FORM PTO-1595 (Rev. 6-93)	PECODO 17.	00	R SHEET			OF COMMERCE Trademark Office
OMB No. 0651-0011 (exp. 4/94)	10-21-20				i albin and i	radomark Onice
Tab settings ⇔ ⇔ ♥					▼	▼
To the Honorable Commission	1022548	52	attached origin	nal documents	s or copy th	ereof.
1. Name of conveying party(ies)		2. Name	e and address of	receiving pa	rty(ies)	
Huntsman Petrochemica	al Corporation	1	: Deutsche E Americas (formerly	known a	Bankers
Additional name(s) of conveying party(is	os) attached? ☐ Yes 🙀 No	Interr	al Address: <u>Trus</u>	t Compan	as a	Gent S
3. Nature of conveyance:	mrb 10/15/02					<u></u>
☐ Assignment	Merger	Stree	t Address: 31 W.	52nd St		ਨ ਜ਼
 Security Agreement 	☐ Change of Name				- 3	8
Ŭ Other Grant of Secur Trademarks and		City:_	New York	State: <u>N</u>	<u>1Y</u> Z	(P: 10022
Execution Date: September 3	30, 2002	Additio	nal name(s) & addre	ss(es) attached	? □ Yes 🐿	No ·
4. Application number(s) or pate	nt number(s):		,			
If this document is being filed	together with a new application	on, the execu	tion date of the a	pplication is:		
•			atent No.(s)	•		
A. Patent Application No.(s)		J. F.	ate()((10. (5)			
•	•	100 S		· · · · · · · · · · · · · · · · · · ·		
	Additional numbers a	ittached? 🗶 Ye	s D No			
Name and address of party to concerning document should	•	6. Total	number of applica	itions and par	tents involv	/ed: 271
Name: Laura Konrath	:	7. Total	fee (37 CFR 3.4	1)\$_1	0,840	
Internal Address: Winston	& Strawn		nclosed			
33rd Flo						
		Q A	uthorized to be ch	narged to de	posit acco	unt
Street Address: 35 W. Wa	cker	8. Depo	sit account numb	er:		
			N/A			
Gity: Chicago Sta	te: <u>IL</u> <u>ZIP: 60601</u>	(Attach	duplicate copy of thi	is page if payinç	g by deposit	account)
18/2002 GTON11 00000062 736842	DO NOT US	SE THIS SPACE				
FC:8021 10840.C	0 0	 		_		·
9. Statement and signature. To the best of my knowledge	and halief theyforegoing info) nation is true	and correct and	any attachac	d convic a	truck conv
the original document.			7	any anachieu	المراجع	
Laura Konrath	/X/V	Max			1017	(0)
Name of Person Signing	Total purple	Signature	hochmants and dame			Date
344	Total number of pages including				<u> </u>	

ocuments to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231
PAT

Continuation Item
Schedule B 4

<u>U.S. Patents and Applications</u> Huntsman Petrochemical Corporation

All patents are encumbered with security interests.

Patent Number	Registration Date	<u>Title</u>
APP. # 736842	7/29/1991	LACTONE-IMIDAZOLE COMPLEXES
APP. # 652437	8/31/2000	WATER EMULSIFIABLE
APP. # 10/191217	7/9/2002	FORMULATIONS WATER EMULSIFIABLE FORMULATIONS
APP. # 777763	2/6/2001	POLYETHER AMINE MODIFICATION OF
APP. # 598692	4/20/1998	POLYPROPYLENE ALKYLATION OF BENZENE TO FORM
APP. # 10/046936	1/14/2002	LINEAR ALKYLBENZENES METHOD OF PREPARING SPRAY
APP. # 491697	1/26/2000	ELASTOMER SYSTEMS METHOMYL CONCENTRATE
APP. # 307955	5/10/1999	SOLUTIONS IMPROVED GLYCOL PURIFICATION
APP. #479436	1/7/2000	SUFACTANT COMPOSITIONS CONTAINING ALKOXYLATED
APP. # 480836	1/10/2000	AMINES ANHYDRIDE STABILIZATION
APP. # 10/224050	8/20/2002	ANHYDRIDE STABILIZATION
APP. #10/223990	8/20/2002	ANHYDRIDE STABILIZATION

	4/4.0/0.00	
APP. # 10/121319	4/12/2002	PHOSPHATE ESTER
		BASED SURFACTANT
		ADJUVANTS AND
		COMPOSITIONS
APP. # 640834	8/17/2000	MANNICH
		CONDENSATE BASED
		SURFACTANT
		ADJUVANTS
APP. # 597313	6/20/2000	MANUFACTURE OF
		CYCLOHEXANE FROM
		BENZENE AND
		HYDROGEN
APP. # 654439 ⁻	9/1/2000	PAINT STRIPPING
		COMPOSITIONS
APP. #10/223867	8/20/2002	PAINT STRIPPING
		COMPOSITIONS
APP. # 10/061565	2/1/2002	PAINT AND COATING
		REMOVER
APP. # 640224	8/16/2000	ALKALI-SILICATE
		POLYISOCYANATE
		COMPOSITES
APP. # 10/015064	12/11/2001	ALKALI- SILICATE
		POLYISOCYANATE
		COMPOSITES
APP. # 905237	7/13/2001	REDUCED POUR POINT
12111190000		SURFACTANTS
APP. # 961589	9/24/2001	PRIMARY
	¥ 1— 11— 1 1 1	ALKANOLAMIDES
APP. # 704001	11/1/2000	PAINT AND COATING
	•	REMOVER
APP. # 603168	6/26/2000	CONCENTRATED
1111.11 000100	S	SURFACTANT BLENDS
APP. #196998	7/16/2002	CONCENTRATED
12111125555		SURFACTANT BLENDS
APP. # 10/140178	5/17/2002	ADVANCES IN
741.11 10/110110	5.2	DEHYDROGENATION
		CATALYSIS
APP. # 10/083230	2/26/2002	PURIFICATION OF
741. # 10/003230	2.20,2002	ALKYLENE
		CARBONATES
APP. # 10/071169	2/8/2002	PROCESS TO PRODUCE
141.11 10/0/1109	2. 3. 2 3 2	PHOTOCHROMIC
		GRADE ALKYLENE
		CARBONATES
APP. # 537121	3/29/2000	LOW POUR POINT
134 1 1 1 00 1 12 1	Ç, 2 2, 2000	PRIMARY AMIDES

٦٩

APP. # 718208	11/21/2000	SURFACTANT
121.11.110000		ADJUVANTS USEFUL IN
		HERBICIDE
		COMPOSITIONS
APP. # 10/175535	6/18/2002	SURFACTANT
141.17 10/1/3335	5. 2 5. 4 5 - 4	ADJUVANTS USEFUL IN
		HERBICIDE
		COMPOSITIONS
APP. # 10/061536	2/1/2002	DEGREASING
111. 11 10/001555		COMPOSITIONS
APP. # 669982	9/26/2000	REMOVAL OF DEHA
101.77 005502		FROM A BUTADIENE
		STREAM
APP. # 559841	4/26/2000	SOLID ALKLYBENZENE
		SULFONATES AND
		CLEANING
		COMPOSITIONS
APP. # 946318	9/5/2001	ALKYL GLYCIDYL
		CARBONATE
		COMPOSITIONS AND
		THEIR PREPARATION
APP. # 946313	9/5/2001	ALTERNATIVE
		PHOTORESIST
		STRIPPING SOLUTIONS
APP. # 10/164793	6/6/2002	ALTERNATIVE PHOTO
		RESIST STRIPPING
		COMPOSITIONS
APP. # 752118	12/29/2000	PROCESS FOR THE
		PRODUCTION OF HIGH
		MELTING
		CARBONATES
APP. # 616568	7/14/2000	FUEL AND OIL
		DETERGENTS
APP. # 863558	5/23/2001	PREPARATION OF
		HYDROXYALKYLCARB
		AMATES FROM 6-
		MEMBERED CYCLIC
APP. # 723870	11/28/2000	PAINT STRIPPER FOR
		AIRCRAFT AND OTHER
	0.45 = 45 0.5 5	MULTICOAT SYSTEMS
APP. # 668961	9/25/2000	CLEANING
		COMPOSITIONS FOR
		HARD SURFACES
		(AMENDED)

AV

APP. # 665642	9/19/2000	ALKYL TOLUENE SULFONATE
		DETERGENTS
APP. # 695569	10/24/2000	AGRICULTURAL
141.77 050005	20/20/200	FORMULATIONS
		CONTAINING
		ENHANCED
		SURFACTANTS
APP. # 754867	1/5/2001	ADVANCED
111.11/2 1001	2,2,23	SULFOSUCCINAMATE
		SURFACTANTS
APP. # 946312	9/5/2001	ALKOXYLATION WITH
111111111111111111111111111111111111111		6-MEMBERED
		ALKYLENE
		CARBONATES
APP. # 822914	3/30/2001	MULTIFUNCTIONAL
		CARBONATES AND
		DERIVATIVES
APP. # 776985	2/5/2001	STYRENE
		COPOLYMERS
		COMBINED WITH
		METALLIC SPECIES
APP. # 766480	1/19/2001	STYRENE
		COPOLYMERS IN DE-
		INKING
APP. # 10/164027	6/6/2002	STYRENE
		COPOLYMERS IN DE-
		INKING
APP. # 843330	4/26/2001	PROCESS TO REMOVE
		PAINT AND PRIMER
		COATINGS
APP. # 10/127286	4/22/2002	POLYMERIZATION-
		INHIBITED
		DISTILLATION
APP. # 842451	4/26/2001	ADVANCES IN
		TOWELETTES
APP. # 10/038462	1/7/2002	ADVANCES IN
		URETHANE FOAM
		CATALYSIS
APP. # 950133	9/10/2001	CATALYST SYSTEMS
		FOR POLYURETHANE
		POLYESTER FOAMS
	0400004	
APP. #950147	9/10/2001	ABSORBENT POLYMER
		MODIFICATION

