PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Release of Patent Security Agreement

CONVEYING PARTY DATA

Name	Execution Date
The Bank of Nova Scotia	03/14/2013

RECEIVING PARTY DATA

Name:	Ashland Licensing and Intellectual Property LLC
Street Address:	5200 Blazer Parkway
City:	Dublin
State/Country:	OHIO
Postal Code:	43017

Name:	Aqualon Company
Street Address:	500 Hercules Road
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19808

Name:	ISP Investments Inc.
Street Address:	1011 Centre Road, Suite 315
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19805

Name:	Hercules Incorporated
Street Address:	500 Hercules Road
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19808

PROPERTY NUMBERS Total: 1145

Property Type	Number

OP $45800.00 5574127

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Application Number:	13469594
Application Number:	13746610
Application Number:	13745326
Application Number:	13811561
Application Number:	61755225
Application Number:	13813567

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: daniel.cote@thomsonreuters.com
Correspondent Name: Elaine Carrera, Legal Assistant
Address Line 1: 80 Pine Street
Address Line 2: Cahill Gordon & Reindel LLP
Address Line 4: New York, NEW YORK 10005

NAME OF SUBMITTER:	Elaine Carrera, Legal Assistant

Total Attachments: 104

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Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 04/30/2015)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

The Bank of Nova Scotia

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

2. Name and address of receiving party(ies)

Name: Ashland Licensing and Intellectual Property LLC

Internal Address:

Street Address: 5200 Blazer Parkway

City: Dublin

State: OH

Country: USA Zip: 43017

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 14, 2013

☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☒ Other Release of Patent Security Agreement

4. Application or patent number(s): ☐ This document is being filed together with a new application.

A. Patent Application No.(s)

See Schedule II

B. Patent No.(s)

See Schedule II

Additional numbers attached? ☒ Yes ☐ No

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

Name: Elaine Carrera, Legal Assistant

Internal Address:

Street Address: c/o Cahill Gordon Reindel LLP
80 Pine Street

City: New York

State: NY Zip: 10005

Phone Number: (212) 701-3365

Docket Number:

Email Address: ecarrera@cahill.com

6. Total number of applications and patents involved: 1145

7. Total fee (37 CFR 1.21(h) & 3.41) $

☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number

Authorized User Name

9. Signature: Elaine Carrera — March 14, 2013

Signature — Date

Elaine Carrera

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 104

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Addendum to Cover Page of Patents Form Cover Sheet

2. Name of receiving parties

Ashland Licensing and Intellectual Property LLC
5200 Blazer Parkway
Dublin, OH 43017

Aqualon Company
500 Hercules Road
Wilmington, DE 19808

Hercules Incorporated
500 Hercules Road
Wilmington, DE 19808

ISP Investments Inc.
1011 Centre Road, Suite 315
Wilmington, DE 19805

RELEASE OF PATENT SECURITY AGREEMENT

THIS RELEASE OF PATENT SECURITY AGREEMENT (this "Release") is made as of March 14, 2013 (the "Effective Date"), by The Bank of Nova Scotia, as administrative agent (in such capacity, the "Administrative Agent") for the benefit of the parties listed on Schedule I attached hereto (collectively, the "Pledgors").

WHEREAS, pursuant to the terms and conditions of (i) that certain Security Agreement, dated as of August 23, 2011, between Ashland, Inc., a Kentucky corporation, the Pledgors, the other guarantors party thereto and the Administrative Agent, (ii) the Patent Security Agreement dated as of August 23, 2011 (the "Patent Security Agreement"), between the Pledgors and the Administrative Agent and (iii) each of the Supplemental Patent Security Agreements set forth on Schedule III attached hereto, between each of the Pledgors party thereto and the Administrative Agent (collectively, the "Supplemental Patent Security Agreements"), the Pledgors pledged, assigned and granted to the Administrative Agent a continuing security interest in all of its right, title and interest in and to certain collateral including, without limitation, the patent registrations and applications set forth on Schedule I to the Patent Security Agreement and Schedule I to each of the Supplemental Patent Security Agreements, along with the goodwill associated therewith (collectively, the "Patents");

WHEREAS, the Patent Security Agreement was recorded with the Patent Division of the United States Patent & Trademark Office on September 16, 2011 at Reel 026918 and Frame 0052;

WHEREAS, each of the Supplemental Patent Security Agreements was recorded with the Patent Division of the United States Patent & Trademark Office on the respective date on Schedule III attached hereto, at Reel and Frame listed on Schedule III attached hereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Administrative Agent hereby terminates the Patent Security Agreement and each of the Supplemental Patent Security Agreements, and hereby terminates, cancels, re-pledges, reassigns and releases any and all security interests it has against the Patents, including those Patents listed under Schedule II attached hereto.

