

MRP  
11-21-05

06-05-2008

FORM PTO-1595  
(Rev. 8-93)  
OMB No. 0661-0011 (exp. 4/04)



U.S. DEPARTMENT OF COMM.  
Patent and Trademark

Tab settings

103506927

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

1. Name of conveying party(ies):

Huntsman International LLC

2. Name and address of receiving party(ies)

Name: Deutsche Bank AG New York Branch, as agent

Internal Address:

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

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other

Street Address: 31 W. 52nd St.

City: New York State: NY ZIP: 10022

Execution Date: August 16, 2005

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: Patents only

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Laura Konrath

Internal Address: Winston & Strawn LLP

33rd Floor

Street Address: 35 W. Wacker Dr.

City: Chicago State: IL ZIP: 60601

6. Total number of applications and patents involved: 192

7. Total fee (37 CFR 3.41).....\$ 7,680

Enclosed

Authorized to be charged to deposit account

Charge fee

8. Deposit account number:

232428

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

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

Laura Konrath

Name of Person Signing

Signature

Date

11/21/05

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

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

Patents

Continuistic

Item 4

Patents Owned by  
Company: Huntsman International LLC  
Date of Report: 06/07/2005

Docket No.	Ctry	Types	Status	App Date	App No	Grant Dt	Pat No.	Ext	Tax Dt	Exp Dt
80313-C1C1	USA	P 01	G	16DE1987	131664	02JUL1990	4691437	02JUL2001		16DFE2007
Title: OXIDATION OF OLIFINS IN A POLAR MEDIUM Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC										
80421-D1C1	USA	C 01	G	12NY1989	351513	21AP1992	5107067	21OCT2003		21AP2009
Title: REACTION OF PROPYLENE AND TERTIARY BUTYL ALCOHOL IN THE Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC										
80472	USA	G	U	14AP1986	851842	018E1987	4691034	01MAY1999		14AP2006
Title: Purification of propylene oxide by treatment with calcium Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC										
80493	USA	G	G	06OC1986	916075	02FE1988	4722919	02AUG1999		06OC2006
Title: SYNTHESIS OF VANADIUM/PROPYLENE GLYCOL COMPLEXES Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC										
80521	USA	G	G	14AP1986	851846	018E1987	4691035	01MAY1999		14AP2006
Title: Purification of propylene oxide by treatment with a selected Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC										
80557	USA	G	G	30DE1986	947672	19JUL1988	4758692	19JAN2000		30DE2006
Title: MOLYBDENUM-ETHYLENE GLYCOL COMPLEXES PREPARED BY HEATING Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC										
80577	USA	G	G	27JUL1986	879660	03NO1987	4704482	03MAY1999		27JUL2006
Title: PURIFICATION OF TERT-BUTYL ALCOHOL BY PASSING OVER SOLID Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC										

60383  
Huntsman International LLC

Docket No.	Ctry	Types	Status	App Date	App No	Grant Dt	Pat NO.	Ext Tax Dc	Exp Dt
81112	USA	G	03OC1991	770493	19AU1992	5139622	18FE2004	03OC2011	
Title: PROPYLENE OXIDE PURIFIED BY EXTRACTIVE DISTILLATION WITH									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81117	USA	G	01MO1991	786692	13OC1992	5154804	13AP2004	01MO2011	
Title: Removal of water, acetone and methanol from propylene oxide									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81136	USA	G	19AP1993	047910	16NO1993	5262017	16MY2005	19AP2013	
Title: PROPYLENE OXIDE PURIFIED BY FOUR-STAGE DISTILLATION PROCESS.									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81148-C1	USA	F	07JA1995	372725	19AU1997	5659091	19FE2009	19AU2014	
Title: REMOVAL OF METHANOL FROM METHYL TERT.-BUTYL ETHER USING									
Client/Division: MTEB									
Owner of Record: Huntsman ICI Chemicals LLC									
81153	USA	G	06JU1993	85805	20SE1994	5349072	20ME2006	06JU2013	
Title: Staged epoxidation of propylene with recycle									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81154	USA	G	08NO1993	148226	25AP1995	5410077	25OC2006	08NO2013	
Title: CONTROLLED OXIDATION OF PROPYLENE									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81173	USA	G	26OC1993	140995	11OC1994	5354430	11AP2006	26OC2013	
Title: PROPYLENE OXIDE/METHYL TERT.-BUTYL ETHER PROCESS; PROPYLENE									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81182	USA	G	23SE1993	125276	11OC1994	5354431	11AP2006	23SE2013	
Title: Plural stage drying and purification of propylene oxide									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									

60583  
Huntsman International LLC

Docket No.	Ctry	Status	App Date	App No	Grant Dt	Pat No.	Int Tax Dt	Exp Dt
81255	USA	G	26AUI994	296633	25JUL1995	5636375	25JUL2007	16AUG2014
Title: PEROXIDATION OF ISOBUTANE WITH OXYGEN IN A VERTICAL REACTOR. Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC								
81307	USA	G	31MY1994	251158	07NOV1995	5464505	07NOV2007	26SEP2012
Title: USE OF PROPYLENE OXIDE ADDUCTS IN THE PURIFICATION OF Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC								
81309	USA	G	31MY1994	251151	26SEP1995	5453160	26SEP2007	31MAY2014
Title: EXTRACTIVE DISTILLATION OF PROPYLENE OXIDE Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC								
81424	USA	G	16JUL1997	895286	25AUG1998	5798412	25SEP2006	16JUL2017
Title: ALKYLENE GLYCOL PRODUCTION USING ACTIVATED CARBON CATALYSTS Client/Division: Glycols Owner of Record: Huntsman ICI Chemicals LLC								
81448	USA	G	27AUG1997	917885	28SEP1999	5958192	28NOV2007	27AUG2017
Title: PURIFICATION OF PROPYLENE OXIDE USING ETHYLENE GLYCOL Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC								
81449	USA	P	10NOV1997	966879	17AUG1999	5939592	17FEB2007	07OCT2016
Title: METHODS FOR DECOMPOSING ESTERS AND PURIFYING ALCOHOLS Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC								
81455	USA	G	20NOV1997	975523	14MAY2000	6037516	14SEP2007	20NOV2017
Title: METHOD FOR REMOVAL OF OXYGENATE IMPURITIES FROM ORGANIC Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC								
81459	USA	G	16MAY1998	040817	08FEB2000	6023001	08AUG2007	16MAY2018
Title: IMPROVED PERCOLATION OPERATION BY PRESSURE CONTROL Client/Division: Propylene Oxide Owner of Record: Huntsman ICI Chemicals LLC								

60383  
Huntsman International LLC

Handwritten mark resembling a stylized 'H' or 'W'.

Docket No.	Clty	Types	Status	App Date	App No	Grant DC	Pat No.	Next Tax Dt	Exp Dt
81472	USA	P	G	18FEB1999	253687	17OC2000	6113484	17AP2008	10NO2017
TITLES: METHODS FOR DECOMPOSING ESTERS AND PURIFYING ALCOHOLS									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
MDN270	USA	G	G	11JUL1998	634890	30MR1993	5198353	30MR2004	30MR2010
Title: Method for Preparing Stabilised Enzyme Dispersion									
Client/Division: Household, I&I									
Co-Owners of Record: Huntsman International LLC / Novorynas									
81256-1	USA	G	G	18MAY1995	444947	17AP2001	6218582	17OC2008	17AP2018
Title: METHOD FOR REDUCED FORMATION OF T-BUTANOL IN A FINISHING									
Client/Division: MVB									
Owner of Record: Huntsman International LLC									
81528	USA	G	G	19OC2000	692021	02FEB2003	6518474	02AUG2006	19OC2020
Title: PROCESS FOR PRODUCING ISOBUTYLENE FROM TERTIARY BUTYL									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman International LLC									
81619	USA	F	G	23AP2001	10/421367	13MR2001	6200586	13SEP2008	09MR2010
Title: Purification of Solvents used for the Purification of									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman International LLC									
HD1001	USA	X	G	02MAY1997	850648	15MR1998	5807810	15MR2006	15MR2015
Title: Agrochemical or biocidal suspensions									
Client/Division: Agricultural Chemicals									
Owner of Record: Huntsman International LLC									
HD1011	USA	C	G	01JUL1995	456414	20AUG1996	5547218	20FEB2008	20AUG2013
Title: Functional Fluids and Liquid Cleaning Compositions and									
Client/Division: Resources, Fuel & Tube									
Owner of Record: Huntsman International LLC									
HD1020	USA	C	G	01JUL1995	457170				
Title: Biocidal and agrochemical suspensions comprising a									
Client/Division: Agricultural Chemicals									
Owner of Record: Huntsman International LLC									

60383  
Huntsman International LLC

Docket No.	Ctry	Type	Status	App Date	App No	Grant Dt	Pat No.	Ext Tax Dt	Exp Dt
HD1013	USA		G	08MAR1995	400548	19JUN1995	5476519	19JUN2007	08MAR2015
Title: Dye suspensions									
Client/Division: Household, I&I									
Owner of Record: Huntsman International LLC									
HD1047	USA		C	16NOV1994	340801	04JUN1996	5523478	04DEC2007	04JUN2013
Title: Carbohydrate derived surfactants and their precursors									
Client/Division: Personal Care									
Owner of Record: Huntsman International LLC									
HL1100	USA		G	18JUN1998	156152	27FEB2001	6194354	27AUG2008	18JUN2018
Title: Drilling fluid concentrates									
Client/Division: Resources, Fuel & Lube									
Owner of Record: Huntsman International LLC									
MPD235	USA		G	02NOV1988	267622	13AUG1991	5039451	13FEB2003	02NOV2008
Title: Manufacturing Concentrated Surfactant Compositions									
Client/Division: Household, I&I									
Owner of Record: Huntsman International LLC									
MPD284	USA		G	03FEB1992	829982	29JUN1993	5223644	29DEC2004	03FEB2012
Title: Nitrosamine Inhibition									
Client/Division: Household, I&I									
Owner of Record: Huntsman International LLC									
MPD289	USA		G	01FEB1993	011976	15AUG1995	5442113	15FEB2007	01FEB2013
Title: Nitrosamine and nitrite inhibition									
Client/Division: Household, I&I									
Owner of Record: Huntsman International LLC									
MPD289-D1	USA		D	20JAN1995	376040	12MAR1996	5498791	12JUN2007	12MAR2013
Title: Nitrosamine and nitrite inhibition									
Client/Division: Household, I&I									
Owner of Record: Huntsman International LLC									
MPD309	USA		P	04OCT2000	10/088980				
Title: STRUCTURED SURFACTANT SYSTEMS									
Client/Division: Personal Care									
Owner of Record: Huntsman International LLC									

