

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

|                              |  |
|------------------------------|--|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT                               |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNS THE ENTIRE INTEREST AND THE GOODWILL |

**CONVEYING PARTY DATA**

| Name   | Formerly | Execution Date | Entity Type   |
|--|----------|----------------|---------------|
| Deutsche Bank Trust AG New York Branch, as resigning administrative agent and collateral agent |          | 02/23/2011     | Bank: GERMANY |

**RECEIVING PARTY DATA**

|                        |  |
|------------------------|--|
| <b>Name:</b>           | JPMorgan Chase Bank, N.A., as Collateral Agent |
| <b>Street Address:</b> | 1111 Fannin Street, 10th Floor                 |
| <b>City:</b>           | Houston  |
| <b>State/Country:</b>  | TEXAS  |
| <b>Postal Code:</b>    | 77002  |
| <b>Entity Type:</b>    | National Association: UNITED STATES            |

**PROPERTY NUMBERS Total: 27**

| Property Type        | Number  | Word Mark     |
|----------------------|---------|---------------|
| Registration Number: | 2271545 | CARBALINK     |
| Registration Number: | 2855802 | DGA           |
| Registration Number: | 790882  | DIGLYCOLAMINE |
| Registration Number: | 2863077 | E-GRADE       |
| Registration Number: | 3002645 | ELASTAMINE    |
| Registration Number: | 2125922 | JEFF          |
| Registration Number: | 900546  | JEFFAMINE     |
| Registration Number: | 2046303 | JEFFCAT       |
| Registration Number: | 2027525 | JEFFCOOL      |
| Registration Number: | 2760234 | JEFFLINK      |
| Registration Number: | 1283943 | JEFFOX        |
| Registration Number: | 2077844 | JEFFSOL       |
| Registration Number: | 2035971 | JEFFTREAT     |

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**TRADEMARK  
 REEL: 004487 FRAME: 0424**

|                      |         |             |
|----------------------|---------|-------------|
| Registration Number: | 2375441 | POGOL       |
| Registration Number: | 1710727 | QUICKTREAT  |
| Registration Number: | 638883  | SURFONIC    |
| Registration Number: | 3107980 | TERMIX      |
| Registration Number: | 2772604 | TERMUL      |
| Registration Number: | 2768715 | TERSPERSE   |
| Registration Number: | 2513369 | TERWET      |
| Registration Number: | 2439636 | ULTRAPURE   |
| Registration Number: | 2297884 | JEFFOL      |
| Registration Number: | 2299734 | SURFONAMINE |
| Registration Number: | 2359811 | SURFOL      |
| Registration Number: | 2343670 | UNIFROTH    |
| Registration Number: | 2373035 | HARTOSOFT   |
| Registration Number: | 1470302 | ALKAPOL     |

**CORRESPONDENCE DATA**

Fax Number: (800)516-6304  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 614-280-3566  
Email: james.murray@wolterskluwer.com  
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   |
| Signature:         | /James P. Murphy/ |
| Date:              | 02/28/2011        |

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.

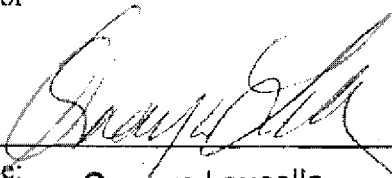
This Assignment and Assumption shall be governed by and construed in accordance with the laws of the State of New York.

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**

| <b>Docket Number</b> | <b>Application Number</b> | <b>Application Date</b> | <b>Patent Number</b> | <b>Grant Date</b> | <b>Title</b>   |
|----------------------|---------------------------|-------------------------|----------------------|-------------------|--|
| 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   |

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|---------------|--------------------|------------------|---------------|------------|--|
| 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   | DIMORPHOLINOETHYLETER 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             |

| Docket Number | Application Number | Application Date | Patent Number | Grant Date | Title   |
|---------------|--------------------|------------------|---------------|------------|---|
| 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(OXY TETRAMETHYLENE)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. .   |
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**TRADEMARKS**

| <b>Trademark</b> | <b>Status</b> | <b>Serial Number</b> | <b>Application Date</b> | <b>Registration Number</b> | <b>Registration Date</b> |
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| 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               |