If and to the extent the Administrative Agent has acquired any right, title or interest to any of the Patents, it hereby assigns and transfers such rights, title or interest to their respective Pledgors.

The Administrative Agent shall take all further actions, and provide to the Pledgors and their successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or

other instruments), reasonably requested by the Pledgors to more fully and effectively effectuate the purposes of this Release.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the Administrative Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date.

THE BANK OF NOVA SCOTIA,
as Administrative Agent

By: _____
Name: David Mahmood
Title: Managing Director

[*Signature Page to Ashland Patent Release*]

SCHEDULE I
to
RELEASE OF PATENT SECURITY AGREEMENT

PLEDGORS

ENTITY	JURISDICTION
Ashland Licensing and Intellectual Property	Delaware
Aqualon Company	Delaware
Hercules Incorporated	Delaware
ISP Investment Inc.	Delaware

SCHEDULE II
to
RELEASE OF PATENT SECURITY AGREEMENT
PATENT REGISTRATIONS AND PATENT APPLICATIONS

PATENT REGISTRATIONS

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
HYDROPHOBICALLY MODIFIED POLY(ACETAL-POLYETHERS)	AQUALON COMPANY (HERCULES INCORPORATED)	08/417368	04/05/95	5574127	11/12/96
ADHESIVE ADDITIVES AND ADHESIVE COMPOSITIONS CONTAINING AN ADHESIVE ADDITIVE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/347,435	01/21/03	7,071,248	07/04/06
ADHESIVE COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/027,542	03/05/93	5,508,111	04/16/96
ADHESIVE FOR BONDING EPDM RUBBER ROOFING MEMBRANE AND BONDING METHOD EMPLOYING SAME	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	07/747,081	08/19/91	5,232,531	08/03/93
AIR FRESHENER	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/167292	11/11/02	D474535	05/13/03
AIR FRESHENER	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/167293	09/11/02	D476,071	06/17/03
ALL-ORGANIC CORROSION INHIBITOR COMPOSITION AND USES THEREOF	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/419524	10/18/99	6403028	06/11/02
ANTI-YELLOWING MOLDING COMPOSITIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/780,043	12/23/96	5,811,478	09/22/98
APPARATUSES AND SYSTEMS FOR MONITORING FOULING OF AQUEOUS SYSTEMS INCLUDING ENHANCED HEAT EXCHANGER TUBES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/393,943	03/31/06	7,581,874	09/01/09

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
AQUEOUS CORROSION INHIBITOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/422596	10/21/99	6228283	05/08/01
AQUEOUS CORROSION INHIBITOR FORMULATIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08477413	06/07/95	5702631	12/30/97
ASPHALT RELEASE AGENT	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/693454	10/20/00	6486249	11/26/02
AUTOMATED METHOD FOR CONTROLLING THE RATE OF CHLORINE DIOXIDE GENERATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/091,842	07/14/93	5,382,520	01/17/95
AUTOMATED PROCESS FOR INHIBITING CORROSION IN AN INACTIVE BOILER CONTAINING AN AQUEOUS SYSTEM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/287876	11/28/05	7208117	04/24/07
AUTOMOTIVE INTERIOR LIQUID APPLICATOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/437,658	05/14/03	6,945,722	09/20/05
AUTOMOTIVE INTERIOR LIQUID APPLICATOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/437,762	05/14/03	6.817,801	11/16/04
BARREL SIGN	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/085811	03/31/98	D407443	03/30/99
BIOCIDAL BLENDS OF QUATERNARY AMMONIUM COMPOUNDS AND CHLORINE DIOXIDE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/396,135	02/28/95	5,611,938	03/18/97
BLOCKED TIN CATALYST SYSTEM FOR USE WITH MERCAPTO RESIN/ACRYLIC RESIN BLENDS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/230,087	04/20/94	5,478,790	12/26/95
BLUSH RESISTANT ADHESIVES USED IN BOTTLE LABELING	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/017,483	12/20/04	7,361,713	04/22/08
BOTTLE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/112936	10/26/99	D439519	03/27/01