40

APP. # 60/322696	9/17/2001	METHODS FOR
APP. # 00/322090	9/1//2001	STABILIZING AQUEOUS
		ALKYLENE
		CARBONATE
ADD # 052776	9/17/2001	MANNICH POLYOLS
APP. # 953776	9/1//2001	FOR RIGID SPRAY
		FOR RIGID SFRA I FOAMS
ADD 11 CO 1200 A52	10/15/2001	SCRUBBING PADS
APP. # 60/329453	10/13/2001	COMPRISING
		POLYUREAS
ADD # 60/245991	10/23/2001	ADVANCES IN
APP. # 60/345881	10/23/2001	AMINATION
ADD # 60/227529	11/8/2001	DRILLING FLUIDS
APP. # 60/337538	11/28/2001	SULFOSUCCINAMATE
APP. # 60/333889	11/28/2001	SURFACTANTS AS
		DEPOSITION
		INHIBITORS
ADD # 60/240659	12/14/2001	ADVANCES IN
APP. # 60/340658	12/14/2001	AMINATION
		CATALYSIS
APP. # 10/124925	4/18/2002	ADVANCES IN
APP. # 10/124923	4/16/2002	AMINATION
		CATALYSIS
APP. # 60/350866	1/22/2002	COATING REMOVER
APP. # 00/330800	1/22/2002	COMPOSITIONS AND
		USE THEREOF
APP. # 60/371965	4/12/2002	AMIND BLEND
AFF. # 00/3/1903	7/12/2002	ACCELERATORS FOR
		POLYOXYALKYLENE
		POLYAMINE CURED
APP. # 60/390668	6/21/2002	AMINE BLEND
AFF. # 00/390008	0/21/2002	ACCELERATORS FOR
		POLYOXYALKLENEPOL
		YAMINE CURED
APP. # 60/379580	5/10/2002	AMINE BLEND
A11.# 00/3/7300	3, 10, 2002	ACCELERATORS FOR
		POLYOXYALKYLENEPO
		LYAMINE CURED
APP. # 60/372975	4/16/2002	6-MEMBERED CYCLIC
111: # 00/3/2//3	10.2002	CARBONATES
APP. # 60/391754`	6/26/2002	COLOR STABILIZATION
APP. # 10/200361	7/22/2002	PREPARATION OF
711.11 TO/200301	,, ===, == 0	SECONDARY AMINES
4421906	12/20/1983	WATER-BASED EPOXY
1 122 2 2 2 2		RESIN COATING

4464488	8/7/1984	POLYURETHANES
1701100		USING
		MONOCARBOXYLIC
		ACID SALTS
4479010	10/23/1984	PROCEDURE FOR THE
44/3010	10/20/1/01	ALKOXYLATION OF
		POLYOXYALKYLENEA
		MINES
4482743	11/13/1984	HYDROXYALKYL BIS
4402/43	11/13/1704	(DIALKYLAMINOALKY
		L) AMINE
		MANUFACTURE
4485229	11/27/1984	EPOXY RESIN
4403229	11/2//1904	CONTAINING A
		COMBINATION OF HIGH
		AND LOW
4487805	12/11/1984	DECORATIVE EPOXY
4407003	12/11/1904	RESIN AGGREGATE
		BINDER FORMULATION
4487806	12/11/1984	DECORATIVE EPOXY
4407000	12/11/1904	RESIN AGGREGATE
		BINDER FORMULATION
4487987	12/11/1984	METHOD OF
4407207		DECOLORIZING
		MIXTURES OF
•		AMINOETHYLPIPERAZI
		NE
4492801	1/8/1985	PRODUCTION OF N-
,		SUBSITUTED (METH)
		ACRYLAMIDES
4501907	2/26 1985	MALEIC ANHYDRIDE
		PRODUCTION USING
		HIGH BUTANE FEED
4533719	8/6/1985	EPOXY RESINS WITH
		INCREASED
		FLEXIBILITY
4560674	12/24/1985	CATALYSTS FOR THE
		PRODUCTION OF
		MALEIC ANHYDRIDE
4562268	12/31/1985	PROCESS FOR
		PRODUCING MALEIC
		ANHYDRIDE

Syl

4567158	1/28/1986	PROCESS FOR
4507150	1120, 1300	PREPARING
		PHOSPHORUS-
		VANADIUM MIXED
		OXIDE
4579630	4/1/1986	BIS (AMINOETHYL)
4377030	W 21 27 2 3	ETHER AND
		METHOXYETHYL
		MORPHOLINE
		SEPARATED
4602085	7/22/1986	CATALYTIC PROCESS
4002005	,, ==, =, =,	FOR THE PRODUCTION
		OF HYDROXYAMINE
4618717	10/21/1986	CATALYTIC PROCESS
4010717	10, 21, 22 00	FOR THE PRODUCTION
		OF PRIMARY AMINES
4632915	12/30/1986	IRON/LITHIUM-
4032713		PROMOTED
		CATALYSTS FOR THE
		PRODUCTION OF
		MALEIC
4642303	2/10/1987	CATALYST
4042505		COMPOSITION
4645623	2/24/1987	ALKYLARYL
		SULFONATE
		COMPOSITIONS
4670415	6/2/1987	PROCESS FOR THE
		PREPARATION OF
		IRON/LITHIUM-
		PROMOTED
4673762	6/16/1987	DECOLORIZING
		ETHANOLAMINES
		WITH ALKYLENE
		OXIDES
4687593	8/18/1987	ALKYLARYL
		SULFONATE
		COMPOSITIONS
4691041	9/1/1987	PROCESS FOR THE
		PRODUCTION OF
		ETHYLENE GLYCOL
		AND DIMETHYL
4705814	11/10/1987	REACTION PRODUCT
		OF
		POLYOXYALKYLENE
6/4		POLYAMINE
96		

4732919	3/22/1988	REACTION INJECTION MOLDED ELASTOMER MADE
4761465	8/2/1988	ISOCYANATE CAPPED POLYOXYALKYLENE DIAMINES PREPARED
4766245	8/23/1988	PROCESS FOR THE PREPARATION OF POLYOXYALKYLENE POLYAMINES
4767555	8/30/1988	POLYOXYALKYLENE DIAMINES MODIFIED BY GLYCIDYL ETHERS
4775519	10/4/1988	REMOVAL OF ACID GASES FROM GAS STREAMS
4827038	5/2/1989	BIS (DIAMINOPOLYALKOX Y)-N-ALKYLAMINES BY
4827039	5/2/1989	AMINATION NITRILO (TRIS) POLYOXYALKYLENEA MINES IN A REACTION
4835241	5/30/1989	INJECTION EPOXY COATINGS USING ACRYLATE ESTERS, POLYETHERPOLYAMIN
1055150	0.40.41.000	ES DE CENTRE DE L'ANTI-
4855459	8/8/1989	PROCESS FOR THE PRODUCTION OF MALEIC ANHYDRIDE
4888446	12/19/1989	PREPARATION OF POLYOXYALKYLENE GLYCOL AMINES
4891086	1/2/1990	STRAND COATING METHOD
4892977	1/9/1990	PREPARATION OF NONIONIC SURFACTANTS BY OXYLKYLATION
4897430	1/30/1990	ONE COMPONENT POLYUREA

, 02

4904711	2/27/1990	POLYMER CONCRETE COMPOSITION FOR CEMENTITIOUS ROAD
1006	2///1000	REPAIR
4906774	3/6/1990	PROCESS FOR PREPARING DIAMINES
4925988	5/15/1990	LOW FOAMING
4923900	3/13/1770	SURFACTANT
4946933	8/7/1990	ELASTOMERIC
4740733	0, 1, 1, 2, 3	POLYAMIDE HOT MELT
		ADHESIVE FROM LOW
		MOLECULAR
4990576	2/5/1991	TETRAMINES BY
		AMINATION OF
		POLYOXYALKYLENE
		GLYCOLS
5003107	3/26/1991	CATALYTIC METHOD
		FOR THE REDUCTIVE
		AMINATION
5011926	4/30/1991	NICKEL-BASED DUAL
		CATALYST SYSTEM TO
		SUPPRESS CARBON
5020710	7/0/1001	DIOXIDE NYLON-6 MODIFIED
5030710	7/9/1991	WITH TEREPHTHALIC
		ACID SALT
5049411	9/17/1991	POLYMER CONCRETE
J043411	JILIILJJI	COMPOSITION
5053484	10/1/1991	POLYETHER AMIDES
,	20,2,2,2	PREPARED FROM A
		POLYOXYALKYLENE
		POLYAMINE
5053569	10/1/1991	PROCESS FOR
		OLIGOMERIZING
		OLEFINS TO PREPARE
		BASE STOCKS
5055231	10/8/1991	REACTION PRODUCTS
		OF BORIC ACID AND
		ALKANOLETHERAMINE
	11/10/1001	S
5066804	11/19/1991	PREPARATION OF
		ALKYL MORPHOLINONES
£071000	12/10/1991	NICKEL/RUTHENIUM
5071980	14/10/1771	DUAL CATALYST
		SYSTEMS
		D 1 0 1 DIMO

27

5075506	12/24/1991	CONTINUOUS PREPARATION OF
		SECONDARY AMINES
		FROM NITRILES
5082924	1/21/1992	POLYAMIDE-ESTER
		FROM POLYETHYLENE
		GLYCOL MONOAMINE
5086162	2/4/1992	POLYETHER AMIDE
		FROM POLYALKYLENE
		GLYCOL DIAMINE AND
		DIACID
5091572	2/25/1992	AMINE TERMINATED
	2/27/4000	POLYAMIDES
5091585	2/25/1992	CONTINUOUS
		PREPARATION OF TERTIARY ALIPHATIC
		METHYL AMINES
E0024EE	3/3/1992	N, N-
5093455	3/3/1992	DIALKYLENEDIAMINES
		AS CURING AGENTS
5093458	3/3/1992	4-METHYL-2-
JUJJ4J6	3/3/1772	MORPHOLINONE AS A
		CURATIVE FOR EPOXY
		RESIN
5099073	3/24/1992	CATALYTIC PROCESS
		FOR THE PRODUCTION
		OF DIKETONE
		DERIVATIVES
5103062	4/7/1992	LOW-MELTING, WATER
		SOLUBLE
		POLYOXYALKLYENE
		AMINES PREPARED
5118728	6/2/1992	SPRAY POLY UREA
		ELASTOMERS USING
		CHOPPED GLASS
7110F07	6/2/1992	ROVING POLYAMIDES
5118785	0/2/1992	PREPARED FROM
		POLYOXYALKLENE
		DIAMINES
5120817	6/9/1992	POLYAMIDES
JIZVOIT	0,212,22	PREPARED FROM
		POLYOXYALKYLENE
1		DIAMINES
\		
` '		

