

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the nature of conveyance from an assignment to a security agreement previously recorded on Reel 025857 Frame 0137. Assignor(s) hereby confirms the Assignment.

CONVEYING PARTY DATA

Name	Execution Date
Deutsche Bank Trust AG New York Branch, as resigning administrative agent and collateral agent	02/23/2011

RECEIVING PARTY DATA

Name:	JPMorgan Chase Bank, N.A., as Collateral Agent
Street Address:	1111 Fannin, 10th Floor
City:	Houston
State/Country:	TEXAS
Postal Code:	77002

PROPERTY NUMBERS Total: 138

Property Type	Number
Patent Number:	5120817
Patent Number:	5266671
Patent Number:	5099073
Patent Number:	5011926
Patent Number:	5091585
Patent Number:	5140090
Patent Number:	5071980
Patent Number:	5153232
Patent Number:	5218005
Patent Number:	5189075
Patent Number:	5248756
Patent Number:	5162388
Patent Number:	5235007

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Patent Number:	5414087
Patent Number:	5254668
Patent Number:	5298618
Patent Number:	5288873
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Patent Number:	6476237
Patent Number:	6458969
Patent Number:	6887830
Patent Number:	6887839
Patent Number:	6586164
Patent Number:	6482292

CORRESPONDENCE DATA

Fax Number: (212)656-1342
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 212-701-3345
Email: david.adams@thomsonreuters.com
Correspondent Name: James P. Murphy, Legal Assistant
Address Line 1: 80 Pine Street
Address Line 2: Cahill Gordon & Reindel LLP
Address Line 4: New York, NEW YORK 10005

NAME OF SUBMITTER: David Adams

Total Attachments: 23
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TO: JIM MURRAY COMPANY: 4400 EASTON COMMONS WAY, SUITE 125

PATENT ASSIGNMENT

Electronic Version v1.1
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02/28/2011
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SUBMISSION TYPE:	NEW ASSIGNMENT
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NATURE OF CONVEYANCE:	ASSIGNMENT
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Name	Execution Date
Deutsche Bank Trust AG New York Branch, as resigning administrative agent and collateral agent	02/23/2011

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Name:	JPMorgan Chase Bank, N.A., as Collateral Agent
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Patent Number:	6482292

CORRESPONDENCE DATA

Fax Number: (800)516-8304
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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 Correspondent Name: Jim Murray
 Address Line 1: 4400 Easton Commons Way, Suite 125
 Address Line 2: CT Lien Solutions
 Address Line 4: Columbus, OHIO 43219

NAME OF SUBMITTER:	James P. Murphy
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Total Attachments: 17

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PATENT AND TRADEMARK ASSIGNMENT AND ASSUMPTION

This PATENT AND TRADEMARK ASSIGNMENT AND ASSUMPTION dated as of February 23, 2011 (this "Assignment and Assumption") is made by Deutsche Bank AG New York Branch, as resigning administrative agent and collateral agent, as assignor ("Assignor") and JPMorgan Chase Bank, N.A., as successor administrative agent and collateral agent, as assignee ("Assignee").

WHEREAS, reference is made to (i) that certain Credit Agreement dated as of August 16, 2005 (as amended, supplemented or otherwise modified, the "Credit Agreement"), by and among Huntsman International LLC, as borrower (the "Borrower"), Deutsche Bank AG New York Branch, as administrative agent (in such capacity, the "Administrative Agent") and certain parties party thereto, (ii) that certain Collateral Security Agreement dated as of August 16, 2005 by and among each of the Borrower, the Administrative Agent and other parties party thereto (as amended, supplemented or otherwise modified, the "Collateral Agreement"), and (iii) that certain Pledge Agreement dated as of August 16, 2005 by and among each of the Borrower, the Administrative Agent and other parties party thereto (as amended, supplemented or otherwise modified, the "Pledge Agreement" and together with the Collateral Agreement, the "Security Agreements"); capitalized terms not defined herein shall have the meanings assigned to them in the Collateral Agreement;

WHEREAS, reference is also made to the Grant of Security Interest in United States Trademarks and Patents dated August 16, 2005, by and between Huntsman Petrochemical Corporation, a Delaware corporation (n/k/a Huntsman Petrochemical LLC) (the "Grantor"), and the Administrative Agent (the "Intellectual Property Security Agreement"); and

WHEREAS, pursuant to the Intellectual Property Security Agreement recorded with the U.S. Patent and Trademark Office at Reel 016987, Frame 0496 on November 17, 2005, and Reel 3262, Frame 0310 on November 17, 2005, the Grantor granted the Administrative Agent a lien on and security interest in and to all of its right, title and interest in, to and under certain of its intellectual property Collateral, including the Patents and Marks listed on Schedule I hereto and proceeds of any and all of the foregoing;