60383  
Huntsman International LLC

4

Docket No.	Chy	Types	Status	App Date	App No	Grant Dt	Pat No.	Nxt Tax Dt	Exp Dt
MPD314	USA	P	G	23JUL2000	10/018818	03AUG2004	6770612	03FEB2008	23JUL2020
Title:STRUCTURED SURFACTANT SYSTEMS Client/Division: Household, I&I Owner of Record: Huntsman International LLC									
MPD319	USA	P	G	28JUL2000	10/018556	11MAY2003	6645912	11MAY2007	28JUL2020
Title:HERBICIDAL COMPOSITIONS Client/Division: Agricultural Chemicals Owner of Record: Huntsman International LLC									
MPD324	USA	F	F	10JUL2002	10/460228				
Title:Hair Colourants Client/Division: Personal Care Owner of Record: Huntsman International LLC									
MPD326	USA	F	F	13JUL2002	10/483926				
Title:Phosphats Suspensions Client/Division: Household, I&I Owner of Record: Huntsman International LLC									
MPD329	USA	F	F	25SE2002	10/492389				
Title:Manufacture of Alkyl Benzene Sulphonic Acids Client/Division: Household, I&I Owner of Record: Huntsman International LLC									
MPD331	USA	F	F	29JAN2003	10/504005				
Title:Anti-Microbial Fabric Treatment Client/Division: Household, I&I Owner of Record: Huntsman International LLC									
MPD243/DIV	USA	D	G	17AP1987	39671	03OCT1989	4871467	03AP2001	03OCT2006
Title:Liquid detergent compositions Client/Division: Household, I&I Owner of Record: Huntsman International LLC									
MPD276	USA	G	G	06JUN1995	471322	12OCT1999	5964692	12AP2007	12OCT2016
Title:Functional Fluids and liquid cleaning compositions and Client/Division: Household, I&I Owner of Record: Huntsman International LLC									

60583  
Huntsman International LLC

Docket No.	Ctry	Types	Status	App Date	App No	Grant Dt	Pat No.	Mkt Tax Dt	Exp Dt
MP1281-285	USA	C	G	30MY1997	08/866399	14SE1999	5952285	14MR2007	10AP2011
Title: Concentrated Aqueous Surfactant Compositions									
Client/Division: Household, I&I									
Owner of Record: Huntsman International LLC									
MP1298	USA	X	G	17JL1996	684269	23JAZ2001	6177396	23JL2008	23AUG2015
Title: Aqueous based surfactant compositions									
Client/Division: Household, I&I									
Owner of Record: Huntsman International LLC									
MP1298-D1	USA	D	G	10MR1998	038170	18JL2000	6090762	18JAZ2008	06MY2014
Title: Aqueous based surfactant compositions									
Client/Division: Household, I&I									
Owner of Record: Huntsman International LLC									
MP1313	USA	G	G	30AD2001	848881	31DE2002	6500784	30JF2006	30AUG2011
Title: HERBICIDAL COMPOSITIONS AND SURFACTANT CONCENTRATES									
Client/Division: Agricultural Chemicals									
Owner of Record: Huntsman International LLC									
MP1313-D1	USA	D	G	27BE2002	10/256644	25NO3003	6653257	25MY2007	30AUG2011
Title: HERBICIDAL COMPOSITIONS AND SURFACTANT CONCENTRATES									
Client/Division: Agricultural Chemicals									
Owner of Record: Huntsman International LLC									
MP1318-C1	USA	FP	F	14JL2000	10/878864				
Title: STRUCTURED SURFACTANT SYSTEMS									
Client/Division: Personal Care									
Owner of Record: Huntsman International LLC									

60583  
Huntsman International LLC

61



GRANTED # 4910231  
GRANTED # 5043360  
GRANTED # 4916168  
GRANTED # 5070114  
GRANTED # 5130366  
GRANTED # 5430072

APP # 247467  
APP # 458737  
APP # 247453  
APP # 508726  
APP # 594245  
APP # 87358708

Patents - Polyurethanes Business

US	34469	0	247467	9/21/1988	4910231	3/20/1990	Live - Granted/Registered
US	34469	2	458737	12/26/1989	5043360	8/27/1991	Live - Granted/Registered
US	34470	0	247453	9/21/1988	4916168	10/4/1990	Live - Granted/Registered
US	35229	0	508726	4/18/1990	5070114	3/12/1991	Live - Granted/Registered
US	35551	0	594245	9/10/1990	5130366	7/14/1992	Live - Granted/Registered
US	35590	2	87358708	8/7/1993	5430072	4/7/1995	Live - Granted/Registered

60383  
Harsco International LLC

US	35590	3	PROCES FOR PREPARING FULL- PREPOLYMER FLEXIBLE FOAM USING TWO ISOCYANATE STREAMS.	415456/08	3/4/1995	5624972	4/29/1997	Live - Granted/Registered
US	35813	0	AN ISOCYANATE-REACTIVE POLYMER, ESPECIALLY A FLEXIBLE FOAM POLYOL, CONTAINING DISPERSED SOLID FIRE RETARDANT, ESPECIALLY MELAMINE, AND A+	717746	6/19/1991	5124367	6/23/1992	Live - Granted/Registered
US	35950	0	K + SR,BO OR ZN 2- ETHYLHEXANOATE AS CATALYST FOR ISOCYANURATE FORMATION IN SRIM. RELATED TO E.3711.	756647/07	9/8/1991	5278120	11/1/1994	Live - Granted/Registered
US	35979	0	CONTINUOUS PROCESS FOR PREPARING FULL- PREPOLYMER FLEXIBLE FOAM.	774768/07	10/10/1991	5278274	11/1/1994	Live - Granted/Registered
US	35981	0	POLYISOCYANATE COMPOSITIONS, ESPECIALLY MDI PREPOLYMERS, ARE REACTED WITH A ISOCYANATE REACTIVE COMPONENT COMPRISING AT LEAST 40% OF WATER+	774442/07	10/10/1991	5314928	5/24/1994	Live - Granted/Registered
US	36370	0	EMULSIFIABLE POLYISOCYANATE FROM URETONIMINE -MODIFIED POLYISOCYANATE	960738/07	5/28/1992	5364897	11/15/1994	Live - Granted/Registered
US	36496	0	TWO COMPONENT ADHESIVE/SEALANT REACTION SYSTEM COMPRISING AN AROMATIC POLYISOCYANATE AND AN IMINO- OR ENAMINO- FUNCTIONAL COMPONENT.	925347	4/8/1992	6981683	9/11/1999	Live - Granted/Registered
US	36496	2	TWO COMPONENT ADHESIVE/SEALANT REACTION SYSTEM COMPRISING AN AROMATIC POLYISOCYANATE AND AN IMINO- OR ENAMINO- FUNCTIONAL COMPONENT.	180939/06	12/1/1994	5584958	12/17/1996	Live - Granted/Registered

60583  
Huntsman International LLC

US	36693	4	PRODUCTION OF FLEXIBLE URETHANE FOAMS BY REACTING 4,4'-MDI OR VARIANT THEREOF WITH POLYETHER POLYOL COMPOSITION HAVING AVERAGE OXYETHYLENE+	678391/08	2/7/1996			6245825	12/9/2001	Live - Granted/Registered
US	36693	5	PRODUCTION OF FLEXIBLE URETHANE FOAMS BY REACTING 4,4'-MDI OR VARIANT THEREOF WITH POLYETHER POLYOL COMPOSITION HAVING AVERAGE OXYETHYLENE+	786084/08	1/2/1987			6376698	4/23/2002	Live - Granted/Registered
US	36937	0	THE USE OF 1,2-DIMETHYL-IMIDAZOLE AS CATALYST IN THE FULL PREPOLYMER, FULLY WATER BLOWN FLEX FOAM PROCESS. MICROCELLULAR ELASTOMERS ARE PREPARED USING A PREPOLYMER BASED ON A POLYETHER POLYOL (20-35%W EO OF WHICH AT LEAST 75% TBP), WATER AS+	45923/08	12/4/1993			5266604	11/30/1993	Live - Granted/Registered
US	37109	2	PROCESS FOR MAKING FLEX FOAM FROM 21-49% EO POLYOL AT INDEX OF MORE THAN 70 AND WITH 4.5-15 PBW OF WATER	526123/08	8/9/1995			5840782	11/24/1998	Live - Granted/Registered
US	37414	2	PROCESS FOR MAKING FLEX FOAM FROM 21-49% EO POLYOL AT INDEX OF MORE THAN 70 AND WITH 4.5-15 PBW OF WATER	190518/08	1/2/1994			5565498	10/15/1996	Live - Granted/Registered
US	37414	3	MIX OF PREPOLYMER FROM HIGH 2,4' MDI AND HIGH EO POLYOL + POLYMERIC MDI.	472204/08	7/6/1996			5594097	1/14/1997	Live - Granted/Registered
US	37456	2	FLEXIBLE FOAM FROM 4,4'-MDI, 25-50% W EO POLYOL AND WATER.	214876/08	3/18/1994			5821018	4/15/1997	Live - Granted/Registered
US	37526	2		223829/08	8/4/1994			5459170	10/17/1995	Live - Granted/Registered

*Handwritten mark*

60383  
Hussman International LLC

US	37542	0	212634/08	11/3/1994	5444101	8/22/1985	Live - Granted/Registered
US	37542	2	475285/08	7/8/1985	5518065	5/21/1986	Live - Granted/Registered
US	37616	2	241545/08	12/5/1994	5447965	5/9/1995	Live - Granted/Registered
US	37621	0	245937/08	5/19/1994	5488620	8/2/1996	Live - Granted/Registered
US	37783	2	319187/08	6/10/1994	6368714	9/4/2002	Live - Granted/Registered
US	37837	2	604146/08	2/20/1986	5710231	1/20/1998	Live - Granted/Registered
US	40082	0	437729/08	9/5/1995	5504124	2/4/1986	Live - Granted/Registered
US	40124	0	464493/08	5/6/1985	5521225	5/28/1986	Live - Granted/Registered
US	40124	2	591047/08	1/25/1986	5594038	1/14/1987	Live - Granted/Registered
US	40124	3	591073/08	1/25/1986	5594040	1/14/1987	Live - Granted/Registered