5124426	6/23/1992	DI (METHYLTHIO)- TOLUENEDIAMINE AS A CHAIN EXTENDER IN
5128441	7/7/1992	SPRAY BLOCK POLYAMIDO CONDENSATION PRODUCTS
5136035	8/4/1992	CATALYTIC SYNTHESIS OF ALKYL MORPHOLINONES
5137860	8/11/1992	PROCESS FOR THE TRANSFORMATION OF VANADIUM/PHOSPHOR
5140090	8/18/1992	US MIXED ALIPHATIC POLYUREAS PREPARED FROM
5140097	8/18/1992	POLYOXYALKYLENEPO LYAMINES POLYAMIDES PREPARED FROM DICARBOXYLIC ACIDS,
5146041	9/8/1992	E.G., ADIPIC METHOD OF SEPARATING ISOBUTYLENE FROM A
5153232	10/6/1992	C-4 HYDROCARBON WATER BLOWN POLYUREA FOAMS BASED ON ALIPHATIC
5162388	11/10/1992	PRIMARY CYCLOALIPHATIC DIAMINES, E.G.,1, 3- DIAMINO CYCLOHEXANE
5168090	12/1/1992	SHAPED OXIDATION CATALYST STRUCTURES
5177301	. 1/5/1993	METHOD OF SEPARATING ISOBUTYLENE FROM A
5185455	2/9/1993	C-4 HYDROCARBON METHOD FOR IMPROVING THE PERFORMANCE OF VPO CATALYSTS
47		CATALISIS

PATENT

REEL: 013362 FRAME: 0248

5185485	2/9/1993	PROCESS FOR PREPARING
		ALKYLBENZENE
5189073	2/23/1993	PROCESS FOR THE
		PRODUCTION OF
		EXPANDED MATERIALS
5189075	2/231993	POLYUREA
		ELASTOMERS MADE
		USING
		POLYOXYALKYLENE
		TETRA
5191033	3/2/1993	EPOXY RESIN
		COMPOSITION
		CONTAINING
		AMINATED EPOXY
5218005	6/8/1993	SPRAY POLYUREA
		ELASTOMERS
		PREPARED USING LOW
		MOLECULAR
5235007	8/10/1993	EPOXY CURING
		AGENTS
5238971	8/24/1993	POLYOXYALKYLENE
		GLYCOLS CONTAINING
		IMIDAZOLIDONES
5239048	8/24/1993	AROMATIC
		POLYOXYALKYLENE
		AMIDOAMINES
5248756	9/28/1993	CRYSTALLIZATION
		AGENT FOR
		BISPHENOL-A
	40/5/4000	POLYCARBONATE
5250632	10/5/1993	HEIMD-CONTAINING
		POLYETHERAMINE
F054660	10/10/1003	CURATIVE
5254668	10/19/1993	POLY (AMIDE-ETHER-
		AMIDE) ABA TRIBLOCK
5054505	10/10/1002	COPOLYMERS
5254737.	10/19/1993	CONTINUOUS
		CONTINUOUS PREPARATION OF
		SECONDARY AMINES
		FROM NITRILES
5262551	11/16/93	PROCESS FOR
3202331.	11/10/93	ETHYLENE
		EPOXIDATION
		EI ONIDATION
λ		

ه_{ل,}

5266671	11/30/1993	CHEMICALLY SIZED MINERAL PARTICLES
	444004	IN SPRAY POLYUREA
5275996	1/4/1994	PHOSPHOROUS/VANAD
#0# / 04#	1/4/1004	IUM OXIDE CATALYST
5276215	1/4/1994	ALKYLPHENOLS PREPARED FROM
		PHENOL AND
		CORRESPONDING
		OLEFINS
5288873	2/22/1994	AMINATED
32000/3	2/22/1994	ALKOXYLATED
		IMIDAZOLIDONES
5298618	3/29/1994	MACROCYCLIC
3290010	5/25/1557	OXAMIDES
5015056	E/21/1004	
5317076	5/31/1994	SPRAY POLYUREA ELASTOMERS BASED
		ON AN AMINATED
		1,2-BUTYLENE
5324812	6/28/1994	WATER SOLUBLE
3324012	0/26/1754	POLYAMIDES
		PREPARED FROM
		DIMER ACIDS
5324880	6/28/1994	PROCESS FOR
3321000	0.20,277	DEHYDROGENATION
		OF PARAFFIN
5340889	8/23/1994	CARBONATES OF BIS-
		GLYCIDYL ETHERS
		LIQUEFIED BY
		REACTING
5344984	9/6/1994	METHOD FOR
		PREPARING "TWIN -
		TAILED"
		POLYOXYALKYLENE
	0/6/1004	TERITARY
5344996	9/6/1994	CATALYST REMOVAL
		FROM ALCOHOL
		ALKOXYLATES USING ACID CLAYS
F2 F202 F	10/4/1994	
5352835	10/4/1994	SUPPORTED CATALYSTS FOR
		AMINATION
5364824	11/15/1994	CATALYSTS FOR THE
JJU7027	11/13/17/7	PRODUCTION OF
		MALEIC ANHYDRIDE

 $\sqrt{\gamma}$

5414087	5/9/1995	PREPARATION OF N-
	<i>alor</i> (1.005	ALKYLPIPERAZINES
5436351	7/25/1995	IMIDAZOLIDONE
		POLYETHERAMIDE
	0/4 5/4 005	SURFACTANT
5442034	8/15/1995	ALIPHATIC SPRAY
		POLYUREA
		ELASTOMERS
	0/40/4005	CONTAINING ORGANIC
5449725	9/12/1995	POLYFUNCTIONAL
		POLYMERS USED AS
	4 /0 /4 00 <	DEINKING AGENTS
5480955	1/2/1996	ALIPHATIC SPRAY
		POLYUREA
	- 44	ELASTOMERS
5494595	2/27/1996	OIL SOLUBLE
	4/9/4.006	POLYETHERS
5504181	4/2/1996	ALIPHATIC SPRAY
		POLYUREA
	5/2.4/1.006	ELASTOMERS
5516343	5/14/1996	HYDROCARBON
		COMPOSITIONS
		CONTAINING A
	5 10.4 14.00.C	POLYETHERAMIDE
5519154	5/21/1996	POLYETHER
		SULFONATES AND
		THEIR SURFACTANT
	0/10/1005	DERIVATIVES
5612305	3/18/1997	LOW FOAM
		SURFACTANT SYSTEM
	4/4/1005	OBTAINED BY MIXING
5616677	4/1/1997	ALIPHATIC SPRAY
		POLYUREA EL ACTOMED LEGILIZADO
		ELASTOMER UTILIZING
	4/1/1007	AN AMINE CHAIN
5616811	4/1/1997	ETHERAMINE ETHOXYLATES
#645000	4/1/1007	IGNITION DETECTION
5617208	4/1/1997	METHOD AND DEVICE
		FOR A REACTION
		VESSEL
5/01/00/5	5/20/1997	PROCESS AND
5631387	3/20/1997	APPARATUS FOR THE
		PREPARATION AND
		RECOVERY
~		KECOVEKI

PATENT

REEL: 013362 FRAME: 0251

5641722	6/24/1997	IMPROVED HIGH PERFORMANCE VPO
		CATALYST AND
		PROCESS
5646235	7/8/1997	REDUCTIVE
		ALKYLATION OF
		POLYAMINES
5668217	9/16/1997	AMIDOAMINE
		MODIFICATION OF
		POLYPROPYLYENE
5698746	12/16/1997	PROCESS FOR
		PREPARING LOW
		UNSATURATION
		POLYETHER POLYOLS
5700846	12/23/1997	POLYUREA FOAM
		MADE FROM
		AMINATED
		POLYETHER
6001016	0/04/1000	POLYAMINE
5721315	2/24/1998	POLYETHER AMINE
		MODIFICATION OF
5723565	3/3/1998	POLYPROPYLENE
3723303	3/3/1998	EPOXY CURING
5731397	3/24/1998	AGENTS POLYUREA SPRAY
3/3139/	3/24/1996	RAILCAR LINING
		SYSTEMS WITH HIGH
		FLEXIBILITY
5734066	3/31/1998	ASSESSMENT OF
3751000	3/31/13/3	AUTOIGNITION
		CONDITIONS AND
		SUPPRESSION
5759695	6/2/1998	POLYUREA
		ELASTOMER SYSTEMS
		WITH IMPROVED
		ADHESION
5770782	6/23/1998	PROCESS AND SYSTEM
		FOR ALKYLATION OF
		AROMATIC
		COMPOUNDS
5773382	6/30/1998	IMPROVED HIGH
		PERFORMANCE VPO
		CATALYST AND
c W		PROCESS
\chi^		

5777187	7/7/1998	TWO STEP PROCESS FOR ALKYLATION OF
5782938	7/21/1998	BENZENE FUEL COMPOSITION
5783630	7/21/1998	POLYETHER AMINE
3783030	//21/1998	MODIFICATION OF
		POLYPROPYLENE
5847254	12/8/1998	ALKYLATION OF
J0412J4	12/6/1996	BENZENE TO FORM
		LINEAR
		ALKYLBENZENES
5861051	1/19/1999	PROCESS FOR
3001031	1,10,1000	REMOVING CARBON
		DIOXIDE FROM GAS
		MIXTURE
5877331	3/2/1999	PREVENTION OF
007.231	J. 2 , 2, 3, 5	CATALYST ATTRITION
		AND TAR FORMATION
5912382	6/15/1999	HYDROXYALKYL
		CARBAMATE
		COMPOSITIONS AND
		PROCESSES
5929183	7/27/1999	POLYFUNCTIONAL
		POLYMERS USED AS
		DEINKING AGENTS
5929256	7/27/1999	MOLYBDENUM
		MODIFIED VANADIUM-
		PHOSPHOROUS OXIDE
		CATALYSTS
5942576	8/24/1999	POLYETHER AMINE
		MODIFICATION OF
		POLYPROPYLENE
5945368	8/31/1999	MOLYBDENUM
		MODIFIED VANADIUM-
		PHOSPHATE OXIDE
		CATALYSTS
5959032	9/28/1999	POLYETHER AMINE
		MODIFICATION OF
		POLYPROPYLENE
5962144	10/5/1999	POLYUREA
		ELASTOMER SYSTEMS
^ .		WITH IMPROVED
N		ADHESION
O		