WHEREAS, pursuant to (i) the Fifth Amendment to Credit Agreement, dated as of March 9, 2010 (the "Fifth Amendment"), among the Borrower and the Required Lenders (as defined in the Credit Agreement) and (ii) the Successor Agency Agreement, dated as of March 9, 2010 (the "Successor Agency Agreement"), between Assignor and Assignee, the Credit Agreement has been amended to reflect, among other things, the appointment of Assignee as successor administrative agent and collateral agent; and

WHEREAS, in furtherance of Assignee's replacement of Assignor as the Administrative Agent under the Credit Agreement, Assignee is desirous of acquiring and Assignor is desirous of assigning all of its right, title and interest in, to and under the Intellectual Property Security Agreement, including without limitation the Assigned Interest (as defined below), and all documents relating thereto.

NOW THEREFORE, in consideration of the foregoing premises and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each of the parties hereto agree as follows:

Assignor hereby irrevocably, absolutely and unconditionally assigns to Assignee without recourse and without any representation or warranty of any kind, nature or description, except as expressly set forth in the Successor Agency Agreement, and Assignee hereby assumes from Assignor, the interest in and to Assignor's rights and obligations under the Intellectual Property Security Agreement (the "Assigned Interest") and all Patents and Marks listed on Schedule I hereto, as of the Effective Date (as defined below).

The effective date of this Assignment and Assumption shall be the date of execution by all parties (the "Effective Date"). Following the execution of this Assignment and Assumption, it will be delivered to Cahill Gordon & Reindel LLP for recording on behalf of the parties hereto pursuant to the Security Agreements and the Intellectual Property Security Agreement with the United States Patent and Trademark Office.

From and after the Effective Date and as further set forth in the Successor Agency Agreement, (a) Assignee shall be a party to the Credit Agreement, the Security Agreements, and the Intellectual Property Security Agreement and, to the extent provided in this Assignment and Assumption, have the rights and obligations of the Administrative Agent thereunder and shall be bound by the provisions thereof and (b) Assignor shall and does hereby, to the extent provided in this Assignment and Assumption and the Successor Agency Agreement, relinquish its rights and shall be and is hereby released from its obligations under the Credit Agreement, the Security Agreements and the Intellectual Property Security Agreement. Assignor hereby fully terminates, releases and discharges the security interest granted to Assignor by Borrower in the Patents and Marks listed on Schedule I hereto, including, without limitation, the proceeds of such Patents and Marks. Nothing set forth herein shall modify or limit in any respect the provisions of the Successor Agency Agreement.

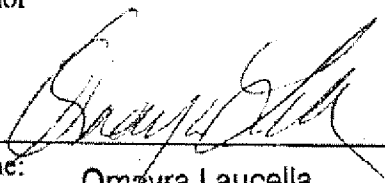
This Assignment and Assumption shall be governed by and construed in accordance with the laws of the State of New York.

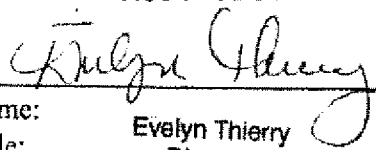
This Assignment and Assumption may be executed by one or more of the parties to this Assignment and Assumption in any number of separate counterparts (including by telecopy or Adobe PDF), and all of said counterparts taken together shall be deemed to constitute one and the same instrument.

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IN WITNESS WHEREOF, the parties hereto have caused this Assignment and Assumption to be executed by their respective duly authorized officers.

DEUTSCHE BANK AG NEW YORK BRANCH,
as Assignor

By: 
Name: Omayra Laucella
Title: Vice President

By: 
Name: Evelyn Thierry
Title: Director

Accepted:

