	4693800	06/802930	ISSUED	PROPERTY VARIATION OF DISPERSION RESINS BY ELECTROFILTRATION
POLYONE	4728677	06/868857	ISSUED	WEATHERABLE VINYL POLYMER COMPOSITIONS
POLYONE	4755414	07/128138	ISSUED	WEATHERABLE VINYL POLYMER COMPOSITIONS
POLYONE	4801627	06/897437	ISSUED	GLASS FIBER REINFORCED VINYL CHLORIDE POLYMER PRODUCTS AND PROCESS FOR THEIR PREPARATION
POLYONE	4711908	07/038099	ISSUED	SKINLESS POROUS PARTICLE PVC RESIN AND PROCESS FOR PRODUCING SAME
POLYONE	4757092	07/107425	ISSUED	SKINLESS POROUS PARTICLE PVC RESIN AND PROCESS FOR PRODUCING SAME
POLYONE	4757091	07/107426	ISSUED	SKINLESS POROUS PARTICLE PVC RESIN AND PROCESS FOR PRODUCING SAME
POLYONE	4755538	07/106836	ISSUED	SKINLESS POROUS PARTICLE PVC RESIN AND PROCESS FOR PRODUCING SAME

NYDOCS03/608369

POLYONE CORPORATION US PATENT ASSETS  
 OF THE FORMER THE GEON COMPANY  
 JANUARY 18, 2002

Owner	Patent Number	Application Number	Status	Title
POLYONE	4755539	07/107427	ISSUED	SKINLESS POROUS PARTICLE PVC RESIN AND PROCESS FOR PRODUCING SAME
POLYONE	4742085	07/038087	ISSUED	CROSSLINKED POROUS SKINLESS PARTICLES OF PVC RESIN AND PROCESS FOR PRODUCING SAME
POLYONE	4775699	07/169797	ISSUED	CROSSLINKED POROUS SKINLESS PARTICLES OF PVC RESIN AND PROCESS FOR PRODUCING SAME
POLYONE	4775700	07/170179	ISSUED	CROSSLINKED POROUS SKINLESS PARTICLES OF PVC RESIN AND PROCESS FOR PRODUCING SAME
POLYONE	4775698	07/169795	ISSUED	CROSSLINKED POROUS SKINLESS PARTICLES OF PVC RESIN AND PROCESS FOR PRODUCING SAME
POLYONE	4775701	07/169656	ISSUED	CROSSLINKED POROUS SKINLESS PARTICLES OF PVC RESIN AND PROCESS FOR PRODUCING SAME
POLYONE	4775702	07/170182	ISSUED	CROSSLINKED POROUS SKINLESS PARTICLES OF PVC RESIN AND PROCESS FOR PRODUCING SAME
POLYONE	4820763	07/038103	ISSUED	POLY(VINYL CHLORIDE) POLYBLEND CONTAINING A CRYSTALLINE POLYESTER WITH LIMITED MISCIBILITY & REINFORCED COMPOSITES THERE
POLYONE	4870126	07/112793	ISSUED	GLASS FIBER REINFORCED POLY(VINYL CHLORIDE) BLEND WITH IMPROVED HEAT DISTORTION AND TENSILE STRENGTH
POLYONE	5008145	07/404011	ISSUED	GLASS FIBER REINFORCED POLY(VINYL CHLORIDE) BLEND WITH IMPROVED HEAT DISTORTION AND TENSILE STRENGTH
POLYONE	5130374	07/427974	ISSUED	RIGID THERMOPLASTIC COMPOSITIONS CAPABLE OF FORMING ARTICLES WITH MATTE SURFACE