60383  
Humboldt International LLC

27

US	40212	9	9	SELF-RELEASE BINDER SYSTEM.	278781/08	7/22/1994		5654438	10/9/1996	Live - Granted/Registered
US	50014	2	2	PROCESS FOR MAKING HYDROPHILIC FLEXIBLE FOAM	560858/08	11/20/1995		5591779	7/1/1997	Live - Granted/Registered
US	50014	3	3	PROCESS FOR MAKING HYDROPHILIC FLEXIBLE FOAM	696411/08	8/13/1996		5849850	12/15/1998	Live - Granted/Registered
US	50014	4	4	PROCESS FOR MAKING HYDROPHILIC FLEXIBLE FOAM	211589/09	12/14/1998		6271277	7/8/2001	Live - Granted/Registered
US	50034	0	0	Clear, stable liquid prepolymer comp., NCO=11-22, having low viscosity from 1) excess MDI + pMDI reacted with polyol (NCO=9-20) and 2) pMDI flex foam from full prepolymer, X-8000 and isocyanate-reactive composition containing relatively high amount of polyol	484165/08	5/8/1995		5491177	2/13/1996	Live - Granted/Registered
US	50099	0	0	Flexible foam without major glass-rubber transition below 25A °C	467093/08	5/6/1996		5491176	2/13/1996	Live - Granted/Registered
US	50098	2	2	Flexible foam without major glass-rubber transition below 25A °C	641122/08	4/30/1996		5900442	4/5/1998	Live - Granted/Registered
US	50098	3	3	Flexible foam without major glass-rubber transition below 25A °C	187978/09	11/23/1998		6335378	1/1/2002	Live - Granted/Registered
US	50098	4	4	Flexible foam without major glass-rubber transition below 25A °C	098894/51	11/28/2001		8433034	9/13/2002	Live - Granted/Registered
US	50108	0	0	Internal Mold Release Compositions	520279/08	8/25/1995		5576409	11/19/1996	Live - Granted/Registered
US	50108	2	2	Internal Mold Release Compositions	705898/08	8/28/1996		5670553	9/23/1997	Live - Granted/Registered
US	50108	3	3	Internal Mold Release Compositions	859358/08	5/20/1997		5893528	11/30/1999	Live - Granted/Registered
US	50116	0	0	Prepolymer/water mix for oil spill recovery.	673607/08	8/25/1996		5730880	3/24/1998	Live - Granted/Registered
US	50172	0	0	Semi prepolymer with PMDI reacted in prepolymer + addition of high amount of PMDI or PMDI/TDI.	741413/08	10/29/1998		5900441	4/5/1999	Live - Granted/Registered
US	50180	2	2	PU elastomers made by reacting pure 4,4'-MDI and high EO poly(o) in the presence of a chain extender and opt. water and crosslinker.	10/06/198	4/2/2002	2002-0103325			Live - Pending

80

60383 Fluorimex International LLC

US	50180	3	PU elastomers made by reacting pure 4,4'-MDI and high EO polyols in the presence of a chain extender and opt. water and crosslinker.	AWAITED	4/2/2002													Live - Pending
US	50257	0	TDA-based polyol for n/P-pentane blown rigid polyurethane foams	87237/08	10/08/1997									6339110	1/15/2002			Live - Granted/Registered
US	50259	0	High hardblock PU elastomers made by reacting pure 4,4'-MDI and a high EO polyol in the presence of a chain extender, water and opt. La Xlinker	872037/08	10/08/1997									5968993	10/19/1999			Live - Granted/Registered
US	50335	0	Amine-free flexible foam having no major glass transition below 25 C	963744/08	4/11/1997									6147134	11/14/2000			Live - Granted/Registered
US	50335	2	Amine-free flexible foam having no major glass transition below 25 C	663385/09	9/15/2000									6348204	12/2/2002			Live - Granted/Registered
US	50336	0	Acid catalyst for flexible foam having no major glass transition below 25 C	963753/08	4/11/1997									8100311	8/6/2000			Live - Granted/Registered
US	50336	2	Acid catalyst for flexible foam having no major glass transition below 25 C	513823/08	2/25/2000									8211258	3/4/2001			Live - Granted/Registered
US	50341	0	Use of lactic acid or glycolic acid to stabilise polyester blends.	953363/08	10/17/1997									6403665	11/6/2002			Live - Granted/Registered
US	50341	2	Use of lactic acid or glycolic acid to stabilise polyester blends.	10/090783	6/3/2002					2002-012358 B				8628549	4/3/2003			Live - Granted/Registered
US	50342	0	Use of certain catalysts (DMDEE, NMI, DMAP) in polyester foams.	953260/08	10/17/1997									8207725	3/27/2001			Live - Granted/Registered
US	50342	2	Use of certain catalysts (DMDEE, NMI, DMAP) in polyester foams.	09/7618/98	10/17/1997					8986				6346205	12/2/2002			Live - Granted/Registered
US	50382	2	isocyanate compositions for low density polyurethane foam	021502/09	10/21/1998									8133481	10/17/2000			Live - Granted/Registered
US	50406	0	Process for preparing flexible polyurethane foam	040073/09	3/17/1996									6037382	3/14/2000			Live - Granted/Registered
US	50417	2	isocyanate compositions for hydrocarbon blown polyurethane foam.	066389/09	11/6/1998									6248802	6/19/2001			Live - Granted/Registered
US	50417	3	isocyanate compositions for hydrocarbon blown polyurethane foam.	09/0647/80	5/24/2001					22674				6455601	9/24/2002			Live - Granted/Registered

60583  
Harsco International LLC

27

US	50417	4	isocyanate compositions for hydrocarbon blown polyurethane foam.	10/20/2004	7/24/2002	78310	4/24/2003	6590005	8/7/2003	Live - Granted/Registered
US	50456	0	LOW DENSITY FLEXIBLE POLYURETHANE FOAMS	9/08/10/08	11/8/1997	2002-001337		567727	2/3/1999	Live - Granted/Registered
US	50457	2	Flame resistant rigid polyurethane foams blown with hydrofluorocarbons	122/132/09	7/24/1998	9	1/31/2002	6372911	4/16/2002	Live - Granted/Registered
US	50464	0	Single step process for preparing amine directly from benzene	13797409	8/21/1998			6204411	3/20/2001	Live - Granted/Registered
US	50477	0	Use of mixtures of HFC 245 fa and isopentane as blowing agent for rigid polyurethane foam	159480/09	9/23/1998			6121338	9/19/2000	Live - Granted/Registered
US	50477	2	Use of mixtures of HFC 245 fa and isopentane as blowing agent for rigid polyurethane foam	09/500469	9/2/2000			6336378	1/1/2002	Live - Granted/Registered
US	50547	0	Optionally(dynamically)/vulcanized blends of 2 TPU (Tg >= 60A°C) and rubber like materials (Tg	245749/09	9/2/1999			6291587	9/18/2001	Live - Granted/Registered
US	50570	3	Method for Reducing the Sensitivity of Polyurethane Foam Prepolymer to Humidity	10/643874	8/20/2003					Live - Pending
US	50573	0	Preparation of rigid PU foams using a polyisocyanate composition of NCO-value=25-30% comprising a prepolymer based on a high MW	280479/09	3/30/1998			6433032	9/13/2002	Live - Granted/Registered
US	50592	2	Acrylic wrapping of lignocellulosic composite and whole wood siding	60/142578	7/7/1999					Live - Pending
US	50593	2	Hydrocarbon blown rigid polyurethane foams having improved flammability performance	311351/09	5/13/1999			6319862	11/20/2001	Live - Granted/Registered
USW	50608	0	emulsifiable isocyanates with extended potlife	09/766957	7/23/1999	42492	3/2/2000	6407198	9/18/2002	Live - Granted/Registered
USW	50609	0	isocyanate binders for fiberboard manufacture	09/766825	7/23/1999	00/0635		6692870	2/17/2004	Live - Granted/Registered
US	50650	2	APPARATUS AND PROCESS FOR BOTTOM COATING BY EXTRUSION	416090/09	12/10/1999			6374768	4/23/2002	Live - Granted/Registered

60383  
Husman International LLC

136

USW	50651	0	polyisocyanurate compositions and composites	09/858377	12/11/1999	2002-0045680	5/25/2000	6793855	9/21/2004	Live - Granted/Registered
USW	50651	2	polyisocyanurate compositions and composites	10/714986	11/17/2003	94859				Live - Pending
USW	50655	0	POLYURETHANE ELASTOMERS HAVING IMPROVED HYDROLYSIS RESISTANCE	09/938215	2/22/2000	2002-0040071	8/31/2000	8488224	7/11/2002	Live - Granted/Registered
USW	50656	2	internal mold release compositions	10/789234	3/3/2000	2004-0171784	9/21/2000			Live - Pending
US	50661	0	Process for preparing a flexible polyurethane foam	39930109	6/8/1999			8417241	9/7/2002	Live - Granted/Registered
USW	50725	0	USE OF THERMALLY EXPANDABLE MICROSPHERES IN THE PREPARATION OF LOW DENSITY FOAMED TPU	09/890067	5/1/2000	00/44821	3/8/2000			Live - Pending
USW	50755	0	Moulded flex foam from Suprasec 1002 not using external mould release after 1st moulding	09/914537	2/24/2000	00/55232	9/21/2000			Live - Pending
USW	50795	0	Process for high solids PIPA polyol	09/979038	5/5/2000	00/73364		8861783	4/19/2005	Live - Granted/Registered
USW	50797	0	Use of EO-enriched polyol (20-50% EO) as additive in making low density flexible foam	09/979649	5/5/2000	00/73362		8590008	8/7/2003	Live - Granted/Registered
USW	50798	0	Amine-initiated polyol for visco-elastic foam	10/030385	3/7/2000	01/07621	1/2/2001	8508813	1/14/2003	Live - Granted/Registered
USW	50799	0	Titanium complex for fast cure in woodbinding	10/030384	8/29/2000	01/07488	1/2/2001	8750310	6/15/2004	Live - Granted/Registered
USW	50802	0	Phoenix-Graphite	10/116879	4/8/2000	130365		8765035	7/20/2004	Live - Granted/Registered
USW	50808	0	Flexbam from prepolymer and intermediate EO polyol	10/122454	5/10/2000	87877		6593387	7/15/2003	Live - Granted/Registered
USW	50808	2	Flexbam from prepolymer and intermediate EO polyol	10/458901	1/16/2003	212155		8784217	8/31/2004	Live - Granted/Registered
USW	50809	0	Visco-elastic foam from 4 polyols	10/122435	5/10/2000	105177		6617369	9/9/2003	Live - Granted/Registered