JPMORGAN CHASE BANK, N.A.,
as Assignee



By: _____

Name: Gitanjali Pundir

Title: Vice President

SCHEDULE I
to
PATENT AND TRADEMARK ASSIGNMENT AND ASSUMPTION

PATENTS

Docket Number	Application Number	Application Date	Patent Number	Grant Date	Title
80775	07/661142	2/27/1991	5120817	6/9/1992	EPOXY RESIN CURATIVES: CONDENSATION PRODUCTS OF PHENOL, FORMALDEHYDE AND POLYOXYETHYLENEDIAMINES AS RAPID CURING COMPOSITIONS USEFUL IN COATINGS ADHESIVES AND ENCAPSULATION APPLICATIONS.
80885	07/412027	9/25/1989	5266671	11/30/1993	CHEMICALLY SIZED MINERAL PARTICLES IN SPRAY POLYUREA ELASTOMER SYSTEMS.
80904	07/653220	2/11/1991	5099073	3/24/1992	Catalytic process for the production of diketone derivatives of polyoxypropylene glycols
80931	07/543017	6/25/1990	5011926	4/30/1991	NICKEL-BASED DUAL CATALYST SYSTEM TO SUPPRESS CARBON DIOXIDE FORMATION DURING SELECTIVE AMINATION OF DIETHYLENE GLYCOL TO MORPHOLINE AND DIGLYCOLAMINE AMINE. AMINATION.
80951	07/631844	12/21/1990	5091585	2/25/1992	Continuous preparatin of tertiary aliphatic methyl amines
80983	07/712817	6/10/1991	5140090	8/18/1992	ALIPHATIC POLYUREAS PREPARED FROM POLYOXYALKYLENE POLYAMINES, TETRAMETHYL ALIPHATIC XYLENE DIISOCYANATE AND SYM-DIALKYLETHYL ENEDIAMINES.

Docket Number	Application Number	Application Date	Patent Number	Grant Date	Title
80986	07/632205	12/21/1990	5071980	12/10/1991	NICKEL-BASED DUAL CATALYST SYSTEMS EFFECTIVE IN SUPPRESSING CARBON DIOXIDE FORMATION DURING DIETHYLENE GLYCOL AMINATION. NICKEL/RUTHENIUM DUAL CATALYST SYSTEMS FOR SELECTIVE AMINATION OF DIETHYLENE GLYCOL TO MORPHOLINE AND DIGLYCOLAMINE AND SUPPRESSION OF CARBON DIOXIDE FORMATION.
81009	07/652954	2/8/1991	5153232	10/6/1992	WATER BLOWN POLYUREA FOAMS BASED ON ALIPHATIC PRIMARY POLYOXYALKYLENEAMINES. FOAMED POLYUREA ELASTOMER-RIGID AND CLOSED-CELLED.
81038	07/777847	10/16/1991	5218005	6/8/1993	POLYUREA ELASTOMERS MADE USING POLYAMIDE/CARBONYL ADDUCTS AS CHAIN EXTENDERS. SPRAY POLYUREA ELASTOMERS PREPARED USING LOW MOLECULAR WEIGHT POLYOXYALKYLENEAMINE FORMALDEHYDE ADDUCTS AS CHAIN EXTENDERS.
81044	07/838990	2/21/1992	5189075	2/23/1993	POLYUREA ELASTOMERS MADE USING POLYOXYALKYLENE TETRA- OR HIGHER FUNCTIONAL AMINE CHAIN EXTENDERS
81057	07/824129	1/22/1992	5248756	9/28/1993	Crystallization agent for bisphenol-A polycarbonate
81059	07/709931	6/4/1991	5162388	11/10/1992	ALIPHATIC POLYUREA ELASTOMERS. CYCLOALIPHATIC DIAMINES, E.G., 1,3-DIAMINO CYCLOHEXANE OR ISOPHORONEDIAMINE, AS CHAIN EXTENDERS IN ALIPHATIC SPRAY POLYUREA ELASTOMERS.
81076	07/770218	10/3/1991	5235007	8/10/1993	Epoxy curing agents
81104	08/087093	7/7/1993	5414087	5/9/1995	Preparation of N-alkylpiperazines