5962618	10/5/1999	POLYUREA SPRAY
2,02010		RAILCAR LINING
		SYSTEMS WITH HIGH
		FLEXIBILITY
5962699	10/5/1999	PROCESS FOR
3702037	20/0/2232	DECOLORIZING
•		ORGANIC
		CARBONATES
5962748	10/5/1999	PROCESS FOR
3702740	10/3/1999	PREPARING LOW
		UNSATURATION
		POLYETHER POLYOLS
5965667	10/12/1999	POLYETHER AMINE
3903007	10/12/1999	MODIFICATION OF
		POLYPROPYLENE
5070174	10/26/1999	PROCESS FOR THE
5972174	10/20/1777	PURIFICATION OF
		MALEIC ANHYDRIDE
5985999	11/16/1999	DYEABLE POLYOLEFIN
3983999	11/10/1997	CONTAINING
		POLYETHERAMINE
		MODIFIED
6005121	12/21/1999	HIGH PRODUCTIVITY
0003121	12/21/1999	PROCESS FOR THE
		PRODUCTION OF
		MALEIC
6013755	1/11/2000	A METHOD OF
0013733	1/11/2000	PREPARING AN
		ALIPHATIC POLYUREA
		SPRAY ELASTOMER
6015550	1/18/2000	METHOD FOR
0013330	1/16/2000	CONTROLLING ODOR
		USING ALKYLENE
		CARBONATES
6031048	2/29/2000	POLYETHER AMINE
0031046	2/27/2000	MODIFICATION OF
		POLYPROPYLENE
6040284	3/21/2000	PAINT AND COATING
0040204	5/21/2000	REMOVER
6046242	4/4/2000	PREVENTION OF
6046343	4/4/2000	CATALYST ATTRITION
		AND TAR FORMATION
		AND TAK POMMATION
مد		

مر_م

6057443	5/2/2000	DIMORPHOLINOETHYL ETHER HAVING IMPROVED ISOCYANATE
6060625	5/9/2000	STABILITY PROCESS FOR THE PRODUCTION OF ETHERAMINE ALKOXYLATES
6063145	5/16/2000	FUEL COMPOSITIONS CONTAINING ETHERAMINE ALKOXYLATES
6063965	5/16/2000	PRODUCTION OF DIETHANOLAMINE
6075168	6/13/2000	SELECTIVE PRODUCTION OF DIETHANOLAMINE
6083897	7/4/2000	SOLUBILIZATION OF LOW 2-PHENYL ALKYLBENZENE
6090245	7/18/2000	SULFONATES PROCESS FOR THE PURIFICATION OF MALEIC ANHYDRIDE
6093496	7/25/2000	POLYOLEFIN CONTAINING POLYETHERAMINE MODIFIED
6093773	7/25/2000	FUNCTIONALIZED POLYETHER AMINE MODIFICATION OF POLYPROPYLENE
6093854	7/25/2000	A PROCESS FOR PREPARING ALKANOLAMINES FROM POLYOLEFIN
6120654	9/19/2000	PROCESS FOR THE PURIFICATION OF MALEIC ANHYDRIDE
6127480	10/3/2000	DYEABLE POLYOLEFIN CONTAINING POLYETHERAMINE MODIFIED

274

6133217-	10/17/2000	SOLUBILIZATION OF LOW 2-PHENYL
		ALKYLBENZENE
		SULFONATES
6133492	10/17/2000	ALKYLATION OF
		BENZENE TO FORM
		LINEAR
	10/01/0000	ALKYLBENZENES
6140416	10/31/2000	POLYETHER AMINE MODIFICATION OF
		POLYPROPYLENE
C1 1 C F F 1	11/14/2000	ARTICLE
6146574	11/14/2000	MANUFACTURE USING
		POLYOLEFIN
(15(16)	12/5/2000	ALKYLENE
6156160	12/3/2000	CARBONATE PROCESS
6159915	12/12/2000	PAINT AND COATING
0139913	12/12/2000	REMOVER
6162776	12/19/2000	PAINT AND COATING
0102770	12,13,2000	REMOVER
6166281	12/26/2000	ALKYLATION OF
0100201		BENZENE TO FORM
		LINEAR
		ALKYLBENZENES
6169061	1/2/2001	PAINT AND COATING
		REMOVER
6187108	2/13/2001	PROPYLENE
		CARBONATE BASED
		UNCURED EPOXY
		RESIN CLEANERS
6191317	2/20/2001	PROCESS FOR
		PREPARATION OF
		POLYALKYL
	4/0/0001	HYDROXYAROMATICS
6210452	4/3/2001	FUEL ADDITIVES POLYETHER
6214914	4/10/2001	MONOAMINE WITH 36-
		44 ETHYLENE OXIDE
		UNITS AND 1-6
C220000	5/29/2001	POLYVINYL
6239090 .	3/29/2001	PYRROLIDONE AS A
		THICKENER IN PAINT
		STRIPPING
6258866	7/10/2001	BLOWING AGENT
023000	// Z 0 / M 0 0 2	COMPATIBILIZATION
•		-



6262297	7/17/2001	PREPARATION OF
		HYDROXYALKYLCARB
		AMATES FROM 6-
		MEMBERED CYCLIC
6294071	9/25/2001	METHODS FOR
025407.1	2. 20 ,2002	FORMING COPPER
		SOLUTIONS
6300505	10/9/2001	METHOD AND
0300303	10/2/2001	APPARATUS FOR
		IMPROVING THE
		UNIFORMITY
6306964	10/23/2001	POLYETHER AMINE
0300904	10/25/2001	MODIFICATION OF
		POLYPROPYLENE
6210174:	10/30/2001	PRIMARY
6310174·	10/30/2001	ALKANOLAMIDES
(215000	11/13/2001	METHOD FOR
6315908	11/13/2001	TREATMENT OF WASTE
		WATER
(015061	11/12/2001	PROCESS AND SYSTEM
6315964	11/13/2001	
•		FOR ALKYLATION OF
		AROMATIC
	1 /22 /2002	COMPOUNDS
6340559	1/22/2002	SEMICONDUCTOR
	1/2 /200	DEVELOPING AGENT
6369009	4/9 /2002	PAINT AND COATING
	4 10 0 10 0 0	REMOVER
6376588	4/23/2002	WATER SOLUBLE
		MOLD RELEASE
		COMPOSITION FOR
		ELASTOMERIC
6384240 ,	5/7/2002	PROCESS TO PRODUCE
		PHOTOCHROMIC
		GRADE ALKYLENE
		CARBONATES
6387187	5/14/2002	DECONTAMINATION OF
		ISOCYANATE FOULED
		MATERIALS
6387223 .	5/14/2002	ALKYLENE
		CARBONATE PROCESS
6395103	5/28/2002	DEGREASING
•		COMPOSITIONS
6399736	6/4/2002	METHOD OF
•		PREPARING SPRAY
		ELASTOMER SYSTEMS

 $\nu_{\omega_{\mathcal{L}}}$

6417135	7/9/2002	ADVANCES IN
		DEHYDROGENATION
		CATALYSIS
6420311	7/16/2002	POLYETHER DIAMINE
		BASED SURFACTANT
		ADJUVANTS
6420327	7/16/2002	CARBONATE BASED
		VARNISH REMOVER
6420482	7/16/2002	DYEABLE POLYOLEFIN
		CONTAINING
		POLYETHERAMINE
		MODIFIED
6436883	8/20/2002	HYDRAULIC AND GEAR
		LUBRICANTS



GRANT OF SECURITY INTEREST IN UNITED STATES TRADEMARKS AND PATENTS

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, Huntsman Petrochemical Corporation, a Delaware corporation (the "Grantor") with principal offices at 3040 Post Oak Boulevard, Houston, TX 77056, hereby grants to Deutsche Bank Trust Company Americas (formerly known as Bankers Trust Company), as Collateral Agent, with principal offices at 31 West 52nd Street, New York, NY 10022 (the "Grantee"), a security interest in (i) all of the Grantor's right, title and interest in and to the United States trademarks, trademark registrations and trademark applications (the "Marks") set forth on Schedule A attached hereto, (ii) all of the Grantor's right, title and interest in and to the United States patents (the "Patents") set forth on Schedule B attached hereto, in each case together with (iii) all Proceeds (as such term is defined in the Security Agreement referred to below) of the Marks and Patents, (iv) the goodwill of the businesses symbolized by the Marks and (v) all causes of action arising prior to or after the date hereof for infringement of any of the Marks and Patents or unfair competition regarding the same.

THIS GRANT is made to secure the full and prompt performance and payment of all the Obligations of the Grantor, as such term is defined in the Security Agreement between the Grantor, the other assignors party thereto and the Grantee, dated as of September 30, 2002 (as amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement"). Upon the occurrence of the Termination Date (as defined in the Security Agreement), the Grantee shall, upon such satisfaction, execute, acknowledge, and deliver to the Grantor an instrument in writing releasing the security interest in and re-assigning the Marks and Patents acquired under this Grant to the Grantor.

This Grant has been granted in conjunction with the security interest granted to the Grantee under the Security Agreement. The rights and remedies of the Grantee with respect to the security interest granted herein are more fully set forth in the Security Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Grant are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

[signature page follows]

IN WITNESS WHEREOF, the undersigned have executed this Grant of Security Interest as of the 30th day of 5002.

TON ISMAN PETROOPHIMICAL
CORPORATION, \/
as Grantoft X
By: Juny gov
Name: Samuel D. Scruggs
Pitle: Vice President and Treasurer
DEUTSCHE BANK TRUST COMPANY
AMERICAS (formerly known as Bankers Trust
Company), as Grantee
By:
Name:

Grant of Security Interest in United States Trademarks and Patents

IN WITNESS WHEREOF, the undersigned have executed this Grant of Security Interest as of the 30th day of \$\frac{200}{200}\$.

HUNTSMAN PETROCHEMICAL CORPORATION,	
as Grantor	
Ву:	
Name:	
Title:	
DEUTSCHE BANK TRUST COMPANY AMERICAS (formerly known as Bankers Tru Company), as Grantee	ıst
By: MARCO ORLANDO Title: DIRECTOR	

Grant of Security Interest in United States Trademarks and Patents

STATE OF /LLINOIS
COUNTY OF COOK) ss.:

On this 30th day of September, 2002 before me personally came Same Scrugs, who being duly sworn, did depose and say that he is United Trains of Huntsman Petrochemical Corporation, that he is authorized to execute the foregoing Grant of Security Interest on behalf of said corporation and that he did so by authority of the Board of Directors of said corporation.