60383  
Huantana International LLC



USW	50812	0	polyisocyanates by oxidative carbonylation of polyamines using a specific catalyst system	10/180442	12/14/2000	135006	5/7/2001			Live - Pending
USW	50813	0	The manufacture of moulded polyurethane products using gas assisted moulding	10/178547	12/22/2000	15815	5/7/2001	8821476	11/23/2004	Live - Granted/Registered
USW	50814	0	Stibstock foam from high 2,4-MDI	10/181371	5/12/2000	87878	7/26/2001	6774153	10/9/2004	Live - Granted/Registered
US	50815	2	D-limonene addition into emulsifiable isocyanate to make a bubble-free primer over wet, porous concrete surfaces	09/765771	1/19/2001	10250	1/24/2002	6531536	11/3/2003	Live - Granted/Registered
USW	50816	0	Use of fatty acid and polyolefin wax combination as a release agent for binding lignocellulosic materials with polyisocyanate	10/215427	11/2/2000	15122	8/16/2001			Live - Pending
USW	50817	0	High EO, high primary OH polyol in moulded flexible foam.	10/202580	1/19/2001	87979	8/23/2001			Live - Pending
USW	50819	0	preparation of polymeric MDI by decomposition of the corresponding polyisocyanate with continuous removal of MDI during reaction	10/202584	12/2/2001	55282 2003- 016293	7/9/2001			Live - Pending
USW	50834	0	EO-platform - Elastomers	10/336519	6/21/2001	1	1/24/2002	6884824	4/26/2005	Live - Granted/Registered
US	50840	2	Process for flexible polyurethane foam manufacture via separate and variable component mixing of at least 3 separate major component...	09/920418	1/8/2001	40072	4/4/2002	6727282	3/27/2004	Live - Granted/Registered
USW	50841	0	Glass-like material / EO-platform.	10/354785	6/25/2001	190470	7/2/2002	6906342	10/19/2004	Live - Granted/Registered
USW	50843	0	Brine extraction on polyols	10/336519	6/28/2001	88278	7/2/2002	6762279	7/13/2004	Live - Granted/Registered
USW	50844	0	Dual Landscape	10/336515	5/7/2001	158280	7/2/2002	6884825	4/26/2005	Live - Granted/Registered
USW	50845	0	A process for forming fiber reinforced composite bodies by a pultrusion process	10/368991	8/17/2001	176561	2/28/2002			Live - Pending

11/6/08

60583 Hudson International LLC

USw	50854	0	EO-PLATFORM; PREPOLYMER FROM EO POLYOL + PO POLYOL	10/645727	1/14/2002	US-2004-0044093	6/9/2002		Pending - Allowed/Accepted
USw	50856	0	Thermoreversible thermoplastic polyurethane	10/444612	3/12/2001	2004-008755	6/13/2002		Live - Pending
USw	50863	0	RIM parts with reduced occurrence of post blow and reduced molding time utilizing B-component including at least 1 of fatty polyester, ...	10/458821	1/23/2002	2004-0034113	1/8/2002	6887911	Live - Granted/Registered
USw	50866	0	Low temperature carbon treatment of PO	10/639220	6/3/2002	2004-0082753		6906209	Live - Granted/Registered
USw	50871	0	Visco-elastic system using monool	10/694128	2/4/2002	US-2004-0087675			Pending - Allowed/Accepted
USw	50872	0	Soft elastomer from PMDI, diol and monool.	10/715789	4/18/2002	US20040138390A1	11/28/2002	6914117	Live - Granted/Registered
USw	50874	0	Release agent for PMDI bonded lignocellulosic composites comprised of an emulsifiable mixture of a fatty acid and a polysiloxane cont. ....	10/759482	7/17/2002	03/008164	1/30/2003		Live - Pending
US	50875	0	USE OF A BLEND OF TWO SPECIFIC POLYESTER POLYOLS, WHICH ARE LIQUID AT ROOM TEMPERATURE, TO PRODUCE POLYURETHANE ELASTOMER SHOE SOLES WITH	60/309576	2/8/2001				Live - Pending
USw	50877	0	Combination of K15 and lactic acid for PIR foam	10/772903	8/27/2002	03/020784	3/13/2003		Live - Pending
US	50880	0	VISCOELASTIC POLYURETHANES FORMED USING SPECIFIC BLEND OF POLYOLS AND A CATALYST CONTAINING A PLURALITY OF SILOXANE LINKAGES	60/334289	11/28/2001				Live - Pending
USw	50880	0	VISCOELASTIC POLYURETHANES FORMED USING SPECIFIC BLEND OF POLYOLS AND A CATALYST CONTAINING A PLURALITY OF SILOXANE LINKAGES	10/855102	11/29/2002	US-2004-0254256	5/6/2003		Live - Pending

60283  
Flouman International LLC

USw	50887	0	ADHESIVE INCLUDING: PREPOLYMER FORMED WITH ALIPHATIC TERTIARY AMINE-INITIATED POLYOL; INERT FATTY ESTER COMPOUND; AND DISPERSED INERT	10/912313	6/2/2003	2005-0010013-A1	8/14/2003		Live - Pending
USw	50889	0	DADPM with heterogeneous catalyst COMPOSITES FORMED BY FILAMENT WINDING USING REACTION MIXTURE SUBSTANTIALLY FREE OF STYRENE, METHYL METHACRYLATE, AND ORGANIC RESINS	10/947103	3/25/2003	US-2005-0101801			Live - Pending
USw	50890	0	PROCESS FOR IMPROVED COLD CURE BONDING OF LIGNOCELLULOSIC COMPOSITES USING A POLYISOCYANATE ADHESIVE AND A UREA ADHESION PROMOTING	10/947113	3/27/2003	US-2005-0038222	2/17/2005		Live - Pending
USw	50892	0	Foamed Supramolecular polymers	10/978233	2/5/2003	03/093385	11/13/2003		Live - Pending
USw	50893	0	Apparatus and process that provide for adequate dispersal of the reinforcing fiber bundles	10/987144	2/5/2003	03/098875			Live - Pending
US	50894	0	Apparatus and process that provide for adequate dispersal of the reinforcing fiber bundles	60/391716	6/26/2002				Live - Pending
US	50894	2	Moulded elastomer from high EO-polyol and high water	10/486063	8/18/2003	2004-0135280	7/15/2004		Live - Pending
USw	50895	0	COMPOSITES FORMED BY FILAMENT WINDING USING REACTION MIXTURE SUBSTANTIALLY FREE OF STYRENE, METHYL METHACRYLATE, AND ORGANIC RESINS	11/016070	12/6/2003	US-2006-0101882	8/1/2004		Live - Pending
US	50896	0		60/401563	6/8/2002				Live - Pending

181

60583  
Huntsman International LLC

US	50887	2	MIXING ACTIVATED ISOCYANATE-BASED RESIN SYSTEMS, SUCH AS POLYISOCYANURATE AND POLYURETHANE RESIN SYSTEMS, THAT MAY BE USED IN	10/626983	7/25/2003	US200401 06726A1	3/6/2004		Live - Pending
US	50887	3	MIXING ACTIVATED ISOCYANATE-BASED RESIN SYSTEMS, SUCH AS POLYISOCYANURATE AND POLYURETHANE RESIN SYSTEMS, THAT MAY BE USED IN	AWAITED					Live - Pending
USW	50901	0	Amine-initiated, high EO polyols	11/047087	2/7/2003	US-2005- 0131095	2/19/2004		Live - Pending
USW	50902	0	PROCESS FOR MAKING A FLEXIBLE POLYURETHANE FOAM ELASTOMERIC POLYURETHANE GELS WITHOUT HIGH LEVELS OF PLASTICIZERS THAT HAVE A LONG WORKING TIME AND FAST CURE	11/047088	2/7/2003	04/014976	2/19/2004		Live - Pending
US	50905	2	LINESTAR 4800 adhesive used with a ribbon coater for the manufacture of LVL	10/715847	11/18/2003	US-2004- 0147707	7/29/2004	6908979	Live - Granted/Registered
US	50906	2	UNREINFORCED REACTION INJECTION MOLDED POLYURETHANE STRUCTURAL FOAMS HAVING IMPROVED PROPERTIES AND PROCESSABILITY	10/724876	1/12/2003	170856	2/19/2004		Live - Pending
US	50907	2	MOISTURE CURE CATALYSTS, COLD CURING POLYISOCYANATE ADHESIVES PREPARED THEREFROM, AND ENGINEERED LUMBER COMPOSITES PRODUCED WITH SUCH	10/772516	5/2/2004	US-2004- 0192800	9/30/2004		Live - Pending
US	50916	0	Spiral mixer nozzle	10/626982	7/25/2003	US200500 20799	1/27/2006	6878795	Live - Granted/Registered
US	50926	0	THE USE OF (ESSENTIALLY LOW - NCO) ISOCYANATE PREPOLYMERS COMPRISING DISPERSED SOLID FIRE RETARDANT (ESSENTIALLY MELAMINE), FOR+	60/669545	8/4/2005				Live - Pending
US	35458 A	0		59426107	9/10/1990			5177118	Live - Granted/Registered

Item # 4

Last Page -

END

60583  
Hartman International LLC

8 8 8

**GRANT OF SECURITY INTEREST IN  
UNITED STATES TRADEMARKS AND PATENTS**

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, Huntsman International LLC, a Delaware limited liability company (the "Grantor") with principal offices at 500 Huntsman Way, Salt Lake City, UT 84108, hereby grants to Deutsche Bank AG New York Branch, 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 Collateral 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 Collateral Security Agreement between the Grantor, the other assignors party thereto and the Grantee, dated as of August 16, 2005 (as amended, restated, supplemented or otherwise modified from time to time, the "Collateral Security Agreement"). Upon the occurrence of the Termination Date (as defined in the Collateral 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 Collateral Security Agreement. The rights and remedies of the Grantee with respect to the security interest granted herein are more fully set forth in the Collateral 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 Collateral Security Agreement, the provisions of the Collateral Security Agreement shall govern.

[signature page follows]

CHI:1569337.1

IN WITNESS WHEREOF, the undersigned have executed this Grant of Security Interest as of the 16<sup>th</sup> day of August, 2005.

HUNTSMAN INTERNATIONAL LLC., as Grantor

By:   
Name: Sean Douglas  
Title: Vice President and Treasurer

DEUTSCHE BANK AG NEW YORK BRANCH, as Grantee

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

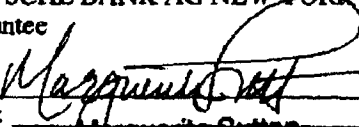
[Signature Page to Grant of Security Interest in U.S. Patents and Trademarks (Huntsman International LLC.)]

IN WITNESS WHEREOF, the undersigned have executed this Grant of Security Interest as of the 16<sup>th</sup> day of August, 2005.