Docket Number	Application Number	Application Date	Patent Number	Grant Date	Title
81108	07/905699	6/29/1992	5254668	10/19/1993	POLY(AMIDE-ETHER-AMIDE) ABA TRIBLOCK COPOLYMERS PREPARED FROM NYLON-6 AND POLYOXYLALKYLENE GLYCOL BASED JEFFAMINE AMINES OR POLY(TETRAHYDROFURAN) BASED AMINES. POLYAMIDOPOLY FUNCTIONAL AMINE FROM LACTAM AND ETHER AMINE.
81143	07/979737	11/23/1992	5298618	3/29/1994	Macrocyclic oxamides
81150	07/928582	8/13/1992	5288873	2/22/1994	AMINATED ALKOXYLATED IMIDAZOLIDONES
81161	07/855357	3/19/1992	5189073	2/23/1993	PROCESS FOR THE PRODUCTION OF EXPANDED MATERIALS BASED ON POLYUREA ELASTOMERS
81188	07/928583	8/13/1992	5250632	10/5/1993	HEIMD-CONTAINING POLYETHERAMINE CURATIVE FOR FLEXIBLE, TOUGHENED PRODUCTS
81208	08/044424	4/9/1993	5276215	1/4/1994	ALKYLPHENOL SYNTHESIS USING ZEOLITES AS CATALYSTS, PARTICULARLY DEALUMINIZED Y-ZEOLITES. ALKYLPHENOLS PREPARED FROM PHENOL AND CORRESPONDING OLEFINS USING ZEOLITE MOLECULAR SIEVES AS CATALYSTS, E.G., DEALUMINIZED Y-ZEOLITES.
81210	08/045150	4/12/1993	5317076	5/31/1994	POLYUREA ELASTOMER WITH REDUCED MOISTURE VAPOR TRANSMISSION. SPRAY POLYUREA ELASTOMERS BASED ON AN AMINATED 1,2-BUTYLENE OXIDE POLYOL WITH IMPROVED MOISTURE VAPOR TRANSMISSION.
81242	08/515706	8/16/1995	5721315	2/24/1998	POLYETHER AMINE MODIFICATION OF POLYPROPYLENE
81242	08/499521	7/7/1995	5783630	7/21/1998	POLYETHER AMINE MODIFICATION OF POLYPROPYLENE

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81242	08/962788	11/3/1997	5965667	10/12/1999	POLYETHER AMINE MODIFICATION OF POLYPROPYLENE.
81242	09/368041	8/3/1999	6140416	10/31/2000	POLYETHER AMINE MODIFICATION OF POLYPROPYLENE.
81242	08/962785	11/3/1997	5942576	8/24/1999	POLYETHER AMINE MODIFICATION OF POLYPROPYLENE.
81242	09/368033	8/3/1999	6093773	7/25/2000	POLYETHER AMINE MODIFICATION OF POLYPROPYLENE.
81242	09/076209	5/12/1998	6093496	7/25/2000	POLYOLEFIN CONTAINING POLYETHERAMINE MODIFIED FUNCTIONALIZED POLYOLEFIN
81242	08/676947	7/8/1996	5959032	9/28/1999	POLYETHER AMINE MODIFICATION OF POLYPROPYLENE
81242	09/368042	8/3/1999	6214914	4/10/2001	POLYETHER AMINE MODIFICATION OF POLYPROPYLENE. POLYETHER MONOAMINE WITH 36-44 ETHYLENE OXIDE UNITS AND 1-6 PROPYLENE OXIDE UNITS.
81242	09/777763	2/6/2001	6465606	10/15/2002	POLYETHER AMINE MODIFICATION OF POLYPROPYLENE MONOAMINE.
81242	08/679070	7/12/1996	6031048	2/29/2000	POLYETHER AMINE MODIFICATION OF POLYPROPYLENE
81242	08/838970	4/23/1997	5985999	11/16/1999	DYEABLE POLYOLEFIN CONTAINING POLYETHERAMINE MODIFIED FUNCTIONALIZED POLYOLEFIN
81242	09/421085	10/19/1999	6127480	10/3/2000	DYEABLE POLYOLEFIN CONTAINING POLYETHERAMINE MODIFIED FUNCTIONALIZED POLYOLEFIN. .
81242	09/669702	9/26/2000	6420482	7/16/2002	DYEABLE POLYOLEFIN CONTAINING POLYETHERAMINE MODIFIED FUNCTIONALIZED POLYOLEFIN

Docket Number	Application Number	Application Date	Patent Number	Grant Date	Title
81247	08/041104	4/1/1993	5324812	6/28/1994	WATER SOLUBLE POLYAMIDES FROM POLYALKYLENE GLYCOL DIAMINES and POLY-CARBOXYLIC ACIDS. PREPARED FROM DIMER ACIDS AND POLYETHER AMINES.
81275	08/869385	6/5/1997	5759695	6/2/1998	POLYUREA ELASTOMER SYSTEMS WITH IMPROVED ADHESION TO SUBSTRATES
81275	09/054979	4/3/1998	5962144	10/5/1999	POLYUREA ELASTOMER SYSTEMS WITH IMPROVED ADHESION TO SUBSTRATES
81283	08/648917	5/16/1996	5668217	9/16/1997	AMIDOAMINE MODIFICATION OF POLYPROPYLENE
81301	08/252031	6/1/1994	5442034	8/15/1995	ALIPHATIC SPRAY POLYUREA ELASTOMERS CONTAINING ORGANIC CARBONATES TO IMPROVE PROCESSING CHARACTERISTICS
81323	08/665989	6/18/1996	5646235	7/8/1997	REDUCTIVE ALKYLATION OF POLYAMINES
81324	08/790391	1/29/1997	6057443	5/2/2000	DIMORPHOLINOETHYLEETHER HAVING IMPROVED ISOCYANATE STABILITY
81327	08/366857	12/30/1994	5494595	2/27/1996	OIL SOLUBLE POLYETHERS
81340	08/598692	2/8/1996	5847254	12/8/1998	ALKYLATION OF BENZENE TO FORM LINEAR ALKYL BENZENES USING FLUORINE CONTAINING MORDENITES
81342	08/632825	4/16/1996	5731397	3/24/1998	POLYUREA SPRAY RAILCAR LINING SYSTEMS WITH HIGH FLEXIBILITY AND IMPROVED IMPACT AND ABRASION RESISTANCE.
81379	07/722070	6/27/1991	5137860	8/11/1992	PROCESS FOR THE TRANSFORMATION OF VANADIUM/PHOSPHORUS MIXED OXIDE CATALYST PRECURSORS INTO ACTIVE CATALYSTS FOR THE PRODUCTION OF MALEIC ANHYDRIDE
81381	07/836434	2/18/1992	5185455	2/9/1993	METHOD FOR IMPROVING THE PERFORMANCE OF VPO CATALYSTS