NYDOC03/608369

POLYONE CORPORATION US PATENT ASSETS  
 OF THE FORMER THE GEON COMPANY  
 JANUARY 18, 2002

Owner	Patent Number	Application Number	Status	Title
POLYONE	4874858	07/173898	ISSUED	TRIAZINE-CONTAINING MULTISILANE COUPLING AGENTS FOR COATING GLASS FIBERS, FOR ADHESIVES, AND FOR PROTECTIVE COATINGS
POLYONE	4937291	07/242391	ISSUED	THERMOPLASTIC ELASTOMER BLENDS OF A POLYVINYL CHLORIDE-ACRYLATE COPOLYMER AND A CROSSLINKED NITRILE ELASTOMER
POLYONE	5036121	07/241163	ISSUED	FLAME AND SMOKE RETARDANT CABLE INSULATION AND JACKETING COMPOSITIONS
POLYONE	5380786	07/634783	ISSUED	POLYVINYL CHLORIDE BLENDS HAVING IMPROVED PHYSICAL PROPERTIES INCLUDING LOW TEMPERATURE BRITTLENESS
POLYONE	4939212	07/332672	ISSUED	ELASTICIZED VINYL DISPERSION RESINS HAVING OUTSTANDING STORAGE STABILITY
POLYONE	5059476	07/361195	ISSUED	HINGED RIGID OR SEMI-RIGID PRODUCT
POLYONE	5032462	07/381331	ISSUED	ARTICLES COATED WITH VINYL DISPERSION RESINS
POLYONE	5104741	07/418318	ISSUED	PLASTICIZED ARTICLES HAVING VINYL RESIN-BASED PRODUCTS IN CONTACT WITH POLYMERIC OR POLYMER COATED SUBSTRATES
POLYONE	5084510	07/428571	ISSUED	VINYL HALIDE POLYMERS MODIFIED WITH OLEFINIC NITRILE POLYMERS
POLYONE	5157076	07/719068	ISSUED	THERMOPLASTIC ELASTOMERS WITH IMPROVED ABRASION RESISTANCE
POLYONE	5141042	07/762036	ISSUED	WEB COVERED VERTICAL BLIND SLAT ASSEMBLIES
POLYONE	5080968	07/481263	ISSUED	COMPOSITES OF VINYL RESINS AND ELASTOMER-COATED FIBERS

NYDOCS03/608369

Owner	Patent Number	Application Number	Status	Title
				COATED FIBERS
POLYMER	5214087	07/498508	ISSUED	VINYL HALIDE POLYMER: ETHYLENE-VINYL ALCOHOL BLENDS CONTAINING PHENOLIC ANTIOXIDANT
POLYONE	5119871	07/505374	ISSUED	OPACIFIED PEARLESCENT MULTILAYER LOUVER FOR VERTICAL BLINDS
POLYONE	5153269	07/620677	ISSUED	THERMOPLASTIC ELASTOMER BLENDS OF A POLYVINYL CHLORIDE-ACRYLATE COPOLYMER AND A CURED ACRYLATE ELASTOMER
POLYONE	5143953	07/635042	ISSUED	N-ALKYL MALEIMIDE THERMAL STABILIZERS FOR VINYL HALIDE POLYMERS
POLYONE	5143975	07/698018	ISSUED	POLYVINYL CHLORIDE BLENDS
POLYONE	5247019	07/714119	ISSUED	FROSTED POLYMERIC ARTICLES AND PROCESS FOR PRODUCING SAME
POLYONE	5198303	07/720559	ISSUED	PAINTABLE HIGH SPECIFIC ADHESION POLYVINYL HALIDE COPOLYMER COMPOSITIONS
POLYONE	5248546	07/752291	ISSUED	VINYL BASED ARTICLES IN CONTACT WITH CHLORO-FLUORO CHEMICALS
POLYONE	5356282	07/822813	ISSUED	BLOW MOLDING EXTRUSION HEAD
POLYONE	5199652	07/843710	ISSUED	METHOD OF SEPARATING A MIXTURE OF TWO PLASTICS WITH SIMILAR SPECIFIC GRAVITIES
POLYONE	5194209	07/858385	ISSUED	OPACIFIED PEARLESCENT MULTILAYER LOUVER FOR VERTICAL BLINDS
POLYONE	5210140	07/867246	ISSUED	POLYVINYL CHLORIDE BLENDS

NYDOCS03/608369

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POLYONE CORPORATION US PATENT ASSETS  
 OF THE FORMER THE GEON COMPANY  
 JANUARY 18, 2002