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
BOTTLE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/092841	08/27/98	D416803	11/23/99
BOTTLE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/076844	09/23/97	D415689	10/26/99
BOTTLE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/120811	03/27/00	D431471	10/03/00
BOTTLE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/234768	07/22/05	D557140	12/11/07
BOTTLE ALIGNMENT PACKAGING APPARATUS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/823295	03/30/01	6688456	02/10/04
BROMINATED POLYESTER RESINS, RESIN COMPOSITIONS CONTAINING BROMINATED POLYESTER RESINS, AND LAMINATE COMPOSITIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/274,982	10/22/02	6,858,314	02/22/05
CLEANING AND POLISHING COMPOSITION FOR METALLIC SURFACES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/640,454	12/15/06	7,374,592	05/20/08
CLEANING AND POLISHING WAX COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/005321	12/06/04	7,503,963	03/17/09
COHESIVE STRETCH BANDAGES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/780,460	01/08/97	5,692,937	12/02/97
COLD SEAL ADHESIVES, COLD SEALABLE FILMS AND PACKAGES FORMED THEREWITH	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	07/559,844	11/20/95	5,616,400	04/01/97
COLD SEAL ADHESIVES, COLD SEALABLE FILMS AND PACKAGES FORMED THEREWITH	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/934,015	08/26/97	5,981,650	11/09/99
COMBINATION TIRE SIDEWALL PROTECTANT DISPENSER AND APPLICATOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/230,835	09/20/05	7,658,565	02/09/10

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COMBINED TIRE SIDEWALL PROTECTANT DISPENSER AND APPLICATOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/181697	05/14/03	D485033	01/06/04
COMPOSITE ROOF STRUCTURES PREPARED USING ONE-PART MOISTURE CURING POLYURETHANE FOAMING ADHESIVE COMPOSITIONS CONTAINING A REVERSIBLY BLOCKED CATALYST	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/664,052	09/16/03	RE39,764	08/14/07
COMPOSITION AND METHOD FOR PREVENTING LEAD INTOXICATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/255969	06/07/94	5478604	12/26/95
COMPOSITION FOR REMOVING DISSOLVED OXYGEN FROM A FLUID	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/927,844	08/09/01	6,669,853	12/30/03
COMPOUNDED UNSATURATED POLYESTER RESIN COMPOSITIONS WITH A REDUCED MONOMER CONTENT	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/807898	04/19/01	6583218	06/24/03
CONDUCTIVE MOLDING COMPOSITIONS AND ARTICLES MOLDED THEREFROM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/913,771	02/08/02	6,814,891	11/09/04
CONTROL OF BARIUM SULFATE SCALING	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/117014	04/05/02	6620328	09/16/03
COPOLYMERS FOR AVOIDING DEPOSITS IN WATER SUPPLY SYSTEMS, PRODUCTION AND USE THEREOF	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/517614	06/14/03	7547753	06/16/09
CORROSION INHIBITING COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/021730	10/29/01	6723257	04/20/04
CORROSION INHIBITING COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/215,218	08/08/02	6,613,249	09/02/03
CORROSION INHIBITING COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/624,444	07/22/03	6,982,062	01/03/06

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CORROSION INHIBITING COMPOSITIONS FOR AQUEOUS SYSTEMS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/317133	10/03/94	5578246	11/26/96
CROSSLINKABLE POLYMER-MODIFIED ASPHALT AND ITS METHOD OF PREPARATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/333330	06/15/99	6,057,390	05/02/00
CURABLE COMPOSITIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	07/923,420	08/03/92	5,250,608	10/05/93
CURABLE EPOXY VINYLESTER COMPOSITION HAVING A LOW PEAK EXOTHERM DURING CURE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/382028	02/10/95	6329475	12/11/01
DEVICE AND PROCESS FOR TREATING A LIQUID MEDIUM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/358,445	02/04/03	6,736,979	05/18/04
DEVICE AND PROCESS FOR TREATING A LIQUID MEDIUM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/838,945	05/03/04	7,267,778	09/11/07
DEVICE AND PROCESS FOR TREATING A LIQUID MEDIUM USING ULTRASOUND	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/533,679	11/04/03	7,632,413	12/15/09
DEVICE AND PROCESS FOR TREATING CUTTING FLUIDS USING ULTRASOUND	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/734,103	12/10/03	7,048,863	05/23/06
DEVICE AND PROCESS FOR TREATING CUTTING FLUIDS USING ULTRASOUND	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/371,819	03/09/06	7,404,906	07/29/08
DEVICES AND METHODS FOR TREATING COOLING FLUIDS UTILIZED IN TIRE MANUFACTURING	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/747079	05/10/07	7448859	11/11/08
DICAPPED UNSATURATED POLYESTER LAMINATING POLYESTER RESINS WITH REDUCED EMISSION LEVELS OF VOC'S	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/679,989	10/07/03	6,794,483	09/21/04