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81382	07/722785	6/28/1991	5185485	2/9/1993	PROCESS FOR PREPARING ALKYL BENZENE
81383	07/887254	5/22/1992	5275996	1/4/1994	PHOSPHOROUS/VANADIUM OXIDE CATALYST AND PROCESS OF PREPARATION THEREOF
81396	08/306489	9/15/1994	5641722	6/24/1997	IMPROVED HIGH PERFORMANCE VPO CATALYST AND PROCESS OF PREPARATION THEREOF
81398	08/406674	3/20/1995	5631387	5/20/1997	PROCESS AND APPARATUS FOR THE PREPARATION AND RECOVERY OF MALEIC ANHYDRIDE
81399	08/538005	10/2/1995	5945368	8/31/1999	MOLYBDENUM MODIFIED VANADIUM-PHOSPHATE OXIDE CATALYSTS FOR THE PRODUCTION OF MALEIC ANHYDRIDE
81400	09/006132	1/13/1998	5972174	10/26/1999	PROCESS FOR THE PURIFICATION OF MALEIC ANHYDRIDE
81426	08/815154	3/11/1997	6013755	1/11/2000	A METHOD OF PREPARING AN ALIPHATIC POLYUREA SPRAY ELASTOMER SYSTEM
81426	09/481245	1/11/2000	6399736	6/4/2002	METHOD OF PREPARING SPRAY ELASTOMER SYSTEMS
81426	10/046936	1/14/2002	6605684	8/12/2003	METHOD OF PREPARING SPRAY ELASTOMER SYSTEMS.
81437	08/902617	7/29/1997	5912382	6/15/1999	HYDROXYALKYL CARBAMATE COMPOSITIONS AND PROCESSES FOR MANUFACTURING SAME
81445	09/417137	10/12/1999	6162776	12/19/2000	PAINT AND COATING REMOVER.
81445	09/083402	5/22/1998	6040284	3/21/2000	Paint coatings remover comprising propylene carbonate and hydrogen peroxide
81447	09/094247	6/9/1998	6146574	11/14/2000	ARTICLE MANUFACTURE USING POLYOLEFIN CONTAINING POLYETHERAMINE MODIFIED FUNCTIONALIZED POLYOLEFIN
81456	08/968172	11/18/1997	5877331	3/2/1999	PREVENTION OF CATALYST ATTRITION AND TAR FORMATION IN MANUFACTURE OF MALEIC ANHYDRIDE