SCHEDULE

Owner	Patent Number	Application Number	Status	Title
POLYONE	5298558	07/888927	ISSUED	CHAIN EXTENDED LOW MOLECULAR WEIGHT POLYOXIRANES FOR ELECTROSTATIC APPLICATIONS
POLYONE	5183212	07/871781	ISSUED	METHOD FOR SEPARATING MULTILAYER PLASTICS INTO ITS COMPONENTS
POLYONE	5198170	07/930972	ISSUED	IMPROVED METHOD FOR EXTRUSION OF POWDERED PVC COMPOUNDS
POLYONE	5290890	07/995722	ISSUED	IMPROVED METHOD OF PREPARING DISPERSION PVC RESINS AND ARTICLES DERIVED THEREFROM
POLYONE	5747556	08/001993	ISSUED	OPACIFIED PEARLESCENT MULTILAYER LOUVER FOR VERTICAL BLINDS
POLYONE	4659766	06/552890	ISSUED	GRAFT COPOLYMER - PLASTICIZED PVC BLENDS AS THERMOPLASTIC ELASTOMERS
POLYONE	4764552	06/933956	ISSUED	GRAFTED NITRILE RUBBER - PLASTICIZED PVC BLENDS AS THERMOPLASTIC ELASTOMERS
POLYONE	5284434	08/042213	ISSUED	METHOD OF SEPARATING A MIXTURE OF TWO PLASTICS WITH SIMILAR SPECIFIC GRAVITIES
POLYONE	5422399	08/084339	ISSUED	RIGID THERMOPLASTIC COMPOSITIONS CAPABLE OF FORMING ARTICLES WITH MATTE SURFACE
POLYONE	5496630	08/076328	ISSUED	THERMOPLASTIC MULTILAYER LOUVER WITH A POLISHED METAL LOOK
POLYONE	5358024	08/120312	ISSUED	WEB COVERED VERTICAL BLIND SLAT ASSEMBLIES
POLYONE	5360872	08/142881	ISSUED	A METHOD FOR ENHANCING THE MISCIBILITY OF HALOGENATED POLYMERS WITH IMMISCIBLE POLYMERS

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POLYONE CORPORATION US PATENT ASSETS  
OF THE FORMER THE GEON COMPANY  
JANUARY 18, 2002

Owner	Patent Number	Application Number	Status	Title
POLYONE	5494718	08/182896	ISSUED	RIGIDIZER FOR PLASTIC VESSELS
POLYONE	5231127	07/935674	ISSUED	METAL TITANATES AS PARTIAL REPLACEMENTS FOR TITANIUM DIOXIDE IN PIGMENTED POLYVINYL CHLORIDE-TYPE COMPOSITIONS
POLYONE	5109051	07/492702	ISSUED	ALUMINOSILICATE COMPOSITIONS AS PARTIAL REPLACEMENT FOR TITANIUM DIOXIDE IN PIGMENTED POLYVINYL CHLORIDE AND
POLYONE	5507999	08/228063	ISSUED	PROCESS FOR THERMOFORMING PLASTIC MATERIALS
POLYONE	5536462	08/279133	ISSUED	HIGH OUTPUT TWIN SCREW EXTRUSION
POLYONE	4634562	06/299770	ISSUED	A PHOTOCURABLE POLYVINYL CHLORIDE COMPOSITION
POLYONE	5938080	08/803588	ISSUED	SYSTEM AND APPARATUS FOR DISPENSING HIGH VISCOSITY PIGMENTS
POLYONE	4952447	08/263765	ISSUED	BARRIER LAYER IN BETWEEN POLYURETHANE FOAM AND VINYL SKIN
POLYONE	6216608	09/334351	ISSUED	PLASTIC PALLET
POLYONE	5380928	08/107979	ISSUED	TWO STEP OXIDATION PROCESS FOR THE PRODUCTION OF CARBOXYLIC ACIDS SUCH AS AZELAIC ACID FROM UNSATURATED SUBSTRATES
POLYONE	5101064	07/494092	ISSUED	PRODUCTION OF TEREPHTHALATE ESTERS BY DEGRADATIVE TRANSESTERIFICATION OF SCRAP OR VIRGIN TEREPHTHALATE POLYES
POLYONE	5319128	07/860,188	ISSUED	PRODUCTION OF TEREPHTHALATE ESTERS BY DEGRADATIVE TRANSESTERIFICATION OF SCRAP OR VIRGIN TEREPHTHALATE POLYES