HUNTSMAN INTERNATIONAL LLC., as Grantor

By: \_\_\_\_\_  
Name: Sean Douglas  
Title: Vice President and Treasurer

DEUTSCHE BANK AG NEW YORK BRANCH, as Grantee

By:  \_\_\_\_\_  
Name: Marguerite Sutton  
Title: Director

[Grant of Security Interest in U.S. patents and trademarks--Huntsman International LLC]

Schedule A

U.S. Trademark Registration

Registered Mark

Registration No.

Registration Date

CHI:1569337.1



\*\*\*\*\*  
 Trademarks For Owner: Huntsman International LLC  
 Date of Report: 08AUG2005  
 \*\*\*\*\*

Docket No.	Expires	Ctry	Type	Status	Cur App Dt	Cur App No	Cur Reg D	Cur Reg No	Renewal
TM0173	19AP2010	USA	Z	Registered	26JUL2002	78/147135	25MY2004	2646527	25MY2014
Attorney: CRAH Mark: MILLIFOAM fire-retardant partitions, blocks, casings, and panels. Class & Type: IM 001 Goods: Expanding agents for use in manufacturing									
TM0175	19AP2010	USA		Registered	27AUG1957	72/036307	19AP1960	696247	19AP2010
Attorney: FRIS Mark: EMPICOL wetting agents; stabilizers; emulsifiers; Catalysts and Class & Type: IM 001 Goods: Chemical compositions for use as foaming and									
TM0176	21AP2010	USA		Registered	15JUL1964	72/195686	21AP1970	889566	21AP2010
Attorney: Mark: EMPICEM derivatives, amphoteric tertiary and quaternary amine compounds, tertiary Class & Type: IM 001 Goods: Fatty and fat-containing nitrogen									
TM0177	23AUG2010	USA		Registered	27AUG1957	72/036305	23AUG1960	703083	23AUG2010
Attorney: Mark: EMPILAN Opacifiers; Stabilizers; Intermediates; Foaming agents, and Class & Type: IM 001 Goods: Chemical compositions for use as emulsifiers;									
TM0178	13AP2013	USA	Z	Registered	05OCT1990	74/103560	13AP1993	1765176	13AP2013
Attorney: FRIS Mark: LAUREX manufacture of detergents, pharmaceutical creams, hand creams, hand Class & Type: IM 001 Goods: Chemical surfactants for use in the									
TM0180	27AP2013	USA		Registered	05OCT1990	74/103559	27AP1993	1767833	27AP2013
Attorney: FRIS Mark: MANSA manufacture of detergents and scouring powder. Class & Type: IM 001 Goods: Chemical surfactants for use in the									

00583  
 Huntsman International LLC

\*\*\*\*\*

Patents Owned by  
Company: Huntsman International LLC  
Date of Report: 08AUG2005

\*\*\*\*\*

Docket No.	Ctry	Type	Status	App Date	App No	Grant Dt	Pat No.	Ext	Tax Dt	Exp Dt
80313-C1C1	USA	P 01	G	16DEC1987	133664	02JAN1990	4691437	02JUL2001	16DEC2007	
Title: OXIDATION OF OLEFINS IN A POLAR MEDIUM										
Client/Division: Propylene Oxide										
Owner of Record: Huntsman ICI Chemicals LLC										
80421-D1C1	USA	C 01	G	12MY1989	351512	21AP1992	5107067	21OCT2003	21AP2009	
Title: REACTION OF PROPYLENE AND TERTIARY BUTYL ALCOHOL IN THE										
Client/Division: Propylene Oxide										
Owner of Record: Huntsman ICI Chemicals LLC										
80472	USA	G	14AP1986	851842		018E1987	4691034	01MAY1999	14AP2006	
Title: Purification of propylene oxide by treatment with calcium										
Client/Division: Propylene Oxide										
Owner of Record: Huntsman ICI Chemicals LLC										
80493	USA	G	06OC1986	916075		02FEB1988	4722919	02AUG1999	06OC2006	
Title: SYNTHESIS OF VANADIUM/PROPYLENE GLYCOL COMPLEXES										
Client/Division: Propylene Oxide										
Owner of Record: Huntsman ICI Chemicals LLC										
80521	USA	G	14AP1986	832846		018E1987	4691035	01MAY1999	14AP2006	
Title: Purification of propylene oxide by treatment with a selected										
Client/Division: Propylene Oxide										
Owner of Record: Huntsman ICI Chemicals LLC										
80557	USA	G	30DE1986	547672		19JUL1988	4739681	19JAN2000	30DE2006	
Title: MOLYBDENUM-ETHYLENE GLYCOL COMPLEXES PREPARED BY HEATING										
Client/Division: Propylene Oxide										
Owner of Record: Huntsman ICI Chemicals LLC										
80577	USA	G	27JAN1986	873660		03NOV1987	4704482	03MAY1999	27JAN2006	
Title: PURIFICATION OF TERT-BUTYL ALCOHOL BY PASSING OVER SOLID										
Client/Division: Propylene Oxide										
Owner of Record: Huntsman ICI Chemicals LLC										

60383  
Huntsman International LLC

Docket No.	Ctry	Type	Status	App Date	App No	Grant Dt	Pat No.	Ext Tax Dt	Exp Dt
80603	USA		G	23DE1986	945625	07ME1989	4810809	07SE2000	23DE2006
Title: Tertiary butyl peroxide recovery									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
80609	USA		G	03MO1986	926159	03MY1988	5742179	03MO1999	03MO2006
Title: TERT-BUTYL ALCOHOL (TBA) STREAM PURIFIED BY REMOVAL OF									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
80630	USA		G	20MO1986	932922	10MO1987	4705903	10MY1999	20NO2006
Title: Catalytic decomposition of impurities in tertiary butyl									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
80698	USA		G	31AD1989	401381	12PE1991	4993566	12AU2002	31AU2009
Title: Recovery of tertiary butyl hydroperoxide and tertiary butyl									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
80936	USA		G	26ZL1991	738365	21AF1992	5106458	21OC2003	26JL2011
Title: PROPYLENE OXIDE PURIFIED BY REMOVAL OF METHYL FORMATE USING									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81032	USA		G	10JA1992	818931	02ME1993	5191143	02SE2004	10JA2012
Title: Preparation of Isobutylene									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81086	USA		G	19MO1992	978570	07SE1993	5243091	07ME2005	19MO2012
Title: METHOD FOR THE MANUFACTURE AND RECOVERY OF METHYL TERTIARY									
Client/Division: MTE									
Owner of Record: Huntsman ICI Chemicals LLC									
81103	USA		G	21JA1993	006542	28DE1993	5274138	28JE2005	21JA2013
Title: MULTIPLE STAGE OXIDATION OF OLEFINS, S.G., PROPYLENE, WITH									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									

60583  
Huntsman International LLC

5

Docket No.	Ctry	Types	Status	App Date	App No	Grant Dt	Pat No.	Mat Tex Dt	Exp Dt
81112	USA		G	030C1991	770493	16AUL992	5139622	16FWE2004	030C2011
Title: PROPYLENE OXIDE PURIFIED BY EXTRACTIVE DISTILLATION WITH									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81117	USA		G	01MO1991	786692	130C1992	5154804	13AP2004	01MO2011
Title: Removal of water, acetone and methanol from propylene oxide									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81136	USA		G	19AP1993	047910	16MO1993	5262017	16MX2005	19AP2013
Title: PROPYLENE OXIDE PURIFIED BY FOUR-STAGE DISTILLATION PROCESS.									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81148-C1	USA		F	07JA1995	372725	19AU1997	5659091	19FWE2009	19AU2014
Title: REMOVAL OF METHANOL FROM METHYL TERT.-BUTYL ETHER USING									
Client/Division: MTBE									
Owner of Record: Huntsman ICI Chemicals LLC									
81153	USA		G	06VL1993	85905	20SM1994	5349072	20MR2006	06JL2013
Title: Staged epoxidation of propylene with recycle									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81154	USA		G	08MO1993	149226	25AF1995	5410077	25OC2006	08FO2013
Title: CONTROLLED EPoxidation OF PROPYLENE									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81173	USA		G	26OC1993	140995	11OC1994	5354430	11AP2006	26OC2013
Title: PROPYLENE OXIDE/METHYL TERT.-BUTYL ETHER PROCESS: PROPYLENE									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81182	USA		G	23BR1993	125276	11OC1994	5354431	11AP2006	23SE2013
Title: Flural stage drying and purification of propylene oxide									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									

60383  
Huntsman International LLC

3

Docket No.	Ctry	Types	Status	App Date	App No	Grant Dt	Pat No.	Nxt Tex Dt	Exp Dt
81465	USA		G	26AUG1994	296633	25JUL1995	5436375	25JUL2007	26AUG2014
Title:PEROXIDATION OF ISOBUTANE WITH OXYGEN IN A VERTICAL REACTOR.									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81307	USA		G	31MY1994	251159	07NOV1995	5464505	07MY2007	26SEP2012
Title:USE OF PROPYLENE OXIDE ADDUCTS IN THE PURIFICATION OF									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81309	USA		G	31MY1994	251151	26SEP1995	5453160	26SEP2007	31MY2014
Title:EXTRACTIVE DISTILLATION OF PROPYLENE OXIDE									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81424	USA		G	16JUL1997	895286	25AUG1998	5798412	25FEB2006	16JUL2017
Title:ALKYLENE GLYCOL PRODUCTION USING ACTIVATED CARBON CATALYSTS									
Client/Division: Glycols									
Owner of Record: Huntsman ICI Chemicals LLC									
81448	USA		G	27AUG1997	917985	28SEP1999	5958492	28MAR2007	27AUG2017
Title:PURIFICATION OF PROPYLENE OXIDE USING ETHYLENE GLYCOL									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81449	USA		P	10NOV1997	966879	17AUG1999	5939592	17FEB2007	07OCT2016
Title:METHODS FOR DECOMPOSING ESTERS AND PURIFYING ALCOHOLS									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81455	USA		G	20NOV1997	975523	14MAR2000	6037518	14SEP2007	20NOV2017
Title:METHOD FOR REMOVAL OF OXYGENATE IMPURITIES FROM ORGANIC									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
81459	USA		G	14MR1998	040817	08FEB2000	6023001	08AUG2007	14MR2016
Title:IMPROVED PEROXIDATION OPERATION BY PRESSURE CONTROL									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									