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81457	09/121773	7/23/1998	5962699	10/5/1999	PROCESS FOR DECOLORIZING ORGANIC CARBONATES
81462	09/143177	8/28/1998	6083897	7/4/2000	SOLUBILIZATION OF LOW 2-PHENYL ALKYL BENZENE SULFONATES
81468	09/175078	10/19/1998	6166281	12/26/2000	ALKYLATION OF BENZENE TO FORM LINEAR ALKYL BENZENES USING FLUORINE-CONTAINING MORDENITES
81475	09/174891	10/19/1998	6133492	10/17/2000	ALKYLATION OF BENZENE TO FORM LINEAR ALKYL BENZENES USING FLUORINE-CONTAINING MORDENITES
81476	09/418686	10/14/1999	6093854	7/25/2000	A PROCESS FOR PREPARING ALKANOLAMINES FROM POLYOLEFIN EPOXIDES
81482	09/480836	1/10/2000	6593495	7/15/2003	ANHYDRIDE STABILIZATION
81491	09/303170	4/30/1999	6060625	5/9/2000	PROCESS FOR THE PRODUCTION OF ETHERAMINE ALKOXYLATES
81497	09/566421	5/8/2000	6300505	10/9/2001	METHOD AND APPARATUS FOR IMPROVING THE UNIFORMITY OF DISTRIBUTION OF A PHOSPHOROUS-CONTAINING AGENT THROUGHOUT A MALEIC ANHYDRIDE CATALYTIC REACTOR
81502	09/335596	6/18/1999	6169061	1/2/2001	PAINT AND COATING REMOVER
81502	09/724012	11/28/2000	6369009	4/9/2002	PAINT AND COATING REMOVER.
81502	10/061565	2/1/2002	6586380	7/1/2003	PAINT AND COATING REMOVER.
81503	10/015064	12/11/2001	6552121	4/22/2003	ALKALI-SILICATE POLYISOCYANATE COMPOSITES
81522	09/335597	6/18/1999	6159915	12/12/2000	PAINT AND COATING REMOVER
81524	09/386870	8/31/1999	6191317	2/20/2001	PROCESS FOR PREPARATION OF POLYALKYL HYDROXYAROMATICS
81525	09/479434	1/7/2000	6294071	9/25/2001	METHODS FOR FORMING COPPER SOLUTIONS
81527	09/533278	3/22/2000	6417135	7/9/2002	ADVANCES IN DEHYDROGENATION CATALYSIS

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81530	09/521502	3/9/2000	6384240	5/7/2002	PROCESS TO PRODUCE PHOTOCHROMIC GRADE FOR THE PURIFICATION OF ALKYLENE CARBONATES
81535	09/654438	9/1/2000	6395103	5/28/2002	DEGREASING COMPOSITIONS
81536	09/669982	9/26/2000	6548726	4/15/2003	REMOVAL OF DEHA FROM A BUTADIENE STREAM
81537	09/500175	2/8/2000	6210452	4/3/2001	FUEL ADDITIVES
81539	09/559841	4/26/2000	6562776	5/13/2003	SOLID ALKYL BENZENE SULFONATES AND CLEANING COMPOSITIONS HAVING ENHANCED WATER HARDNESS TOLERANCE
81541	09/634374	8/9/2000	6420327	7/16/2002	CARBONATE BASED COATING REMOVER
81546	09/616568	7/14/2000	6630430	10/7/2003	FUEL AND OIL DETERGENTS
81564	09/863558	5/23/2001	6710203	3/23/2004	PREPARATION OF HYDROXYALKYL CARBAMATES FROM 6-MEMBERED CYCLIC CARBONATES.
81565	09/723870	11/28/2000	6548464	4/15/2003	PAINT STRIPPER FOR AIRCRAFT AND OTHER MULTICOAT SYSTEMS
81566	09/668961	9/25/2000	6596677	7/22/2003	CLEANING COMPOSITIONS FOR HARD SURFACES (Amended)
81568	09/665642	9/19/2000	6995127	2/7/2006	ALKYL TOLUENE SULFONATE DETERGENTS
81572	09/822914	3/30/2001	6627761	9/30/2003	MULTIFUNCTIONAL CARBONATES AND DERIVATIVES
81574	09/766480	1/19/2001	6488808	12/3/2002	STYRENE COPOLYMERS IN DE-INKING
81575	09/789654	2/21/2001	6340559	1/22/2002	SEMICONDUCTOR DEVELOPING AGENT
81582	09/843330	4/26/2001	6608012	8/19/2003	PROCESS TO REMOVE PAINT AND PRIMER COATINGS FROM THERMOPLASTIC POLYOLEFIN (TPO) SUBSTRATES
81583	10/127286	4/22/2002	6673212	1/6/2004	POLYMERIZATION-INHIBITED DISTILLATION
81584	09/842451	4/26/2001	6703033	3/9/2004	ADVANCES IN TOWELETTES