Susan E. Ewords Notary Public

OFFICIAL SEAL
SUSAN E EDWARDS
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPRESSOR (\$7.94)

STATE OF <u>I</u>	llinois)	
COUNTY OF _	Cook)	ss.:

On this 30th day of September, 2002, before me personally came Marco Orlando who, being by me duly sworn, did state as follows: that s/he is Director of Deutsche Bank Trust Company Americas (formerly known as Bankers Trust Company), that s/he is authorized to execute the foregoing Grant of Security Interest on behalf of said corporation and that he did so by authority of the Board of Directors of said corporation.

OFFICIAL SEAL STACY ANNE RANKIN NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES:03/04/06

Schedule A

U.S. Trademark Registration Huntsman Petrochemical Corporation

Registered Mark	Registration No.	Registration Date
JEFFSOL	2077844	7/8/1997
JEFFCAT	2046303	3/18/1997
JEFFCOOL	2027525	12/31/1996
JEFFTREAT	2035971	2/4/1997
JEFF	2125922	12/30/1997
JEFFRIM	2034390	1/28/1997
JEFFOL	2297884	12/7/1999
JEFFSTRIP	2342161	4/18/2000
CARBALINK	2271545	8/24/1999
BUBBLE DESIGN	2200138	10/27/1998
DGA	1254970	10/25/1983
DIGLYCOLAMINE	0790882	6/15/1965
HARTFLOC	1951651	1/23/1996
JEFFAMINE	0900546	10/13/1970
JEFFERSOL	0769789	5/19/1964
JEFFOX	1283943	7/3/1984
QUICKTREAT	1710727	8/25/1992
SURFOL	2359811	6/20/2000
SURFONAMINE	2299734	12/14/1999
SURFONIC	0623813	3/27/1956
SURFONIC	0638883	12/18/1956
UNIBIND	2145091	· 3/17/1998
ULTRAPURE	2439636	3/27/2001
UNIFROTH	2343670	4/18/2000
HARTOSOFT	2373035	8/1/2000
POGOL	2375441	8/8/2000
TERMUL	APP. # 78/086508	10/2/2001
TERSPERSE	APP. # 76/310848	9/10/2001
TERWET	APP. # 75/888924	1/6/2000
ALKAPOL	1470302	12/29/1987
E-GRADE	APP. # 76/121120	9/1/2000
JEFFLINK	APP. # 78/053882	3/19/2001
AMINOLOGY	APP. # 78/115824	3/19/2002



<u>U.S. Patents and Applications</u> Huntsman Petrochemical Corporation

All patents are encumbered with security interests.

Patent Number	Registration Date	<u>Title</u>
APP. # 736842	7/29/1991	LACTONE-IMIDAZOLE COMPLEXES
APP. # 652437	8/31/2000	WATER EMULSIFIABLE FORMULATIONS
APP. # 10/191217	7/9/2002	WATER EMULSIFIABLE FORMULATIONS
APP. # 777763	2/6/2001	POLYETHER AMINE MODIFICATION OF
APP. # 598692	4/20/1998	POLYPROPYLENE ALKYLATION OF BENZENE TO FORM LINEAR
APP. # 10/046936	1/14/2002	ALKYLBENZENES METHOD OF PREPARING SPRAY
APP. # 491697	1/26/2000	ELASTOMER SYSTEMS METHOMYL CONCENTRATE
APP. # 307955	5/10/1999	SOLUTIONS IMPROVED GLYCOL PURIFICATION
APP. #479436	1/7/2000	SUFACTANT COMPOSITIONS CONTAINING ALKOXYLATED
APP. # 480836	1/10/2000	AMINES ANHYDRIDE STABILIZATION
APP. # 10/224050	8/20/2002	ANHYDRIDE STABILIZATION
APP. #10/223990	8/20/2002	ANHYDRIDE STABILIZATION

7

APP. # 10/121319	4/12/2002	PHOSPHATE ESTER
		BASED SURFACTANT
		ADJUVANTS AND
		COMPOSITIONS
APP. # 640834	8/17/2000	MANNICH
		CONDENSATE BASED
		SURFACTANT
		ADJUVANTS
APP. # 597313	6/20/2000	MANUFACTURE OF
2 - 2 - 1 - 1 - 1 - 1		CYCLOHEXANE FROM
		BENZENE AND
		HYDROGEN
APP. # 654439	9/1/2000	PAINT STRIPPING
101.77	<i>y,</i> 1, 2000	COMPOSITIONS
APP. #10/223867	8/20/2002	PAINT STRIPPING
AG 1: #10/225007	0/20/2002	COMPOSITIONS
APP. # 10/061565	2/1/2002	PAINT AND COATING
AFF. # 10/001505	2/1/2002	REMOVER
APP. # 640224	8/16/2000	ALKALI-SILICATE
AFF. # 040224	8/10/2000	POLYISOCYANATE
ADD # 10/015064	12/11/2001	COMPOSITES
APP. # 10/015064	12/11/2001	ALKALI- SILICATE
		POLYISOCYANATE
	T (4.0.40.0.4	COMPOSITES
APP. # 905237	7/13/2001	REDUCED POUR POINT
		SURFACTANTS
APP. # 961589	9/24/2001	PRIMARY
		ALKANOLAMIDES
APP. # 704001	11/1/2000	PAINT AND COATING
		REMOVER
APP. # 603168	6/26/2000	CONCENTRATED
		SURFACTANT BLENDS
APP. #196998	7/16/2002	CONCENTRATED
		SURFACTANT BLENDS
APP. # 10/140178	5/17/2002	ADVANCES IN
		DEHYDROGENATION
		CATALYSIS
APP. # 10/083230	2/26/2002	PURIFICATION OF
		ALKYLENE
		CARBONATES
APP. # 10/071169	2/8/2002	PROCESS TO PRODUCE
		PHOTOCHROMIC
		GRADE ALKYLENE
	•	CARBONATES
APP. # 537121	3/29/2000	LOW POUR POINT
A MAR A 1 (1) WW / LAWA	2,2,200	PRIMARY AMIDES

24

ADD # 710000	11/21/2000	SURFACTANT
APP. # 718208	11/21/2000	ADJUVANTS USEFUL IN
		HERBICIDE
		COMPOSITIONS
" - 0 / 5 / 5 / 5 / 5	6/19/2002	SURFACTANT
APP. # 10/175535	6/18/2002	ADJUVANTS USEFUL IN
		HERBICIDE
		COMPOSITIONS
	2/1/2002	DEGREASING
APP. # 10/061536	2/1/2002	COMPOSITIONS
	0/26/2000	REMOVAL OF DEHA
APP. # 669982	9/26/2000	FROM A BUTADIENE
		STREAM
!! #500.44	4/26/2000	SOLID ALKLYBENZENE
APP. # 559841	4/26/2000	SULFONATES AND
		CLEANING
		COMPOSITIONS
	0/5/0001	ALKYL GLYCIDYL
APP. # 946318	9/5/2001	CARBONATE
		COMPOSITIONS AND
		THEIR PREPARATION
	0/5/0001	ALTERNATIVE
APP. # 946313	9/5/2001	
		PHOTORESIST
	61619000	STRIPPING SOLUTIONS
APP. # 10/164793	6/6/2002	ALTERNATIVE PHOTO RESIST STRIPPING
	10/00/000	COMPOSITIONS
APP. # 752118	12/29/2000	PROCESS FOR THE
		PRODUCTION OF HIGH MELTING
		CARBONATES
"	7/14/2000	FUEL AND OIL
APP. # 616568	7/14/2000	DETERGENTS
" 0 (0 (0 (0)	5/22/2001	PREPARATION OF
APP. # 863558	5/23/2001	HYDROXYALKYLCARB
		AMATES FROM 6-
		MEMBERED CYCLIC
	11/28/2000	PAINT STRIPPER FOR
APP. # 723870	11/28/2000	AIRCRAFT AND OTHER
		MULTICOAT SYSTEMS
ADD # 660061	9/25/2000	CLEANING
APP. # 668961	9/23/2000	COMPOSITIONS FOR
		HARD SURFACES
		(AMENDED)
		(MIMEIADEA)

Q2

APP. # 665642	9/19/2000	ALKYL TOLUENE SULFONATE
	10/04/2000	DETERGENTS
APP. # 695569	10/24/2000	AGRICULTURAL
		FORMULATIONS
		CONTAINING
		ENHANCED SURFACTANTS
"	1/5/0001	
APP. # 754867	1/5/2001	ADVANCED SULFOSUCCINAMATE
		SURFACTANTS
177 // 04/010	0/5/2001	ALKOXYLATION WITH
APP. # 946312	9/5/2001	6-MEMBERED
		ALKYLENE
		CARBONATES
ADD # 922014	3/30/2001	MULTIFUNCTIONAL
APP. # 822914	3/30/2001	CARBONATES AND
		DERIVATIVES
APP. # 776985	2/5/2001	STYRENE
APP. # //0985	2/3/2001	COPOLYMERS
		COMBINED WITH
		METALLIC SPECIES
APP. # 766480	1/19/2001	STYRENE
APP. # 700460	1/19/2001	COPOLYMERS IN DE-
		INKING
APP. # 10/164027	6/6/2002	STYRENE
A11.# 10/10402/	5, 6,2002	COPOLYMERS IN DE-
		INKING
APP. # 843330	4/26/2001	PROCESS TO REMOVE
A11. # 043550	3 3 = =	PAINT AND PRIMER
		COATINGS
APP. # 10/127286	4/22/2002	POLYMERIZATION-
		INHIBITED
		DISTILLATION
APP. # 842451	4/26/2001	ADVANCES IN
		TOWELETTES
APP. # 10/038462	1/7/2002	ADVANCES IN
		URETHANE FOAM
		CATALYSIS
APP. # 950133	9/10/2001	CATALYST SYSTEMS
		FOR POLYURETHANE
		POLYESTER FOAMS
APP. #950147	9/10/2001	ABSORBENT POLYMER
		MODIFICATION