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Owner	Patent Number	Application Number	Status	Title
POLYONE	4789597	07/002207	ISSUED	INCORPORATION OF CHEMICALLY REACTIVE AGENTS ON RESIN PARTICLES
POLYONE	5472990	58/337174	ISSUED	METHOD AND APPARATUS FOR NUCLEATION OF POLYURETHANE FOAM WHICH RESULTS IN SELF-ADHERING MICROCELLULAR FOAM
POLYONE	5215586	07/774214	ISSUED	APPARATUS FOR COLLECTING AN OVERSPRAY
POLYONE		09/803138	PENDING	PLASTIC PALLET
POLYONE		09/843233	PENDING	LOW PERMEABILITY BEVERAGE CONTAINER
POLYONE		09/844459	PENDING	A COMPOSITION AND METHOD FOR PURGING POLYMER PROCESSING EQUIPMENT
POLYONE		09/575534	PENDING	MOLDING COMPOSITION FOR THE TRANSFER OF MICRO-STRUCTURED SURFACES
POLYONE		09/975700	PENDING	VACUUM FORMED THERMOPLASTIC FILMS AND ARTICLES THEREFROM
POLYONE		60/302264	PENDING	COMPOSITION AND METHOD FOR FOAMING RESIN

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POLYONE CORPORATION

JANUARY 18, 2002

United States Trademark Registrations and Applications by Owner of the  
Former M.A. Hanna Company

LUBREX	Registered	861263	289506
MBZ	Registered	1015583	73/036810
NEOPHAX	Registered	659638	006064
PLASTONE	Registered	351555	71/393034
POLYBOUND	Registered	2044293	74/579864
STAN-MAG	Registered	748034	140125
STAN-TONE (Stylized)	Registered	511127	513885
VVO	Registered	1978733	74/476208

Owner: *M.A. Hanna Resin  
Distribution*

Trademark Name	Status	Registration Number	Application Number
DELIVERING PERFORMANCE	Registered	1835824	74/383091
DESIGN ONLY - of a beaker	Registered	1834118	74/383026

Owner: *Melos Carl Boesch GmbH*

Trademark Name	Status	Registration Number	Application Number
MELOS	Published		76/136875

Owner: *PolyOne Belgium SA*

Trademark Name	Status	Registration Number	Application Number
SMARTBATCH	Pending		76/317249

Owner: *PolyOne Corporation*

Trademark Name	Status	Registration Number	Application Number
AMERICA'S COMPOUNDER	Registered	1885722	431186
CELPRO	Registered	2232872	75/297084

Owner: *ALLIED COLOR INDUSTRIES, INC.*

Trademark Name	Status	Registration Number	Application Number
ALLIED (AND DESIGN)	Registered	1332752	73/474906
GEL-TEX	Registered	1321673	73/472487

Owner: *COMPOUNDING TECHNOLOGY, INC.*

Trademark Name	Status	Registration Number	Application Number
CTI FIBRE-TECH.	Registered	2169490	75/297828
CTI LUBRI-TECH.	Registered	2205128	75/298230
CTI STAT-TECH.	Registered	2197529	75/298246
CTI THERMA-TECH.	Registered	2178252	75/297988

Owner: *HARWICK CHEMICAL MFG. CORP.*

Trademark Name	Status	Registration Number	Application Number
ACCU-WAY	Registered	1673872	74/040607
ADAPHAX	Registered	894862	72/332906
ADVANCE	Registered	2015482	75/023588
AMBEREX	Registered	755774	150977
CARTER BELL & Bell Design	Registered	1970431	74/506213
CHC & Design	Registered	758268	152303
CHC (Stylized) & Design	Registered	1982617	74/706343
DESICAL	Registered	846885	256193
FACTICE (Stylized)	Registered	642757	71/680701
FACTICE (Stylized)	Registered	312475	71/355,155
CHASE IMAGE	Registered	2125186	75/163831
CHASE WAVE	Registered	2226542	75/163968
COLONIAL (STYLIZED)	Registered	1132000	73/147107
COMPETE	Registered	2169531	75/303039
CREATING THE RIGHT MIX	Registered	2052381	75/066763
DESIGN OF PILGRIM'S HEAD	Registered	1110723	147110
DURMAX	Published		75/669716
EDGEGL0	Registered	2065402	74/544496
EDGETEK	Registered	2324354	75/669715
ELASTAMAX	Published		75/669721
EM PEE (STYLIZED)	Registered	981475	435755
FASTMARK	Registered	2207656	75/297697
FREEZ DRI	Registered	979670	406395
GRID-PAK	Registered	1159976	235515
HANNA FX	Registered	2169529	75/302772
HANNA IMAGE ANALYSIS	Registered	2303370	75/393682
HANNASPHERE	Registered	2239616	75/308873