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81590	09/950133	9/10/2001	6534555	3/18/2003	CATALYST SYSTEMS FOR POLYURETHANE POLYESTER FOAMS
81591	10/479403	6/11/2002	7078475	7/18/2006	SYNERGISTIC AMINE CHAIN EXTENDERS IN POLYUREA SPRAY ELASTOMERS
81593	09/950147	9/10/2001	6479593	11/12/2002	ABSORBENT POLYMER MODIFICATION
81598	10/277551	10/22/2002	6888030	5/3/2005	ADVANCES IN AMINATION
81599	10/289643	11/7/2002	7012043	3/14/2006	DRILLING FLUIDS
81601	10/124925	4/18/2002	7196033	3/27/2007	ADVANCES IN AMINATION CATALYSIS
81605	10/408883	4/8/2003	6946503	9/20/2005	AMINE BLEND ACCELERATORS FOR POLYOXYALKYLENEPOLYAMINE CURED EPOXY RESINS
81607	10/456655	6/6/2003	7169268	1/30/2007	COLOR STABILIZATION OF AMINES
81608	10/623293	7/18/2003	7074963	7/11/2006	PREPARATION OF SECONDARY AMINES.
81610	10/524247	8/29/2003	7550550	6/23/2009	POLYETHER POLYAMINE AGENTS AND MIXTURES THEREFOR
81611	10/263547	10/3/2002	7008914	3/7/2006	ALKYLBENZENE DETERGENTS WITH HIGH 2-ISOMER CONTENT
81622	10/838136	5/3/2004	7351859	4/1/2008	Heat Activated Tertiary Amine Urethane Catalysts
92017	08/014583	2/8/1993	5352835	10/4/1994	SUPPORTED CATALYSTS FOR AMINATION
80616-C1	07/519078	5/4/1990	5239048	8/24/1993	Aromatic polyoxyalkylene amidoamines
80752-C1	07/955214	10/1/1992	5344996	9/6/1994	Catalyst removal from alcohol alkoxyates using acid clays
80862-C1	08/045284	4/8/1993	5344984	9/6/1994	Method for preparing twin-tailed" polyoxyalkylene tertiary amines"
80891-C1	08/117962	9/7/1993	5480955	1/2/1996	ALIPHATIC SPRAY POLYUREA ELASTOMERS.

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80891-C2	08/166792	12/15/1993	5504181	4/2/1996	ALIPHATIC SPRAY POLYUREA ELASTOMERS.
80896-1	07/608128	11/1/1990	5140097	8/18/1992	THERMOPLASTIC THERMOSETTABLE POLYAMIDE FROM POLY(OXYTETRAMETHYLENE) DIAMINE AND POLY(OXYTETRAMETHYLENE) OLIGOMER POLYAMINE. POLYAMIDES PREPARED FROM DICARBOXYLIC ACIDS, E.G., ADIPIC, SEBACIC OR TEREPHTHALIC ACID, AND A MIXTURE OF POLY(OXYTETRAMETHYLENE)DIAMINE, ITS OLIGOMERS AND OPTIONALLY A SATURATED AMINO ACID, E.G.,
81125-C1	08/034196	3/19/1993	5262551	11/16/1993	PROCESS FOR ETHYLENE EPOXIDATION.
81267-C1	08/579473	12/27/1995	5616677	4/1/1997	PREPARATION OF SPRAYABLE ALIPHATIC POLYUREA ELASTOMERS HAVING IMPROVED PROPERTIES
81313-D1	08/956960	10/23/1997	5962748	10/5/1999	PROCESS FOR PREPARING LOW UNSATURATION POLYETHER POLYOLS.
81342-C1	09/040120	3/17/1998	5962618	10/5/1999	POLYUREA SPRAY RAILCAR LINING SYSTEMS WITH HIGH FLEXIBILITY AND IMPROVED IMPACT AND ABRASION RESISTANCE.
81380-C1	07/812252	12/20/1991	5168090	12/1/1992	SHAPED OXIDATION CATALYST STRUCTURES FOR THE PRODUCTION OF MALEIC ANHYDRIDE
81384-C1	07/919628	7/24/1992	5324880	6/28/1994	PROCESS FOR DEHYDROGENATION OF PARAFFIN
81388-D1	09/058029	4/10/1998	6005121	12/21/1999	HIGH PRODUCTIVITY PROCESS FOR THE PRODUCTION OF MALEIC ANHYDRIDE
81396-C1	08/775938	12/9/1996	5773382	6/30/1998	IMPROVED HIGH PERFORMANCE VPO CATALYST AND PROCESS OF PREPARATION THEREOF.