60583  
Huntsman International LLC

*Handwritten mark*

Docket No.	Chry	Type	Status	App Date	App No	Grant Dt	Pat No.	Nxt Tax Dt	Exp Dt
81472	USA	P	G	18FE1999	253687	17OC2000	6133484	17AP2008	10NO2017
Title: METHODS FOR DECOMPOSING ESTERS AND PURIFYING ALCOHOLS									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman ICI Chemicals LLC									
MPN270	USA		G	11JUL1999	634890	30MR1993	5198353	30SE2004	30MR2010
Title: Method for Preparing Stabilized Enzyme Dispersion									
Client/Division: Household, I&T									
Co-Owners of Record: Huntsman International LLC / Novozymes									
81256-1	USA		G	19MY1995	444947	17AP2001	6218582	17OC2008	17AP2018
Title: METHOD FOR REDUCED FORMATION OF T-BUTANOL IN A FINISHING									
Client/Division: MTBE									
Owner of Record: Huntsman International LLC									
81528	USA		G	19OC2000	692021	02FE2003	6518474	02AU2005	19OC2020
Title: PROCESS FOR PRODUCING ISOBUTYLENE FROM TERTIARY BUTYL									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman International LLC									
81619	USA		F	23AP2003	10/421367				
Title: Purification of Solvents used for the Purification of									
Client/Division: Propylene Oxide									
Owner of Record: Huntsman International LLC									
RD1001	USA	X	G	02MX1997	850648	13MR2001	6200586	13SE2008	09MR2010
Title: Agrochemical or biocidal suspensions									
Client/Division: Agricultural Chemicals									
Owner of Record: Huntsman International LLC									
RD1011	USA	C	G	01JRI1995	456414	15SE1998	5807810	15MR2006	15SE2015
Title: Functional Fluids and Liquid Cleaning Compositions and									
Client/Division: Resources, Fuel & Lubr									
Owner of Record: Huntsman International LLC									
RD1020	USA	C	G	01JRI1995	457170	20AU1996	5547918	20FE2008	20AU2013
Title: Biocidal and agrochemical suspensions comprising a									
Client/Division: Agricultural Chemicals									
Owner of Record: Huntsman International LLC									

60583  
Huntsman International LLC

Docket No.	Ctry	Type	Status	App Date	App No	Grant Dt	Pat No.	Ext Tax Dt	Exp Dt
ED1023	USA					19DE1995	9478519	19JFE2007	08MR2015
Title: Dye suspensions									
Client/Division: Household, I&I									
Owner of Record: Huntsman International LLC									
MD1047	USA	C		16NO1994	340901	04JF1996	5523478	04DE2007	04JF2013
Title: Carbohydrate derived surfactants and their precursors									
Client/Division: Personal Care									
Owner of Record: Huntsman International LLC									
HL1100	USA					27FE2001	6194354	27AU2008	18SE2018
Title: Drilling fluid concentrates									
Client/Division: Resources, Fuel & Lub									
Owner of Record: Huntsman International LLC									
MPD235	USA					11AU1991	5039451	13FE2003	02NO2008
Title: Manufacturing Concentrated Surfactant Compositions									
Client/Division: Household, I&I									
Owner of Record: Huntsman International LLC									
MPD284	USA					29JF1993	5223644	29DE2004	03FE2012
Title: Nitrosamine Inhibition									
Client/Division: Household, I&I									
Owner of Record: Huntsman International LLC									
MPD289	USA					15AU1995	5442113	15FE2007	01FE2013
Title: Nitrosamine and nitrite inhibition									
Client/Division: Household, I&I									
Owner of Record: Huntsman International LLC									
MPD289-D1	USA	D		20JAI1995	376040	12MR1996	5498791	12SE2007	12MR2013
Title: Nitrosamine and nitrite inhibition									
Client/Division: Household, I&I									
Owner of Record: Huntsman International LLC									
MPD309	USA	F		04OC2000	10/088980				
Title: STRUCTURED SURFACTANT SYSTEMS									
Client/Division: Personal Care									
Owner of Record: Huntsman International LLC									

60583  
Huntsman International LLC

7

Docket No.	Ctry	Type	Status	App Date	APP NO	Grant Dt	Pat No.	Ext Tax Dt	Exp Dt
MPD314	USA	P	G	22JUN2000	10/018818	03AUG2004	6770612	03FEB2008	22JUN2020
Title: STRUCTURED SURFACTANT SYSTEMS									
Client/Division: Household, ISI									
Owner of Record: Huntsman International LLC									
MPD319	USA	P	G	28JUL2000	10/018856	11MAY2003	6545912	11MAY2007	28JUL2020
Title: HERBICIDAL COMPOSITIONS									
Client/Division: Agricultural Chemicals									
Owner of Record: Huntsman International LLC									
MPD324	USA	F	F	10JUN2002	10/480228				
Title: Hair Colourants									
Client/Division: Personal Care									
Owner of Record: Huntsman International LLC									
MPD326	USA	F	F	12JUL2002	10/483926				
Title: Phosphate Suspensions									
Client/Division: Household, ISI									
Owner of Record: Huntsman International LLC									
MPD329	USA	F	F	25SEP2002	10/492389				
Title: Manufacture of Alkyl Benzene Sulphonic Acids									
Client/Division: Household, ISI									
Owner of Record: Huntsman International LLC									
MPD331	USA	F	G	29JAN2003	10/504005				
Title: Anti-Microbial Fabric Treatment									
Client/Division: Household, ISI									
Owner of Record: Huntsman International LLC									
NPL243/DIV	USA	D	G	17APR1987	39671	03OCT1989	4871467	03APR2001	03OCT2006
Title: Liquid detergent compositions									
Client/Division: Household, ISI									
Owner of Record: Huntsman International LLC									
NPL276	USA	G	G	06JUN1995	471322	12OCT1999	5964692	12APR2007	12OCT2016
Title: Functional fluids and liquid cleaning compositions and									
Client/Division: Household, ISI									
Owner of Record: Huntsman International LLC									

60583  
Huntsman International LLC



Docket No.	Country	Type	Status	App Date	App No	Grant Dc	Pat No.	Ext	Tax Dc	Exp Dc
MPL281/285	USA	C	G	30NY1997	08/866399	148M1999	5952265	14MR2007	10AP2011	
Title: Concentrated Aqueous surfactant Compositions										
Client/Division: Household, I&I										
Owner of Record: Huntsman International LLC										
MPL298	USA	X	G	17JL1996	694269	23JA3001	6177396	23JL2008	23AU2015	
Title: Aqueous based surfactant compositions										
Client/Division: Household, I&I										
Owner of Record: Huntsman International LLC										
MPL298-D1	USA	D	G	10MR1998	038270	18JL2000	6090762	18JL2008	06MY2014	
Title: Aqueous based surfactant compositions										
Client/Division: Household, I&I										
Owner of Record: Huntsman International LLC										
MPL313	USA	G	G	30AU2001	868881	31DM2001	6500784	30JN2006	30AU2021	
Title: HERBICIDAL COMPOSITIONS AND SURFACTANT CONCENTRATES										
Client/Division: Agricultural Chemicals										
Owner of Record: Huntsman International LLC										
MPL313-D1	USA	D	G	27SE2002	10/256644	25NO2003	6653257	25MY2007	30AU2021	
Title: HERBICIDAL COMPOSITIONS AND SURFACTANT CONCENTRATES										
Client/Division: Agricultural Chemicals										
Owner of Record: Huntsman International LLC										
MPL318-C1	USA	PF	F	14JL2000	10/878864					
Title: STRUCTURED SURFACTANT SYSTEMS										
Client/Division: Personal Care										
Owner of Record: Huntsman International LLC										

60581  
Huntsman International LLC

(6)



US	35580	3	41545608	3/4/1995	5624972	4/29/1997	Live - Granted/Registered
US	35813	0	717746	6/19/1991	5124367	6/23/1992	Live - Granted/Registered
US	35950	0	75684707	9/9/1991	5278120	11/1/1994	Live - Granted/Registered
US	35979	0	77478807	10/10/1991	5276274	11/1/1994	Live - Granted/Registered
US	35981	0	7744207	10/10/1991	5314828	5/24/1994	Live - Granted/Registered
US	36370	0	89073807	5/28/1992	5364887	11/15/1994	Live - Granted/Registered
US	36496	0	925347	4/8/1992	5981663	9/11/1999	Live - Granted/Registered
US	36496	2	18093908	12/1/1994	5984958	12/17/1998	Live - Granted/Registered

60583  
Huntman International LLC

US	36693	4	PRODUCTION OF FLEXIBLE URETHANE FOAMS BY REACTING 4,4'-MDI OR VARIANT THEREOF WITH POLYETHER POLYOL COMPOSITION HAVING AVERAGE OXYETHYLENE+	67839108	2/7/1996	6245825	12/8/2001	Live - Granted/Registered
US	36693	5	PRODUCTION OF FLEXIBLE URETHANE FOAMS BY REACTING 4,4'-MDI OR VARIANT THEREOF WITH POLYETHER POLYOL COMPOSITION HAVING AVERAGE OXYETHYLENE+	78608408	1/21/1997	6376698	4/23/2002	Live - Granted/Registered
US	36937	0	THE USE OF 1,2-DIMETHYL-IMIDAZOLE AS CATALYST IN THE FULL PREPOLYMER FULLY WATER BLOWN FLEX FOAM PROCESS.	4562308	12/4/1993	5286004	11/30/1993	Live - Granted/Registered
US	37109	2	MICROCELLULAR ELASTOMERS ARE PREPARED USING A PREPOLYMER BASED ON A POLYETHER POLYOL (20-35%W EO OF WHICH AT LEAST 75% TFP), WATER AS+	52612308	8/9/1995	5840782	11/24/1998	Live - Granted/Registered
US	37414	2	PROCESS FOR MAKING FLEX FOAM FROM 21-49% EO POLYOL AT INDEX OF MORE THAN 70 AND WITH 4.5-15 PBW OF WATER	18051808	1/2/1994	5565498	10/15/1996	Live - Granted/Registered
US	37414	3	PROCESS FOR MAKING FLEX FOAM FROM 21-49% EO POLYOL AT INDEX OF MORE THAN 70 AND WITH 4.5-15 PBW OF WATER	47220408	7/6/1995	5594097	1/14/1997	Live - Granted/Registered
US	37459	2	MIX OF PREPOLYMER FROM HIGH 2,4' MDI AND HIGH EO POLYOL + POLYMERIC MDI.	21487608	3/18/1994	5621016	4/16/1997	Live - Granted/Registered
US	37526	2	FLEXIBLE FOAM FROM 4,4'-MDI, 25-50% W EO POLYOL AND WATER.	22392808	6/4/1994	5459170	10/17/1995	Live - Granted/Registered