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DUAL CURE REACTION PRODUCTS OF SELF-PHOTOINITIATING MULTIFUNCTIONAL ACRYLATES WITH CYCLOALIPHATIC EPOXY COMPOUNDS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/712,044	11/14/03	7,041,749	05/09/06
DUAL CURE REACTION PRODUCTS OF SELF-PHOTOINITIATING MULTIFUNCTIONAL ACRYLATES WITH THIOLS AND SYNTHETIC METHODS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/628,373	07/29/03	7,169,825	01/30/07
ENGINE COOLANT REMOVAL AND REFILL METHOD AND DEVICE	ASHLAND OIL, INC. (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	08/097479	07/27/93	5511590	04/30/96
ENGINE COOLANT REMOVAL AND REFILL METHOD AND DEVICE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/311950	09/23/94	5673733	10/07/97
ENGINE COOLANT REMOVAL AND REFILL METHOD AND DEVICE	ASHLAND OIL, INC. (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	08/296260	08/25/94	5518047	05/21/96
ENGINE COOLANT REMOVAL AND REFILL METHOD AND DEVICE	ASHLAND OIL, INC. (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	08/639829	04/29/96	5649574	07/22/97
ENHANCERS FOR THERMOPLASTIC LOW PROFILE ADDITIVES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/334,546	11/08/94	5,504,151	04/02/96
ENHANCING THERMAL CONDUCTIVITY OF FLUIDS WITH GRAPHITE NANOPARTICLES AND CARBON NANOTUBE	ASHLAND INC. (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	10/730,762	12/08/03	7,348,298	03/25/08
EPOXY VINYL ESTER AND URETHANE VINYL ESTER DERIVED FROM LOW AND HIGH MW GLYCOLS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/918,111	08/27/97	6,350,826	02/26/02

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EXTENDED ENGINE COOLANT LIFETIME THROUGH POLYMERIC POLYCARBOXYLATE SECONDARY SILICATE STABILIZATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/781,848	01/10/97	6,203,719	03/20/01
FOAM CONTROL AGENTS FOR COATINGS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/100,528	03/18/02	6,579,908	06/17/03
FOAM CONTROL AGENTS FOR LATEX PAINTS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/143002	10/26/93	5510409	04/23/96
GALVANIZED METAL CORROSION INHIBITOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/287206	04/05/99	6458320	10/01/02
GEAR OIL COMPOSITION CONTAINING NANOMATERIAL	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/370118	03/07/06	7449432	11/11/08
HEAT AND RADIO FREQUENCY-CURABLE TWO-PACK SOY PROTEIN-BASED POLYURETHANE ADHESIVE COMPOSITIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/314420	05/18/99	6231985	05/15/01
HEAT AND RADIO FREQUENCY-CURABLE TWO-PACK SOY PROTEIN-BASED POLYURETHANE ADHESIVE COMPOSITIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/768,672	01/24/01	6,365,650	04/02/02
HEAT REACTIVATABLE ADHESIVE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/636,080	04/22/96	5,837,089	11/17/98
IMINE-CONTAINING CURATIVE FOR TWO COMPONENT POLYURETHANE STRUCTURAL ADHESIVES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/939,022	09/26/97	5,955,199	09/21/99
IMPROVED CORROSION INHIBITOR SYSTEM FOR AN INTERMEDIATE HEAT TRANSFER MEDIUM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	07/939,056	09/02/92	5,300,247	04/05/94