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81399-D1	08/909638	8/12/1997	5929256	7/27/1999	MOLYBDENUM MODIFIED VANADIUM-PHOSPHOROUS OXIDE CATALYSTS FOR THE PRODUCTION OF MALEIC ANHYDRIDE
81400-D1	09/273006	3/19/1999	6120654	9/19/2000	PROCESS FOR THE PURIFICATION OF MALEIC ANHYDRIDE.
81400-D2	09/273173	3/19/1999	6090245	7/18/2000	PROCESS FOR THE PURIFICATION OF MALEIC ANHYDRIDE.
81421-C1	08/720587	9/30/1996	5861051	1/19/1999	PROCESS FOR REMOVING CARBON DIOXIDE FROM GAS MIXTURE.
81456-D1	09/257633	2/25/1999	6046343	4/4/2000	PREVENTION OF CATALYST ATTRITION AND TAR FORMATION IN MANUFACTURE OF MALEIC ANHYDRIDE.
81470-C1	09/707674	11/7/2000	6387223	5/14/2002	ALKYLENE CARBONATE PROCESS.
81482-C1	10/224050	8/20/2002	6730810	5/4/2004	ANHYDRIDE STABILIZATION.
81482-D1	10/223990	8/20/2002	6603042	8/5/2003	ANHYDRIDE STABILIZATION.
81486-6	09/641228	8/17/2000	6420311	7/16/2002	POLYETHER DIAMINE BASED SURFACTANT ADJUVANTS AND COMPOSITIONS THEREOF.
81506-D1	09/961589	9/24/2001	6514190	2/4/2003	PRIMARY ALKANOLAMIDES.
81527-D1	10/140178	5/7/2002	6700028	3/2/2004	ADVANCES IN DEHYDROGENATION CATALYSIS.
81530-C2	10/083230	2/26/2002	6476237	11/5/2002	PURIFICATION OF ALKYLENE CARBONATES.
81530-D1	10/071169	2/8/2002	6458969	10/1/2002	Process for the purification of alkylene carbonate.
81534-C1	10/175535	6/18/2002	6887830	5/3/2005	SURFACTANT ADJUVANTS USEFUL IN HERBICIDE COMPOSITIONS.

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81539-C1	10/370144	2/19/2003	6887839	5/3/2005	SOLID ALKYL BENZENE SULFONATES AND CLEANING COMPOSITIONS HAVING ENHANCED WATER HARDNESS TOLERANCE
81544-D1	10/164793	6/6/2002	6586164	7/1/2003	ALTERNATIVE PHOTORESIST STRIPPING COMPOSITIONS.
81574-D1	10/164027	6/6/2002	6482292	11/19/2002	STYRENE COPOLYMERS IN DE-INKING.

TRADEMARKS

Trademark	Status	Serial Number	Application Date	Registration Number	Registration Date
CARBALINK	Registered	75/382509	10/31/1997	2271545	8/24/1999
DGA	Registered	76/536755	7/21/2003	2855802	6/22/2004
DIGLYCOLAMINE	Registered	72/184825	1/17/1964	790882	6/15/1965
E-GRADE	Registered	76/121120	9/1/2000	2863077	7/13/2004
ELASTAMINE	Registered	78/269143	7/1/2003	3002645	9/27/2005
JEFF	Registered	74/563165	8/19/1994	2125922	12/30/1997
JEFFAMINE	Registered	72/330750	6/23/1969	900546	10/13/1970
JEFFCAT	Registered	74/562859	8/19/1994	2046303	3/18/1997
JEFFCOOL	Registered	74/563006	8/19/1994	2027525	12/31/1996
JEFFLINK	Registered	78/053882	3/19/2001	2760234	9/2/2003
JEFFOX	Registered	73/415632	3/3/1983	1283943	7/3/1984
JEFFSOL	Registered	74/563164	8/19/1994	2077844	7/8/1997
JEFFTREAT	Registered	74/563163	8/19/1994	2035971	2/4/1997
POGOL	Registered	75822640	10/13/1999	2375441	8/8/2000
QUICKTREAT	Registered	74/144054	3/4/1991	1710727	8/25/1992
SURFONIC	Registered	72/001878	2/1/1956	638883	12/18/1956
TERMIX	Registered	78/480890	9/9/2004	3107980	6/20/2006
TERMUL	Registered	78/086508	10/2/2001	2772604	10/7/2003
TERSPERSE	Registered	76/310848	9/10/2001	2768715	9/30/2003
TERWET	Registered	75/888924	1/6/2000	2513369	11/27/2001
ULTRAPURE	Registered	75/669755	3/29/1999	2439636	3/27/2001
JEFFOL	Registered	75/540512	8/21/1998	2297884	12/7/1999
SURFONAMINE	Registered	75/543364	8/26/1998	2299734	12/14/1999
SURFOL	Registered	75/669754	3/29/1999	2359811	6/20/2000
UNIFROTH	Registered	75/749580	7/13/1999	2343670	4/18/2000
HARTOSOFT	Registered	75/822641	10/13/1999	2373035	8/1/2000
ALKAPOL	Registered	73/656362	4/20/1987	1470302	12/29/1987

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