*Handwritten mark*

60583  
Hannover International LLC

US	37542	0	212634/08	11/3/1994	5444101	8/22/1995	Live - Granted/Registered
US	37542	2	475285/08	7/6/1995	5519065	5/21/1996	Live - Granted/Registered
US	37616	2	241545/08	12/5/1994	5447965	5/8/1995	Live - Granted/Registered
US	37621	0	245937/08	5/18/1994	5489620	6/2/1996	Live - Granted/Registered
US	37783	2	319197/08	6/10/1994	6366714	9/4/2002	Live - Granted/Registered
US	37837	2	604146/08	2/20/1998	5710231	1/20/1998	Live - Granted/Registered
US	40082	0	437729/08	9/5/1995	5504124	2/4/1996	Live - Granted/Registered
US	40124	0	464483/08	5/6/1995	5521225	5/28/1996	Live - Granted/Registered
US	40124	2	591047/08	1/25/1998	5594039	1/14/1997	Live - Granted/Registered
US	40124	3	591073/08	1/26/1996	5594040	1/14/1997	Live - Granted/Registered

27

60383  
Huntman International LLC

US	40212	9	9	SELF-RELEASE BINDER SYSTEM.	278781/08	7/22/1994			5554438	10/9/1996	Live - Granted/Registered
US	50014	2		PROCESS FOR MAKING HYDROPHILIC FLEXIBLE FOAM	560858/08	11/20/1995			5591779	7/1/1997	Live - Granted/Registered
US	50014	3		PROCESS FOR MAKING HYDROPHILIC FLEXIBLE FOAM	696411/08	8/13/1996			5849850	12/15/1998	Live - Granted/Registered
US	50014	4		PROCESS FOR MAKING HYDROPHILIC FLEXIBLE FOAM	211586/09	12/14/1998			6271277	7/8/2001	Live - Granted/Registered
US	50034	0		Clear, stable liquid prepolymer comp., NCD=11-22, having low viscosity from 1) excess MDI + pMDI reacted with polyol (NCO=9-20) and 2) pMDI	464195/08	5/6/1995			5491177	2/13/1996	Live - Granted/Registered
US	50069	0		flex foam from full prepolymer, X-8000 and isocyanate-reactive composition containing relatively high amount of polyol	462093/08	5/6/1995			5491178	2/13/1996	Live - Granted/Registered
US	50098	2		Flexible foam without major glass-rubber transition below 25A °C	641122/08	4/30/1996			5900442	4/5/1998	Live - Granted/Registered
US	50068	3		Flexible foam without major glass-rubber transition below 25A °C	197978/09	11/23/1998			6335379	1/1/2002	Live - Granted/Registered
US	50098	4		Flexible foam without major glass-rubber transition below 25A °C	09/989451	11/28/2001			6433034	8/13/2002	Live - Granted/Registered
US	50108	0		Internal Mold Release Compositions	620279/08	8/25/1995			5576409	11/19/1996	Live - Granted/Registered
US	50108	2		Internal Mold Release Compositions	705869/08	8/28/1996			5670553	9/23/1997	Live - Granted/Registered
US	50108	3		Internal Mold Release Compositions	859358/08	5/20/1997			5963528	11/30/1999	Live - Granted/Registered
US	50116	0		Prepolymer/water mix for oil spill recovery.	879607/08	6/25/1996			5730880	3/24/1998	Live - Granted/Registered
US	50172	0		Semi prepolymer with PMDI reacted in prepolymer + addition of high amount of PMDI or PMDI/TDI.	741413/06	10/29/1996			5900441	4/5/1999	Live - Granted/Registered
US	50180	2		PU elastomers made by reacting pure 4,4'-MDI and high EO polyol(s) in the presence of a chain extender and opt. water and crosslinker.	10/061186	4/2/2002	2002-010332	1/8/2002			Live - Pending

60383  
Husman International LLC

80

US	50180	3	PU elastomers made by reacting pure 4,4'-MDI and high EO polyol(s) in the presence of a chain extender and opt. water and crosslinker.	AWAITED	4/2/2002													Live - Pending
US	50257	0	TDA-based polyol for n-pentane blown rigid polyurethane foams	872317/08	10/6/1997													Live - Granted/Registered
US	50269	0	High hardblock PU elastomers made by reacting pure 4,4'-MDI and a high EO polyol in the presence of a chain extender, water and opt. a Xlinker	872037/08	10/6/1997													Live - Granted/Registered
US	50335	0	Amine-free flexible foam having no major glass transition below 25 C.	963744/08	4/1/1997													Live - Granted/Registered
US	50335	2	Amine-free flexible foam having no major glass transition below 25 C.	963365/09	9/15/2000													Live - Granted/Registered
US	50336	0	Acid catalyst for flexible foam having no major glass transition below 25 C.	963753/08	4/1/1997													Live - Granted/Registered
US	50336	2	Acid catalyst for flexible foam having no major glass transition below 25 C.	513823/09	2/25/2000													Live - Granted/Registered
US	50341	0	Use of lactic acid or glycolic acid to stabilize polyester blends.	953363/08	10/17/1997													Live - Granted/Registered
US	50341	2	Use of lactic acid or glycolic acid to stabilize polyester blends.	10/090783	6/3/2002	2002-012359												Live - Granted/Registered
US	50342	0	Use of certain catalysts (DMDEE, NMI, DMAP) in polyester foams.	953260/08	10/17/1997													Live - Granted/Registered
US	50342	2	Use of certain catalysts (DMDEE, NMI, DMAP) in polyester foams.	09/781838	10/17/1997	6988												Live - Granted/Registered
US	50382	2	Isocyanate compositions for low density polyurethane foam	021502/09	10/2/1998													Live - Granted/Registered
US	50406	0	Process for preparing flexible polyurethane foam	040073/09	3/17/1998													Live - Granted/Registered
US	50417	2	Isocyanate compositions for hydrocarbon blown polyurethane foam.	096389/09	11/6/1998													Live - Granted/Registered
US	50417	3	Isocyanate compositions for hydrocarbon blown polyurethane foam.	09/884780	5/24/2001	22874												Live - Granted/Registered

27

60583  
Hudson International LLC

US	50417	4	isocyanate compositions for hydrocarbon blown polyurethane foam.	10/20/2004	7/24/2002	78310	4/24/2003	6590005	8/7/2003	Live - Granted/Registered
US	50456	0	LOW DENSITY FLEXIBLE POLYURETHANE FOAMS	909110/08	1/8/1997	2002-001337		5877227	2/3/1999	Live - Granted/Registered
US	50457	2	Flame resistant rigid polyurethane foams blown with hydrofluorocarbons	122132/09	7/24/1998	9	1/31/2002	6372811	4/16/2002	Live - Granted/Registered
US	50464	0	Single step process for preparing amine directly from benzene	137974/09	8/21/1998			6204411	3/20/2001	Live - Granted/Registered
US	50477	0	Use of mixtures of HFC 245 fa and isopentane as blowing agent for rigid polyurethane foam	159480/09	8/23/1998			6121336	9/18/2000	Live - Granted/Registered
US	50477	2	Use of mixtures of HFC 245 fa and isopentane as blowing agent for rigid polyurethane foam	09/500469	9/2/2000			6336378	1/1/2002	Live - Granted/Registered
US	50547	0	Optionally(dynamically)vulcanized blends of 2 TPU (TG >= 80A°C) and rubber like materials (TG	245749/09	8/2/1999			6281587	9/18/2001	Live - Granted/Registered
US	50570	3	Method for Reducing the Sensitivity of Polyurethane Foam Prepolymer to Humidity	10/643874	8/20/2003					Live - Pending
US	50573	0	Preparation of rigid PU foams using a polyisocyanate composition of NCO-value=25-30% comprising a prepolymer based on a high MW	280479/09	3/30/1999			6433032	8/13/2002	Live - Granted/Registered
US	50592	2	Acrylic wrapping of lignocellulosic composite and whole wood siding	60/142578	7/7/1999					Live - Pending
US	50693	2	Hydrocarbon blown rigid polyurethane foams having improved flammability performance	311351/09	5/13/1999			6319962	11/20/2001	Live - Granted/Registered
USW	50808	0	emulsifiable isocyanates with extended potlife	09/766957	7/23/1999	42402	3/2/2000	6407196	6/19/2002	Live - Granted/Registered
USW	50809	0	isocyanate binders for fiberboard manufacture	09/766825	7/23/1999	00/0635		6092670	2/17/2004	Live - Granted/Registered
US	50650	2	APPARATUS AND PROCESS FOR BOTTOM COATING BY EXTRUSION	418080/09	12/10/1999			6374768	4/23/2002	Live - Granted/Registered

60583  
Hannam International LLC

136



USW	50651	0	polyisocyanurate compositions and composites	09/858377	12/11/1999	2002-004569 0	5/25/2000	6793855	9/21/2004	Live - Granted/Registered
USW	50651	2	polyisocyanurate compositions and composites	10/714986	11/17/2003	94859				Live - Pending
USW	50655	0	POLYURETHANE ELASTOMERS HAVING IMPROVED HYDROLYSIS RESISTANCE	09/938215	2/22/2000	2002-004007 1	8/31/2000	6486224	7/11/2002	Live - Granted/Registered
USW	50656	2	Internal mold release compositions	10/789234	3/3/2000	2004-017178 4	9/21/2000			Live - Pending
US	50661	0	Process for preparing a flexible polyurethane foam	36930109	9/9/1999			6417241	9/7/2002	Live - Granted/Registered
USW	50725	0	USE OF THERMALLY EXPANDABLE MICROSPHERES IN THE PREPARATION OF LOW DENSITY FOAMED TPU	09/860067	5/1/2000	004482 1	3/6/2000			Live - Pending
USW	50755	0	Moulded flex foam from Suprasec 1002 not using external mold release after 1st moulding	09/914537	2/24/2000	005523 2	9/21/2000			Live - Pending
USW	50795	0	Process for high solids PIPA polyol	09/979838	5/6/2000	007336 4		8881783	4/19/2005	Live - Granted/Registered
USW	50797	0	Use of EO-enriched polyol (20-50% EO) as additive in making low density flexible foam	09/979849	5/5/2000	007336 2		6590008	8/7/2003	Live - Granted/Registered
USW	50798	0	Amine-initiated polyol for visco-elastic foam	10/030385	3/7/2000	010752 1	1/2/2001	6508813	1/14/2003	Live - Granted/Registered
USW	50799	0	Titanium complex for fast cure in woodbinding	10/030384	6/28/2000	010749 8	1/2/2001	6750310	6/15/2004	Live - Granted/Registered
USW	50802	0	Phoenix+Graphite	10/116879	4/9/2000	130365		6765035	7/20/2004	Live - Granted/Registered
USW	50808	0	Flexoam from prepolymer and intermediate EO polyol	10/122454	5/10/2000	87977		6693387	7/15/2003	Live - Granted/Registered
USW	50808	2	Flexoam from prepolymer and intermediate EO polyol	10/456901	11/8/2003	212155		6784217	8/31/2004	Live - Granted/Registered
USW	50809	0	Visco-elastic foam from 4 polyols	10/122435	5/10/2000	105177		6617369	9/9/2003	Live - Granted/Registered