40

APP. # 60/322696	9/17/2001	METHODS FOR
		STABILIZING AQUEOUS
		ALKYLENE
		CARBONATE
APP. # 953776	9/17/2001	MANNICH POLYOLS
		FOR RIGID SPRAY
		FOAMS
APP. # 60/329453	10/15/2001	SCRUBBING PADS
		COMPRISING
		POLYUREAS
APP. # 60/345881	10/23/2001	ADVANCES IN
		AMINATION
APP. # 60/337538	11/8/2001	DRILLING FLUIDS
APP. # 60/333889	11/28/2001	SULFOSUCCINAMATE
		SURFACTANTS AS
		DEPOSITION
		INHIBITORS
APP. # 60/340658	12/14/2001	ADVANCES IN
		AMINATION
		CATALYSIS
APP. # 10/124925 ⁻	4/18/2002	ADVANCES IN
		AMINATION
		CATALYSIS
APP. # 60/350866	1/22/2002	COATING REMOVER
		COMPOSITIONS AND
•		USE THEREOF
APP. # 60/371965	4/12/2002	AMIND BLEND
		ACCELERATORS FOR
		POLYOXYALKYLENE
		POLYAMINE CURED
APP. # 60/390668	6/21/2002	AMINE BLEND
		ACCELERATORS FOR
		POLYOXYALKLENEPOL
		YAMINE CURED
APP. # 60/379580	5/10/2002	AMINE BLEND
		ACCELERATORS FOR
		POLYOXYALKYLENEPO
		LYAMINE CURED
APP. # 60/372975	4/16/2002	6-MEMBERED CYCLIC
		CARBONATES
APP. # 60/391754`	6/26/2002	COLOR STABILIZATION
APP. # 10/200361 ·	7/22/2002	PREPARATION OF
		SECONDARY AMINES
4421906	12/20/1983	WATER-BASED EPOXY
		RESIN COATING

	,	
4464488	8/7/1984	POLYURETHANES
		USING
		MONOCARBOXYLIC
		ACID SALTS
4479010	10/23/1984	PROCEDURE FOR THE
		ALKOXYLATION OF
		POLYOXYALKYLENEA
		MINES
4482743	11/13/1984	HYDROXYALKYL BIS
		(DIALKYLAMINOALKY
		L) AMINE
		MANUFACTURE
4485229	11/27/1984	EPOXY RESIN
		CONTAINING A
		COMBINATION OF HIGH
		AND LOW
4487805	12/11/1984	DECORATIVE EPOXY
		RESIN AGGREGATE
		BINDER FORMULATION
4487806	12/11/1984	DECORATIVE EPOXY
		RESIN AGGREGATE
		BINDER FORMULATION
4487987	12/11/1984	METHOD OF
		DECOLORIZING
		MIXTURES OF
		AMINOETHYLPIPERAZI
		NE
4492801	1/8/1985	PRODUCTION OF N-
		SUBSITUTED (METH)
		ACRYLAMIDES
4501907	2/26 1985	MALEIC ANHYDRIDE
		PRODUCTION USING
		HIGH BUTANE FEED
4533719	8/6/1985	EPOXY RESINS WITH
		INCREASED
		FLEXIBILITY
4560674	12/24/1985	CATALYSTS FOR THE
		PRODUCTION OF
		MALEIC ANHYDRIDE
4562268	12/31/1985	PROCESS FOR
		PRODUCING MALEIC
		ANHYDRIDE

Sy

4567158	1/28/1986	PROCESS FOR PREPARING
		PHOSPHORUS-
		VANADIUM MIXED
		OXIDE
4570620	4/1/1986	
4579630	4/1/1986	BIS (AMINOETHYL)
		ETHER AND
		METHOXYETHYL
		MORPHOLINE
460000	T/00/1007	SEPARATED
4602085	7/22/1986	CATALYTIC PROCESS
		FOR THE PRODUCTION
		OF HYDROXYAMINE
4618717	10/21/1986	CATALYTIC PROCESS
		FOR THE PRODUCTION
		OF PRIMARY AMINES
4632915	12/30/1986	IRON/LITHIUM-
		PROMOTED
		CATALYSTS FOR THE
		PRODUCTION OF
		MALEIC
4642303	2/10/1987	CATALYST
•		COMPOSITION
4645623	2/24/1987	ALKYLARYL
		SULFONATE
		COMPOSITIONS
4670415	6/2/1987	PROCESS FOR THE
		PREPARATION OF
		IRON/LITHIUM-
		PROMOTED
4673762	6/16/1987	DECOLORIZING
		ETHANOLAMINES
		WITH ALKYLENE
		OXIDES
4687593	8/18/1987	ALKYLARYL
		SULFONATE
		COMPOSITIONS
4691041	9/1/1987	PROCESS FOR THE
		PRODUCTION OF
		ETHYLENE GLYCOL
		AND DIMETHYL
4705814	11/10/1987	REACTION PRODUCT
	<u> </u>	OF
		POLYOXYALKYLENE
<i>-</i>		POLYAMINE
96		

4732919	3/22/1988	REACTION INJECTION MOLDED ELASTOMER MADE
4761465	8/2/1988	ISOCYANATE CAPPED POLYOXYALKYLENE DIAMINES PREPARED
4766245	8/23/1988	PROCESS FOR THE PREPARATION OF POLYOXYALKYLENE POLYAMINES
4767555	8/30/1988	POLYOXYALKYLENE DIAMINES MODIFIED BY GLYCIDYL ETHERS
4775519	10/4/1988	REMOVAL OF ACID GASES FROM GAS STREAMS
4827038	5/2/1989	BIS (DIAMINOPOLYALKOX Y)-N-ALKYLAMINES BY AMINATION
4827039	5/2/1989	NITRILO (TRIS) POLYOXYALKYLENEA MINES IN A REACTION INJECTION
4835241	5/30/1989	EPOXY COATINGS USING ACRYLATE ESTERS, POLYETHERPOLYAMIN ES
4855459	8/8/1989	PROCESS FOR THE PRODUCTION OF MALEIC ANHYDRIDE
4888446.	12/19/1989	PREPARATION OF POLYOXYALKYLENE GLYCOL AMINES
4891086	1/2/1990	STRAND COATING METHOD
4892977	1/9/1990	PREPARATION OF NONIONIC SURFACTANTS BY OXYLKYLATION
4897430	1/30/1990	ONE COMPONENT POLYUREA

, 07

4904711	2/27/1990	POLYMER CONCRETE
		COMPOSITION FOR
		CEMENTITIOUS ROAD
		REPAIR
4906774	3/6/1990	PROCESS FOR
	5, 0, 133 0	PREPARING DIAMINES
4925988	5/15/1990	LOW FOAMING
4723700	3/13/1770	SURFACTANT
4946933	8/7/1990	ELASTOMERIC
4540555	6/ // 1990	POLYAMIDE HOT MELT
		ADHESIVE FROM LOW
4990576	2/5/1991	MOLECULAR
4990370	2/3/1991	TETRAMINES BY
		AMINATION OF
		POLYOXYALKYLENE
	2/2 / / / 2 /	GLYCOLS
5003107	3/26/1991	CATALYTIC METHOD
		FOR THE REDUCTIVE
		AMINATION
5011926	4/30/1991	NICKEL-BASED DUAL
		CATALYST SYSTEM TO
		SUPPRESS CARBON
		DIOXIDE
5030710	7/9/1991	NYLON-6 MODIFIED
•		WITH TEREPHTHALIC
		ACID SALT
5049411	9/17/1991	POLYMER CONCRETE
•		COMPOSITION
5053484	10/1/1991	POLYETHER AMIDES
•		PREPARED FROM A
		POLYOXYALKYLENE
		POLYAMINE
5053569	10/1/1991	PROCESS FOR
		OLIGOMERIZING
		OLEFINS TO PREPARE
		BASE STOCKS
5055231	10/8/1991	REACTION PRODUCTS
	10,0,1001	OF BORIC ACID AND
		ALKANOLETHERAMINE
		S
5066804-	11/19/1991	PREPARATION OF
3000001	11,13,1331	ALKYL
		MORPHOLINONES
5071980	12/10/1991	NICKEL/RUTHENIUM
JU1170U	14/10/1771	DUAL CATALYST
		SYSTEMS
		2 I 2 I EM2

5075506	12/24/1991	CONTINUOUS PREPARATION OF
		SECONDARY AMINES
£000004	1/21/1992	FROM NITRILES POLYAMIDE-ESTER
5082924	1/21/1992	FROM POLYETHYLENE
		GLYCOL MONOAMINE
5086162	2/4/1992	POLYETHER AMIDE
J000102	21-11 1992	FROM POLYALKYLENE
		GLYCOL DIAMINE AND
		DIACID
5091572	2/25/1992	AMINE TERMINATED
		POLYAMIDES
5091585	2/25/1992	CONTINUOUS
		PREPARATION OF
		TERTIARY ALIPHATIC
		METHYL AMINES
5093455	3/3/1992	N, N-
		DIALKYLENEDIAMINES
#000.4#O	2/2/1000	AS CURING AGENTS
5093458	3/3/1992	4-METHYL-2-
		MORPHOLINONE AS A
		CURATIVE FOR EPOXY RESIN
5099073	3/24/1992	CATALYTIC PROCESS
3033073	3/24/1992	FOR THE PRODUCTION
		OF DIKETONE
		DERIVATIVES
5103062	4/7/1992	LOW-MELTING, WATER
0100002		SOLUBLE
		POLYOXYALKLYENE
		AMINES PREPARED
5118728	6/2/1992	SPRAY POLY UREA
		ELASTOMERS USING
		CHOPPED GLASS
		ROVING
5118785	6/2/1992	POLYAMIDES
		PREPARED FROM
		POLYOXYALKLENE
£100017	6/0/1000	DIAMINES
5120817	6/9/1992	POLYAMIDES PREPARED FROM
		POLYOXYALKYLENE
1		DIAMINES
34		DIMMINIO

5124426	6/23/1992	DI (METHYLTHIO)- TOLUENEDIAMINE AS A CHAIN EXTENDER IN SPRAY
5128441	7/7/1992	BLOCK POLYAMIDO CONDENSATION PRODUCTS
5136035	8/4/1992	CATALYTIC SYNTHESIS OF ALKYL MORPHOLINONES
5137860	8/11/1992	PROCESS FOR THE TRANSFORMATION OF VANADIUM/PHOSPHOR US MIXED
5140090	8/18/1992	ALIPHATIC POLYUREAS PREPARED FROM POLYOXYALKYLENEPO
5140097	8/18/1992	LYAMINES POLYAMIDES PREPARED FROM DICARBOXYLIC ACIDS,
5146041	9/8/1992	E.G., ADIPIC METHOD OF SEPARATING ISOBUTYLENE FROM A
5153232	10/6/1992	C-4 HYDROCARBON WATER BLOWN POLYUREA FOAMS BASED ON ALIPHATIC
5162388	11/10/1992	PRIMARY CYCLOALIPHATIC DIAMINES, E.G.,1, 3- DIAMINO
5168090	12/1/1992	CYCLOHEXANE SHAPED OXIDATION CATALYST
5177301	. 1/5/1993	STRUCTURES METHOD OF SEPARATING ISOBUTYLENE FROM A
5185455	2/9/1993	C-4 HYDROCARBON METHOD FOR IMPROVING THE PERFORMANCE OF VPO
, 4 1		CATALYSTS