HOLOFLAKE	Registered	2241935	75/297698
HT PLUS (AND DESIGN)	Registered	1605544	73/828265
HT SERIES	Registered	1461916	73/648470
HYDRO FLOW	Registered	1941468	74/413486
M.A. HANNA	Registered	2329026	75/646749
M.A. HANNA	Registered	2329062	75/650522
MAXXAM	Registered	1978675	74/434681
MONMOUTH	Registered	2098882	75/086411
MULTI-PURGE	Registered	1683548	111741
NITEBRITE	Registered	2224279	75/423699
NYMAX	Registered	2324355	75/669719
ODESSA	Pending		76/143401
POLYONE	Published		76/195579
POLYONE	Registered	2463947	76/070573
POLYONE	Registered	2463935	76/068650
POS	Registered	2018278	74/627261
PPROTINT	Registered	2216905	75/250188
SPEED SHADE	Published		75/844908
SPEEDECOLOR	Pending		75/844907
SPEEDECOLOR	Published		75/845851
TRANSFLECT	Registered	2243498	75/296976
W WILSON (and design)	Registered	2214632	75/398488
WAVE	Registered	2226541	75/163689
ZIP	Pending		76/077543

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**United States Patent Registrations and Applications by Owner of the  
Former M.A. Hanna Company**

<b>Patent Number</b>	<b>Application Number</b>	<b>Status</b>	<b>Title</b>
<i>Assignee: M.A. HANNA COMPANY</i>			
5496684	08/122400	Granted	PHOTOSENSITIVE COMPOSITIONS AND ELEMENTS FOR FLEXOGRAPHIC PRINTING
5851731	08/707862	Granted	COMPOSITION FOR THE MANUFACTURE OF FLEXOGRAPHIC PRINTING PLATES
4911830	199280	Granted	FLUORESCENT PIGMENT CONCENTRATES
5686515	08/557685	Granted	COLORLED POLYETHYLENE TEREPHTHALATE COMPOSITIONS AND PROCESS OF ITS MANUFACTURE
5496685	08/122682	Granted	PHOTOSENSITIVE COMPOSITIONS AND ELEMENTS FOR FLEXOGRAPHIC PRINTING
	09/189464	Pending	DAYLIGHT/NIGHTGLOW COLORED PHOSPHORESCENT PLASTIC COMPOSITIONS AND ARTICLES

<b>Patent Number</b>	<b>Application Number</b>	<b>Status</b>	<b>Title</b>
<i>Assignee: M.A. HANNA COMPANY ENG. MATERI</i>			
5806283	08/631797	Granted	VACUUM PACKAGING OF PLASTIC BLENDS
<i>Assignee: M.A. HANNACOLOR</i>			
5866054	PCT/US98/11299	Published	CONTROLLED COLOR LASER MARKING OF PLASTICS
	08/965271	Granted	COMPOSITION AND METHOD FOR EXTRUDING PLASTIC ARTICLES HAVING ACCENT COLOR PATTERN (divisional 1) [WOOD GRAIN VINYL]
5976411	PCT/US98/26478	Published	LASER MARKING OF PHOSPHORESCENT PLASTIC ARTICLES - PCT
	08/991705	Granted	LASER MARKING OF PHOSPHORESCENT PLASTIC ARTICLES
	PCT/US98/11745	Published	CONCENTRATE COMPOSITIONS FOR IMPARTING A TRANSLUCENT

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**TRADEMARK  
REEL: 002510 FRAME: 0180**

Patent Number	Application Number	Status	Title
			FOR IMPARTING A TRANSLUCENT OPTICAL EFFECT TO TRANSPARENT THERMOPLASTIC POLYMERS
	PCT/US97/05445	Published	COMPOSITION AND METHOD FOR EXTRUDING PLASTIC ARTICLES HAVING ACCENT COLOR PATTERN
5977514	08/874401	Granted	CONTROLLED COLORED LASER MARKING OF PLASTICS
5866639	08/625694	Granted	COMPOSITION AND METHOD FOR EXTRUDING PLASTIC ARTICLES HAVING ACCENT COLOR PATTERN
5869176	08/965236	Granted	COMPOSITION AND METHOD FOR EXTRUDING PLASTIC ARTICLES HAVING ACCENT COLOR PATTERN (divisional 2) [WOOD GRAIN VINYL]
	09/480955	Pending	COMPOSITIONS FOR IMPARTING A TRANSLUCENT OPTICAL EFFECT TO TRANSPARENT THERMOPLASTIC POLYMERS
	09/594378	Pending	COLORANT FEEDER APPARATUS FOR POLYMER PROCESSING MACHINE
6118096	09/322548	Granted	LASER MARKING OF PHOSPHORESCENT PLASTIC ARTICLES [Claims 28-42 and 44-46]
	PCT/US99/26430	Published	DAYLIGHT/NIGHTGLOW COLORED PHOSPHORESCENT PLASTIC COMPOSITIONS AND ARTICLES
6168853	09/322486	Granted	LASER MARKING OF PHOSPHORESCENT PLASTIC ARTICLES [Claims 15-27 and 46]
6017972	09/322589	Granted	CONTROLLED COLOR LASER MARKING OF PLASTICS [Claims 21-24 and 29-30]
	09/321877	Pending	CONTROLLED COLOR LASER MARKING OF PLASTICS [Claims 25-26 and 29-30]
6022905	09/322000	Granted	CONTROLLED COLOR LASER MARKING OF PLASTICS [Claims 29 and 30]
6254363	09/488251	Granted	LIQUID COLORANT TUBE ASSEMBLY