60383  
Hansmann International LLC

15

USw	50812	0	polycarbamates by oxidative carbonylation of polyamines using a specific catalyst system	10/18/0442	12/14/2000	135009	5/7/2001				Live - Pending
USw	50813	0	The manufacture of moulded polyurethane products using gas assisted moulding	10/178547	12/22/2000	15815	5/7/2001	6821476	11/23/2004		Live - Granted/Registered
USw	50814	0	Stiebstock foam from high 2,4-MDI	10/191371	5/12/2000	67978	7/26/2001	6774153	10/8/2004		Live - Granted/Registered
US	50815	2	D-isocyanate addition into emulsifiable isocyanate to make a bubble-free primer over wet, porous concrete surfaces	09/765771	1/19/2001	10250	12/4/2002	6531536	11/3/2003		Live - Granted/Registered
USw	50816	0	Use of fatty acid and polyolefin wax combination as a release agent for binding lignocellulosic materials with polyisocyanate	10/216427	11/2/2000	15122	8/16/2001				Live - Pending
USw	50817	0	High EO, high primary OH polyol in moulded flexible foam.	10/202580	1/18/2001	87979	8/23/2001				Live - Pending
USw	50819	0	preparation of polymeric MDI by decomposition of the corresponding polycarbamate with continuous removal of MDI during reaction	10/202584	12/2/2001	55282 2003-	7/9/2001				Live - Pending
USw	50834	0	EO-platform - Elastomers	10/336519	6/21/2001	016293 1	1/24/2002	6884824	4/28/2005		Live - Granted/Registered
US	50840	2	Process for flexible polyurethane foam manufacture via separate and variable component mixing of at least 3 separate major component ...	09/820418	1/8/2001	40072	4/4/2002	8727292	3/27/2004		Live - Granted/Registered
USw	50841	0	Glass-like material / EO-platform.	10/354786	6/25/2001	130470	7/2/2002	8806342	10/19/2004		Live - Granted/Registered
USw	50843	0	Bribe extraction on polyols	10/336518	6/28/2001	88278	7/2/2002	8762279	7/13/2004		Live - Granted/Registered
USw	50844	0	Dual Landscale	10/336315	5/7/2001	158280	7/2/2002	6884825	4/26/2005		Live - Granted/Registered
USw	50845	0	A process for forming fiber reinforced composite bodies by a pultrusion process	10/368981	8/17/2001	176561	2/28/2002				Live - Pending

60383  
Hudson International LLC

167

USW	50854	0	EO-PLATFORM; PREPOLYMER FROM EO POLYOL + PO POLYOL	10/645727	1/14/2002	US-2004-0044093	8/9/2002		Pending - Allowed/Accepted
USW	50858	0	Thermoreversible thermoplastic polyurethane	10/444812	3/12/2001	2004-0087735	6/13/2002		Live - Pending
USW	50863	0	RIM parts with reduced occurrence of post blow and reduced molding time utilizing B-component including at least 1 of fatty polyester, ...	10/459821	1/23/2002	2004-0034113	1/8/2002	6887911	Live - Granted/Registered
USW	50866	0	Low temperature carbon treatment of PO	10/639220	6/3/2002	2004-0082783		6906209	Live - Granted/Registered
USW	50871	0	Visco-elastic system using monoool	10/684128	2/4/2002	US-2004-0087875			Pending - Allowed/Accepted
USW	50872	0	Soft elastomer from PMDI, diol and monoool.	10/716789	4/18/2002	US2004-0136380A1	11/28/2002	8814117	Live - Granted/Registered
USW	50874	0	Release agent for PMDI bonded lignocellulosic composites comprised of an emulsifiable mixture of a fatty acid and a polysiloxane cont. ....	10/759482	7/17/2002	03/008184	1/30/2003		Live - Pending
US	50875	0	USE OF A BLEND OF TWO SPECIFIC POLYESTER POLYOLS, WHICH ARE LIQUID AT ROOM TEMPERATURE, TO PRODUCE POLYURETHANE ELASTOMER SHOES SOLES WITH	60/308576	2/9/2001				Live - Pending
USW	50877	0	Combination of K15 and lactic acid for PIR foam	10/772903	6/27/2002	03/020784	3/13/2003		Live - Pending
US	50880	0	VISCOELASTIC POLYURETHANES FORMED USING SPECIFIC BLEND OF POLYOLS AND A CATALYST CONTAINING A PLURALITY OF SILOXANE LINKAGES	60/334299	11/29/2001				Live - Pending
USW	50880	0	VISCOELASTIC POLYURETHANES FORMED USING SPECIFIC BLEND OF POLYOLS AND A CATALYST CONTAINING A PLURALITY OF SILOXANE LINKAGES	10/855102	11/29/2002	US-2004-0254256	5/6/2003		Live - Pending

60583  
Hudson International LLC

USW	50887	0	ADHESIVE INCLUDING: PREPOLYMER FORMED WITH ALIPHATIC TERTIARY AMINE-INITIATED POLYOL; INERT FATTY ESTER COMPOUND; AND DISPERSED INERT	10/912313	6/2/2003	2005-0010013-A1	8/14/2003		Live - Pending
USW	50889	0	DADPM with heterogeneous catalyst	10/947103	3/25/2003	US-2005-0101801			Live - Pending
USW	50890	0	COMPOSITES FORMED BY FILAMENT WINDING USING REACTION MIXTURE SUBSTANTIALLY FREE OF STYRENE, METHYL METHACRYLATE, AND ORGANIC RESINS	10/947113	3/27/2003	US-2005-0038222	2/17/2005		Live - Pending
USW	50892	0	PROCESS FOR IMPROVED COLD CURE BONDING OF LIGNOCELLULOSIC COMPOSITES USING A POLYISOCYANATE ADHESIVE AND A UREA	10/976233	2/5/2003	03/093385	11/13/2003		Live - Pending
USW	50893	0	ADHESION PROMOTING Foamed Supramolecular polymers	10/997,144	2/5/2003	03/099875			Live - Pending
US	50894	0	Apparatus and process that provide for adequate dispersal of the reinforcing fiber bundles	60/391716	6/26/2002				Live - Pending
US	50894	2	Apparatus and process that provide for adequate dispersal of the reinforcing fiber bundles	10/465063	6/19/2003	2004-0135280	7/15/2004		Live - Pending
USW	50895	0	Moulded elastomer from high EO-polyol and high water COMPOSITES FORMED BY FILAMENT WINDING USING REACTION MIXTURE SUBSTANTIALLY FREE OF STYRENE, METHYL METHACRYLATE, AND ORGANIC RESINS	11/016070	12/6/2003	US-2005-0101862	8/1/2004		Live - Pending
US	50896	0		60/401583	6/8/2002				Live - Pending

181

60383  
Ettusman International LLC

US	50897	2	MIXING ACTIVATED ISOCYANATE-BASED RESIN SYSTEMS, SUCH AS POLYISOCYANURATE AND POLYURETHANE RESIN SYSTEMS, THAT MAY BE USED IN	10/02/6983	7/25/2003	US-2004-01 06726A1	3/8/2004			Live - Pending
US	50897	3	MIXING ACTIVATED ISOCYANATE-BASED RESIN SYSTEMS, SUCH AS POLYISOCYANURATE AND POLYURETHANE RESIN SYSTEMS, THAT MAY BE USED IN	AWAITED						Live - Pending
USW	50901	0	Amine-initiated, high EO polyols	11/04/7087	2/7/2003	US-2005-0131085	2/19/2004			Live - Pending
USW	50902	0	PROCESS FOR MAKING A FLEXIBLE POLYURETHANE FOAM ELASTOMERIC POLYURETHANE GELS WITHOUT HIGH LEVELS OF PLASTICIZERS THAT HAVE A LONG WORKING TIME AND FAST CURE	11/04/7088	2/7/2003	04/014976	2/19/2004			Live - Pending
US	50905	2	LINESTAR 4800 adhesive used with a ribbon coater for the manufacture of LVL	10/715647	11/18/2003	US-2004-0147707	7/29/2004	6908979	6/21/2006	Live - Granted/Registered
US	50906	2	UNREINFORCED REACTION INJECTION MOLDED POLYURETHANE STRUCTURAL FOAMS HAVING IMPROVED PROPERTIES AND PROCESSABILITY	10/724976	1/12/2003	170558	2/9/2004			Live - Pending
US	50907	2	MOISTURE CURE CATALYSTS, COLD CURING POLYISOCYANATE ADHESIVES PREPARED THEREFROM, AND ENGINEERED LUMBER COMPOSITES PRODUCED WITH SUCH	10/772516	5/2/2004	US-2004-0192800	9/30/2004			Live - Pending
US	50916	0	Spiral mixer nozzle	10/826982	7/25/2003	US-2005-0020799	1/27/2005	6878795	12/4/2005	Live - Granted/Registered
US	50926	0	THE USE OF (ESSENTIALLY LOW-NCO) ISOCYANATE PREPOLYMERS COMPRISING DISPERSED SOLID FIRE RETARDANT (ESSENTIALLY MELAMINE), FOR+	60/669545	8/4/2005					Live - Pending
US	35458 A	0		59426107	9/10/1990			5177118	5/1/1993	Live - Granted/Registered

60983  
Huntsman International LLC

PG 6  
Agree  
Re-tye

<u>Trademark</u>	<u>Appl. No.</u>	<u>Registration No.</u>
KRYSTALFLEX	1557996	73-716 044
IROCOAT	2676524	76/213,893
KRYSTALGRAN	2792036	76/242,203
WEARGUARD	1,463,200	
LINESTAR		76/256,016
SMARTLITE		78/176679
AVALON	1853408	74/801906
AVALON		75/529683
DALTOPED	1,651,244	828596
MIRA-LOK		75/609304
RUBINATE	1808700	74/367,958
ACOUSTIFLEX	2,250,108	75/235,777
RIMLINE	1457057	583885
RIMLINE	1793317	74/345222
DALTOCEL	1660453	824116
DALTOLAC	1644140	1644140
VACPAC		76/039223
SUPRASEC	820,977	
DALTOFOAM	1835081	74/401393
RUBIFLEX	1,440,366	600,723
RUBINOL	1,757,839	74/291,337
RUBITHERM	1,792,270	74/345,221
RUBILON	2,469,953	75/340,542
FIBERIM		76/083,694
IRO		76/213,408

CHI:1669958.1