5185485	2/9/1993	PROCESS FOR
		PREPARING
£100073	2/22/1002	ALKYLBENZENE
5189073	2/23/1993	PROCESS FOR THE
		PRODUCTION OF
	7/221002	EXPANDED MATERIALS
5189075	2/231993	POLYUREA
		ELASTOMERS MADE
		USING
		POLYOXYALKYLENE
******	2/2/1002	TETRA
5191033	. 3/2/1993	EPOXY RESIN
		COMPOSITION
		CONTAINING
		AMINATED EPOXY
5218005	6/8/1993	SPRAY POLYUREA
		ELASTOMERS
		PREPARED USING LOW
		MOLECULAR
5235007	8/10/1993	EPOXY CURING
		AGENTS
5238971	8/24/1993	POLYOXYALKYLENE
		GLYCOLS CONTAINING
		IMIDAZOLIDONES
5239048	8/24/1993	AROMATIC
		POLYOXYALKYLENE
		AMIDOAMINES
5248756	9/28/1993	CRYSTALLIZATION
		AGENT FOR
		BISPHENOL-A
		POLYCARBONATE
5250632	10/5/1993	HEIMD-CONTAINING
		POLYETHERAMINE
		CURATIVE
5254668	10/19/1993	POLY (AMIDE-ETHER-
		AMIDE) ABA TRIBLOCK
		COPOLYMERS
5254737.	10/19/1993	
		CONTINUOUS
		PREPARATION OF
		SECONDARY AMINES
		FROM NITRILES
5262551	11/16/93	PROCESS FOR
- 		ETHYLENE
		EPOXIDATION
λ		
, _U		

5266671	11/30/1993	CHEMICALLY SIZED MINERAL PARTICLES IN SPRAY POLYUREA
5275996	1/4/1994	PHOSPHOROUS/VANAD IUM OXIDE CATALYST
5276215	1/4/1994	ALKYLPHENOLS PREPARED FROM PHENOL AND CORRESPONDING OLEFINS
5288873	2/22/1994	AMINATED ALKOXYLATED IMIDAZOLIDONES
5298618	3/29/1994	MACROCYCLIC OXAMIDES
5317076	5/31/1994	SPRAY POLYUREA ELASTOMERS BASED ON AN AMINATED 1,2-BUTYLENE
5324812	6/28/1994	WATER SOLUBLE POLYAMIDES PREPARED FROM DIMER ACIDS
5324880	6/28/1994	PROCESS FOR DEHYDROGENATION OF PARAFFIN
5340889	8/23/1994	CARBONATES OF BIS- GLYCIDYL ETHERS LIQUEFIED BY REACTING
5344984	9/6/1994	METHOD FOR PREPARING "TWIN - TAILED" POLYOXYALKYLENE
5344996	9/6/1994	TERITARY CATALYST REMOVAL FROM ALCOHOL ALKOXYLATES USING ACID CLAYS
5352835	10/4/1994	SUPPORTED CATALYSTS FOR AMINATION
5364824	11/15/1994	CATALYSTS FOR THE PRODUCTION OF MALEIC ANHYDRIDE



5414087	5/9/1995	PREPARATION OF N-
•		ALKYLPIPERAZINES
5436351	7/25/1995	IMIDAZOLIDONE
		POLYETHERAMIDE
		SURFACTANT
5442034	8/15/1995	ALIPHATIC SPRAY
		POLYUREA
		ELASTOMERS
		CONTAINING ORGANIC
5449725	9/12/1995	POLYFUNCTIONAL
		POLYMERS USED AS
		DEINKING AGENTS
5480955	1/2/1996	ALIPHATIC SPRAY
		POLYUREA
		ELASTOMERS
5494595	2/27/1996	OIL SOLUBLE
		POLYETHERS
5504181	4/2/1996	ALIPHATIC SPRAY
		POLYUREA
		ELASTOMERS
5516343	5/14/1996	HYDROCARBON
		COMPOSITIONS
		CONTAINING A
		POLYETHERAMIDE
5519154	5/21/1996	POLYETHER
		SULFONATES AND
		THEIR SURFACTANT
		DERIVATIVES
5612305	3/18/1997	LOW FOAM
		SURFACTANT SYSTEM
		OBTAINED BY MIXING
5616677	4/1/1997	ALIPHATIC SPRAY
		POLYUREA
		ELASTOMER UTILIZING
		AN AMINE CHAIN
5616811	4/1/1997	ETHERAMINE
		ETHOXYLATES
5617208	4/1/1997	IGNITION DETECTION
		METHOD AND DEVICE
		FOR A REACTION
	5/00/1005	VESSEL PROCESS AND
5631387	5/20/1997	APPARATUS FOR THE
		PREPARATION AND
		RECOVERY
\checkmark		KECOVEK I

5641722	6/24/1997	IMPROVED HIGH PERFORMANCE VPO
		CATALYST AND
		PROCESS
5646235	7/8/1997	REDUCTIVE
		ALKYLATION OF
		POLYAMINES
5668217	9/16/1997	AMIDOAMINE
		MODIFICATION OF
		POLYPROPYLYENE
5698746	12/16/1997	PROCESS FOR
		PREPARING LOW
		UNSATURATION
		POLYETHER POLYOLS
5700846	12/23/1997	POLYUREA FOAM
		MADE FROM
		AMINATED
		POLYETHER
		POLYAMINE
5721315	2/24/1998	POLYETHER AMINE
		MODIFICATION OF
		POLYPROPYLENE
5723565	3/3/1998	EPOXY CURING
		AGENTS
5731397	3/24/1998	POLYUREA SPRAY
		RAILCAR LINING
		SYSTEMS WITH HIGH
		FLEXIBILITY
5734066	3/31/1998	ASSESSMENT OF
		AUTOIGNITION
		CONDITIONS AND
		SUPPRESSION
5759695	6/2/1998	POLYUREA
		ELASTOMER SYSTEMS
		WITH IMPROVED
		ADHESION
5770782	6/23/1998	PROCESS AND SYSTEM
		FOR ALKYLATION OF
		AROMATIC
	450400	COMPOUNDS
5773382	6/30/1998	IMPROVED HIGH
		PERFORMANCE VPO
		CATALYST AND
, an		PROCESS
, ~		

PATENT

REEL: 013362 FRAME: 0281

BENZENE	5777187	7/7/1998	TWO STEP PROCESS
5782938 7/21/1998 FUEL COMPOSITION			FOR ALKYLATION OF
5783630 7/21/1998 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE	E701010	7/21/1008	
MODIFICATION OF POLYPROPYLENE	= ' ' '		
POLYPROPYLENE	3783030	772171996	
12/8/1998			
BENZENE TO FORM LINEAR ALKYLBENZENES	5847254	12/8/1998	
LINEAR	J04/234	12/0/200	
1/19/1999 PROCESS FOR REMOVING CARBON DIOXIDE FROM GAS MIXTURE			LINEAR
REMOVING CARBON DIOXIDE FROM GAS MIXTURE			ALKYLBENZENES
DIOXIDE FROM GAS MIXTURE	5861051	1/19/1999	PROCESS FOR
MIXTURE			REMOVING CARBON
5877331 3/2/1999 PREVENTION OF CATALYST ATTRITION AND TAR FORMATION			DIOXIDE FROM GAS
CATALYST ATTRITION AND TAR FORMATION AND TAR FORMATION HYDROXYALKYL CARBAMATE COMPOSITIONS AND PROCESSES 5929183 7/27/1999 POLYFUNCTIONAL POLYMERS USED AS DEINKING AGENTS DEINKING AGENTS MODIFIED VANADIUM- PHOSPHOROUS OXIDE CATALYSTS 5942576 8/24/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5945368 8/31/1999 MOLYBDENUM MODIFIED VANADIUM- PHOSPHATE OXIDE CATALYSTS 5959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA			MIXTURE
AND TAR FORMATION FORMATION HYDROXYALKYL CARBAMATE COMPOSITIONS AND PROCESSES PROCESSES PROLYFUNCTIONAL POLYMERS USED AS DEINKING AGENTS OLYBDENUM MODIFIED VANADIUM-PHOSPHOROUS OXIDE CATALYSTS CATALYSTS DEINKING AGENTS MODIFICATION OF POLYPROPYLENE MODIFICATION OF POLYPROPYLENE CATALYSTS DEINKING AGENTS MODIFICATION OF POLYPROPYLENE CATALYSTS DEINKING AGENTS MODIFICATION OF POLYPROPYLENE MODIFICATION OF POLYPROPYLENE DEINKING AGENTS DEINKING	5877331	3/2/1999	
5912382 6/15/1999 HYDROXYALKYL CARBAMATE COMPOSITIONS AND PROCESSES			
CARBAMATE COMPOSITIONS AND PROCESSES 5929183 7/27/1999 POLYFUNCTIONAL POLYMERS USED AS DEINKING AGENTS MOLYBDENUM MODIFIED VANADIUM- PHOSPHOROUS OXIDE CATALYSTS 5942576 8/24/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5945368 8/31/1999 MOLYBDENUM MODIFIED VANADIUM- PHOSPHATE OXIDE CATALYSTS 5959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA			
COMPOSITIONS AND PROCESSES	5912382	6/15/1999	
PROCESSES POLYFUNCTIONAL POLYMERS USED AS DEINKING AGENTS DEINKING AGENTS DEINKING AGENTS MOLYBDENUM MODIFIED VANADIUM-PHOSPHOROUS OXIDE CATALYSTS CATALYSTS POLYETHER AMINE MODIFICATION OF POLYPROPYLENE MODIFIED VANADIUM-PHOSPHATE OXIDE CATALYSTS CATALYSTS POLYBDENUM MODIFIED VANADIUM-PHOSPHATE OXIDE CATALYSTS CATALYSTS POLYETHER AMINE MODIFICATION OF POLYPROPYLENE MODIFICATION OF POLYPROPYLENE POLYPROPYLENE POLYPROPYLENE POLYPROPYLENE POLYPROPYLENE POLYPROPYLENE POLYPROPYLENE POLYPROPYLENE POLYUREA			
5929183 7/27/1999 POLYFUNCTIONAL POLYMERS USED AS DEINKING AGENTS			
POLYMERS USED AS DEINKING AGENTS DEINKING AGENTS DEINKING AGENTS MOLYBDENUM MODIFIED VANADIUM- PHOSPHOROUS OXIDE CATALYSTS 5942576 8/24/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5945368 8/31/1999 MOLYBDENUM MODIFIED VANADIUM- PHOSPHATE OXIDE CATALYSTS 5959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA			
DEINKING AGENTS MOLYBDENUM MODIFIED VANADIUM-PHOSPHOROUS OXIDE CATALYSTS	5929183	7/27/1999	
5929256 7/27/1999 MOLYBDENUM MODIFIED VANADIUM-PHOSPHOROUS OXIDE CATALYSTS 5942576 8/24/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5945368 8/31/1999 MOLYBDENUM MODIFIED VANADIUM-PHOSPHATE OXIDE CATALYSTS 5959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA			
MODIFIED VANADIUM- PHOSPHOROUS OXIDE CATALYSTS 5942576 8/24/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5945368 8/31/1999 MOLYBDENUM MODIFIED VANADIUM- PHOSPHATE OXIDE CATALYSTS 5959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA		5/05/1000	
PHOSPHOROUS OXIDE CATALYSTS 5942576 8/24/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5945368 8/31/1999 MOLYBDENUM MODIFIED VANADIUM- PHOSPHATE OXIDE CATALYSTS 5959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA	5929256	7/27/1999	
CATALYSTS 5942576 8/24/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE S945368 8/31/1999 MOLYBDENUM MODIFIED VANADIUM-PHOSPHATE OXIDE CATALYSTS S959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE S962144 10/5/1999 POLYUREA			
5942576 8/24/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5945368 8/31/1999 MOLYBDENUM MODIFIED VANADIUM-PHOSPHATE OXIDE CATALYSTS 5959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA			
MODIFICATION OF POLYPROPYLENE 5945368 8/31/1999 MOLYBDENUM MODIFIED VANADIUM- PHOSPHATE OXIDE CATALYSTS 5959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA	5040576	9/24/1000	
POLYPROPYLENE POLYPROPYLENE MOLYBDENUM MODIFIED VANADIUM-PHOSPHATE OXIDE CATALYSTS POLYETHER AMINE MODIFICATION OF POLYPROPYLENE POLYPROPYLENE POLYPROPYLENE POLYUREA POLYUREA	5942576	8/24/1999	
5945368 8/31/1999 MOLYBDENUM MODIFIED VANADIUM-PHOSPHATE OXIDE CATALYSTS 5959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA			
MODIFIED VANADIUM-PHOSPHATE OXIDE CATALYSTS 5959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA	5045268	8/31/1999	-
PHOSPHATE OXIDE CATALYSTS 5959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA	3343300	0/31/17/7	
5959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA			
5959032 9/28/1999 POLYETHER AMINE MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA			
MODIFICATION OF POLYPROPYLENE 5962144 10/5/1999 POLYUREA	5959032	9/28/1999	
5962144 10/5/1999 POLYUREA	3,3,03 2	2, 20, 27, 2	
570=211			POLYPROPYLENE
	5962144	10/5/1999	POLYUREA
ELASTOMER SYSTEMS			ELASTOMER SYSTEMS
WITH IMPROVED			
\sim ADHESION	1/2		ADHESION
* 8	8		