Assignee: M.A.  
HannaRubberCompoundi

NYDOCS03/608369

**TRADEMARK**  
**REEL: 002510 FRAME: 0181**

Patent Number	Application Number	Status	Title
<i>ng</i>	PCT/US98/13758	Published	SYSTEM AND METHOD FOR MEASURING AND CONTROLLING THE QUALITY OF DISPERSION OF FILLER PARTICLES IN RUBBER COMPOUNDS
5974167	08/887913	Granted	SYSTEM AND METHOD FOR MEASURING AND CONTROLLING THE QUALITY OF DISPERSION OF FILLER PARTICLES IN RUBBER COMPOUNDS
	PCT/US98/23294	Published	DYNAMIC MIXER CONTROL IN PLASTICS AND RUBBER PROCESSING
5676461	08/617361	Granted	OIL INJECTION APPARATUS AND METHOD FOR POLYMER PROCESSING
5865535	08/965307	Granted	DYNAMIC MIXER CONTROL IN PLASTICS AND RUBBER PROCESSING
Assignee: <i>MACHI INC.</i>			
5059261	07/526832	Granted	PROCESSING OF MATERIALS USING RUPTURABLE MICROCAPSULES CONTAINING DETECTION MATERIALS
Assignee: <i>POLYONE CORPORATION</i>			
	60/302264	Pending	A COMPOSITION AND METHOD FOR FOAMING RESIN
	09/595111	Pending	COLOR MATCHING SYSTEM AND METHOD
	PCT/US01/19068	Pending	COLORANT FEEDER APPARATUS FOR POLYMER PROCESSING MACHINE
	PCT/US01/40994	Pending	COLOR MATCHING SYSTEM AND METHOD

**PolyOne License Agreements**

1/17/02

<b>Docket #</b>	<b>Effec. Date</b>	<b>Type of License Agreement</b>	<b>Between These Parties</b>
2810070	10/1/82	Trademark/License Agreement	BFGoodrich & BFGoodrich, Canada
2930516	3/30/95 *	Pearlescent Louver License Agreement (U.S. Patents 5,119,871; 5,194,209)	Geon & Springs Window Fashions, 7549 Graber Road Middleton, WI 53562
2930522	2/8/94 *	Pearlescent Louver License Agreement (U.S. Patents 5,119,871; 5,194,209)	Geon & Continental Extrusions, 7530 NW 79 <sup>th</sup> St. Medley, FL 33166
2930524	11/9/93 *	Pearlescent Louver License Agreement (U.S. Patents 5,119,871; 5,194,209)	Geon & Biromex Inc. 4100 N. Power Line Rd., Z-4, Z-5 Pompano Beach, FL 33473
2930525	11/22/94 *	Pearlescent Louver License Agreement (U.S. Patents 5,119,871; 5,194,209)	Geon & Hunter Douglas 8363 N.W. 54 <sup>th</sup> Street Miami, FL 33166
2930526	12/1/93 *	Pearlescent Louver License Agreement (U.S. Patents 5,119,871; 5,194,209)	Geon and Queplex Ltee. 4960 Boul Des Grands Prairies St. Leonard, Quebec H1R 1X4
2940004	10/28/94 *	Pearlescent Louver License Agreement (U.S. Patents 5,119,871; 5,194,209)	Geon & Royal Plastics Group 4945 Steeles Ave. W. Weston, Ont. Canada M9L 1R4
2940005	5/18/94 *	Pearlescent Louver License Agreement (U.S. Patents 5,119,871; & 5,194,209)	Geon & Elite Industries One Applewood Crescent, Unit One Concord Canada L4K 4K1

Docket #	Effec. Date	Type of License Agreement	Between These Parties
2940006	7/26/94 *	Pearlescent Louver License Agreement (U.S. Patents 5,119,871; 5,194,209)	Geon & Montage Inc. 7154 State Route 88, Ravenna, OH 44266. Montage assigned the agreement on 5/29/96 to Eclipse Blind Systems Inc. 10125 N.W. 116 <sup>th</sup> Way, Suite 1 Medley, FL 33178
2940007	8/4/94 *	Sub-License Agreement on PVC K-50 Technology	Geon & Hydro Geon Newton Aycliffe, County Durham DL5 6EA England. Sub-licensed to Hydro Polymers Ltd.
2950065	4/25/96	Trademark Agreement	PolyOne & SPC Geon Ltd. 41 Shipyard Road Singapore 628134.
2950066	4/25/96	PVC Compound Technology Agreement	PolyOne and SPC Geon Ltd. 41 Shipyard Road Singapore 628134.
2950067	3/13/97 *	Pearlescent Louver License Agreement (U.S. Patents 5,119,871; 5,194,209)	Geon & G.E. Vinyl 9104 Northwest 106 <sup>th</sup> Street Medley, FL 33178
2960004	3/14/96 *	Pearlescent Louver License Agreement (U.S. 5,119,871; 5,194,209)	Geon & Quadraplast Inc. 18 Rue Sicard, Suite 10 Ste. Therese, Quebec, Canada J7E 3W6



<b>Docket #</b>	<b>Effec. Date</b>	<b>Type of License Agreement</b>	<b>Between These Parties</b>
2960010	3/24/97 *	Pearlescent Louver License Agreement (U.S. Patents 5,119,871; 5,194,209)	Geon & 3-Day Blind, Inc. 2220 E. Cerritos Avenue Anaheim, CA 92806
2960011	5/20/96 *	Pearlescent Louver License Agreement (U.S. Patents 5,119,871 & 5,194,209)	Geon & U.S. Polymers, Inc. 6915 East Slauson Ave. Commerce, CA 90040
2980004	3/20/98 *	Pearlescent Louver License Agreement (U.S. Patents 5,119,871; 5,194,209)	Geon & Sonoplastics, Inc. 1610 Eiffel Street, Boucherville Quebec, Canada J4B 5Y1
2980005	3/23/98 *	Pearlescent Louver License Agreement (U.S. Patents 5,119,871, 5,194,209)	Geon & Poly Style Industries Inc. 9200 N.W. 102 St. Medley, FL 33178
2980020	9/24/97	Trademark License Agreement	Geon & Brian Industries Inc. 435 South 1690 E. Fruit Heights, Utah 84037
2990002	1/1/99	PVC Technical & Service Agreement	Geon & Geon Canada Inc. 8800 Thorold Town Line Road Niagara Falls, Ontario, Canada

Docket #	Effec. Date	Type of License Agreement	Between These Parties
	4/30/99	PVC Powder Compounding Technology Agreement—Patent License and Know-How	Geon & PVC Powder Blends LP
	4/30/99	PVC Resin & VCM Technology Agreement—Patent License and Know-How	Geon & OxyVinyls
2990008	9/20/99	PVC Compound Technology Agreement	Geon & Polimeros Andinos S.A. 9 <sup>th</sup> Kilometer, Via Mamonal Cartagena, Colombia
2990011	9/20/99	Joint Venture Agreement	Geon & Petroquimica Colombiana S.A.. 9 <sup>th</sup> Kilometer, Via Mamonal Cartagena, Colombia
2990013	9/20/99	Trademark License Agreement	Geon & Polimeros Andinos, S.A. 9 <sup>th</sup> Kilometer, Via Mamonal Cartagena, Colombia
1980001	9/25/01	Pallet License Agreement (U.S. Patent pending—filed 3/9/01 Serial #09/803138 & if issued expiring 7/1/2018 and U.S. Patent 6,216,608 expiring 7/1/2018) and GeoPal Trademark License Agreement	Montville Plastics & Rubber, Inc. 15567 Main Market Road (U.S. 422) Parkman, OH 44080

\* Royalties accountable to third party pursuant to sub-licensing agreement