5962618	10/5/1999	POLYUREA SPRAY
		RAILCAR LINING
		SYSTEMS WITH HIGH
		FLEXIBILITY
5962699	10/5/1999	PROCESS FOR
		DECOLORIZING
		ORGANIC
		CARBONATES
5962748	10/5/1999	PROCESS FOR
0,021.10		PREPARING LOW
		UNSATURATION
		POLYETHER POLYOLS
5965667	10/12/1999	POLYETHER AMINE
		MODIFICATION OF
		POLYPROPYLENE
5972174	10/26/1999	PROCESS FOR THE
		PURIFICATION OF
		MALEIC ANHYDRIDE
5985999	11/16/1999	DYEABLE POLYOLEFIN
		CONTAINING
		POLYETHERAMINE
		MODIFIED
6005121	12/21/1999	HIGH PRODUCTIVITY
		PROCESS FOR THE
		PRODUCTION OF
		MALEIC
6013755	1/11/2000	A METHOD OF
		PREPARING AN
		ALIPHATIC POLYUREA
		SPRAY ELASTOMER
6015550	1/18/2000	METHOD FOR
		CONTROLLING ODOR
		USING ALKYLENE
		CARBONATES
6031048	2/29/2000	POLYETHER AMINE
		MODIFICATION OF
		POLYPROPYLENE
6040284	3/21/2000	PAINT AND COATING
		REMOVER
6046343	4/4/2000	PREVENTION OF
		CATALYST ATTRITION
		AND TAR FORMATION
s.		
		

2/2h

6057443	5/2/2000	DIMORPHOLINOETHYL
		ETHER HAVING
		IMPROVED
		ISOCYANATE
		STABILITY
6060625	5/9/2000	PROCESS FOR THE
		PRODUCTION OF
		ETHERAMINE
		ALKOXYLATES
6063145	5/16/2000	FUEL COMPOSITIONS
		CONTAINING
		ETHERAMINE
		ALKOXYLATES
6063965	5/16/2000	PRODUCTION OF
		DIETHANOLAMINE
6075168	6/13/2000	SELECTIVE
		PRODUCTION OF
		DIETHANOLAMINE
6083897	7/4/2000	SOLUBILIZATION OF
		LOW 2-PHENYL
		ALKYLBENZENE
		SULFONATES
6090245	7/18/2000	PROCESS FOR THE
		PURIFICATION OF
		MALEIC ANHYDRIDE
6093496	7/25/2000	POLYOLEFIN
		CONTAINING
		POLYETHERAMINE
		MODIFIED
C000000	F /2 5 /2 0 0 0	FUNCTIONALIZED
6093773	7/25/2000	POLYETHER AMINE
		MODIFICATION OF
(000054	7/25/2000	POLYPROPYLENE
6093854	7/25/2000	A PROCESS FOR
		PREPARING
		ALKANOLAMINES
(120/54	0/10/2000	FROM POLYOLEFIN
6120654	9/19/2000	PROCESS FOR THE
		PURIFICATION OF
£12749A	10/2/2000	MALEIC ANHYDRIDE
6127480	10/3/2000	DYEABLE POLYOLEFIN
		CONTAINING
		POLYETHERAMINE
		MODIFIED

6133217-	10/17/2000	SOLUBILIZATION OF LOW 2-PHENYL
		ALKYLBENZENE
		SULFONATES
6133492	10/17/2000	ALKYLATION OF
		BENZENE TO FORM
		LINEAR
		ALKYLBENZENES
6140416	10/31/2000	POLYETHER AMINE
		MODIFICATION OF
		POLYPROPYLENE
6146574	11/14/2000	ARTICLE
		MANUFACTURE USING
	45/7/245	POLYOLEFIN
6156160	12/5/2000	ALKYLENE
	4 - 4 - 4	CARBONATE PROCESS
6159915	12/12/2000	PAINT AND COATING
****	10/10/0000	REMOVER
6162776	12/19/2000	PAINT AND COATING
	10/06/0000	REMOVER
6166281	12/26/2000	ALKYLATION OF
		BENZENE TO FORM
		LINEAR
(1.(00.61	1/0/2001	ALKYLBENZENES
6169061	1/2/2001	PAINT AND COATING
C107100	2/13/2001	REMOVER PROPYLENE
6187108	2/13/2001	CARBONATE BASED
		UNCURED EPOXY
		RESIN CLEANERS
6191317	2/20/2001	PROCESS FOR
0191317	2/20/2001	PREPARATION OF
		POLYALKYL
		HYDROXYAROMATICS
6210452	4/3/2001	FUEL ADDITIVES
6214914	4/10/2001	POLYETHER
0214714	1, 13, 2001	MONOAMINE WITH 36-
		44 ETHYLENE OXIDE
		UNITS AND 1-6
6239090	5/29/2001	POLYVINYL
0207070		PYRROLIDONE AS A
		THICKENER IN PAINT
		STRIPPING
6258866	7/10/2001	BLOWING AGENT
		COMPATIBILIZATION
ı V		
, =		

\$

6262297	7/17/2001	PREPARATION OF
		HYDROXYALKYLCARB
		AMATES FROM 6-
		MEMBERED CYCLIC
629407.1	9/25/2001	METHODS FOR
		FORMING COPPER
		SOLUTIONS
6300505	10/9/2001	METHOD AND
		APPARATUS FOR
		IMPROVING THE
		UNIFORMITY
6306964	10/23/2001	POLYETHER AMINE
		MODIFICATION OF
		POLYPROPYLENE
6310174	10/30/2001	PRIMARY
		ALKANOLAMIDES
6315908	11/13/2001	METHOD FOR
•		TREATMENT OF WASTE
		WATER
6315964	11/13/2001	PROCESS AND SYSTEM
, •		FOR ALKYLATION OF
		AROMATIC
		COMPOUNDS
6340559	1/22/2002	SEMICONDUCTOR
•		DEVELOPING AGENT
6369009	4/9 /2002	PAINT AND COATING
,		REMOVER
6376588	4/23/2002	WATER SOLUBLE
		MOLD RELEASE
		COMPOSITION FOR
		ELASTOMERIC
6384240	5/7/2002	PROCESS TO PRODUCE
	5, 2 002	PHOTOCHROMIC
		GRADE ALKYLENE
		CARBONATES
6387187	5/14/2002	DECONTAMINATION OF
050/10/	3/1 // 2002	ISOCYANATE FOULED
		MATERIALS
6387223	. 5/14/2002	ALKYLENE
0507225	, 3/1 W2002	CARBONATE PROCESS
6395103	5/28/2002	DEGREASING
05/0105	•	COMPOSITIONS
6399736	6/4/2002	METHOD OF
00///00	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	PREPARING SPRAY
		ELASTOMER SYSTEMS
<i>U</i> .		

 $\nu_{\omega_{\mathcal{L}}}$

6417135	7/9/2002	ADVANCES IN
		DEHYDROGENATION
		CATALYSIS
6420311	7/16/2002	POLYETHER DIAMINE
		BASED SURFACTANT
		ADJUVANTS
6420327	7/16/2002	CARBONATE BASED
		VARNISH REMOVER
6420482	7/16/2002	DYEABLE POLYOLEFIN
		CONTAINING
		POLYETHERAMINE
		MODIFIED
6436883	8/20/2002	HYDRAULIC AND GEAR
		LUBRICANTS



RECORDED: 10/15/2002