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INTEREIOR PROTECTANT/CLEANER COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/640440	12/15/06	7381250	06/03/08
INTERIOR PROTECTANT APPLICATOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/981,726	10/31/07	7,658,568	02/09/10
LIGHTWEIGHT PARTS MOLDED AT LOW PRESSURE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/802,965	03/12/01	6,521,162	02/18/03
LIQUID ABSORBENT COMPOSITION FOR NONWOVEN BINDER APPLICATIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/373729	01/17/95	5,693,707	12/02/97
LIQUID APPLICATOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/181628	05/14/03	D484656	12/30/03
LIQUID APPLICATOR HEAD	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/181627	05/14/03	D496511	09/21/04
LIQUID METAL CLEANER FOR AQUEOUS SYSTEM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/153,645	08/17/98	6,156,129	12/05/00
LIQUID OLIGOMERIC COMPOSITIONS CONTAINING ACRYLATE UNSATURATION AND POLYBUTADIENE SEGMENTS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/967,449	10/18/04	7,271,204	09/18/07
LIQUID OLIGOMERS CONTAINING ACRYLATE UNSATURATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/933,784	09/19/97	6,025,410	02/15/00
LIQUID OLIGOMERS CONTAINING UNSATURATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/933,811	09/19/97	5,945,489	08/31/99
LIQUID UNCROSSLINKED MICHAEL ADDITION OLIGOMERS PREPARED IN THE PRESENCE OF A CATALYST HAVING BOTH AN EPOXY MOIETY AND A QUARTERNARY SALT	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/255,541	09/26/02	6,706,414	03/16/04

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LOW PROFILE ADDITIVES FOR POLYESTER RESIN SYSTEMS BASED ON ASYMMETRIC GLYCOLS AND AROMATIC DIACIDS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/047,754	03/25/98	5,932,666	08/03/99
LOW PROFILE ADDITIVES FOR POLYESTER RESIN SYSTEMS BASED ON ASYMMETRIC GLYCOLS AND AROMATIC DIACIDS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/590,033	02/02/96	5,552,478	09/03/96
LOW-DENSITY THERMOSETTING SHEET MOLDING COMPOUNDS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/123,513	04/16/02	6,974,848	12/13/05
LUBRICANT ADDITIVE FORMULATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/836,083	11/03/95	6,034,038	03/07/00
LUBRICANT ADDITIVE FORMULATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/881,415	06/24/97	5,962,377	10/05/99
LUBRICANT AND ADDITIVE FORMULATION	ASHLAND, INC. (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	10/208,715	07/29/02	7,214,648	05/08/07
LUBRICANT AND ADDITIVE FORMULATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/206,852	07/26/02	6,774,091	08/10/04
METAL OXIDES DISPERSANT COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/340,318	01/10/03	7,204,937	04/17/07
METHOD AND APPARATUS FOR CONTROLLING THE RATE OF CHLORINE DIOXIDE GENERATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	07/709,010	05/31/91	5,227,306	07/13/93
METHOD AND APPARATUS FOR DETECTING MICROBIOLOGICAL FOULING IN AQUEOUS SYSTEMS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/538,304	10/02/95	5,576,481	11/19/96
METHOD AND APPARATUS FOR METERING A FLOW RATE OF A FLUID	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/852706	05/11/01	6644344	11/11/03

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METHOD AND DEVICE FOR TREATING A LIQUID MEDIUM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/214,398	08/27/99	6,540,922	04/01/03
METHOD FOR APPLICATION OF PRESSURE SENSITIVE ADHESIVE TO POROUS CARPET PAD	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/416668	04/05/95	6143118	11/07/00
METHOD FOR PRODUCING AN AQUEOUS ACRYLAMIDE SOLUTION WITH A BIOCATALYST	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/475100	04/25/02	7309590	12/18/07
METHOD FOR PRODUCING CATIONIC POLYELECTROLYTES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/529,406	09/29/98	6,410,610	06/25/02
METHOD FOR THE PRODUCTION OF WATER-IN-WATER POLYMER DISPERSIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/432,624	12/01/01	7,323,510	01/29/08
METHOD FOR TREATING AQUEOUS SLUDGE, MATERIAL SO PRODUCED AND THE USE THEREOF	STOCKHAUSEN GmbH (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	10/565,236	05/28/04	7,553,423	06/30/09
METHOD OF INHIBITING BIOFILM FORMATION IN INDUSTRIAL FLUIDS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/327,193	01/06/06	7,514,009	04/07/09
METHOD OF INHIBITING DOWNHOLE CORROSION OF METAL SURFACES	DREW CHEMICAL CORPORATION (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	08/431274	04/28/95	5590716	01/07/97
METHODS FOR MONITORING FOULING OF AQUEOUS SYSTEMS INCLUDING ENHANCED HEAT EXCHANGER TUBES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/393,823	03/31/06	7,594,430	09/29/09
MICROEMULSION CLEANERS AND THEIR USES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/099,209	07/29/93	5,401,326	03/28/95
MICROEMULSION CLEANERS HAVING DECREASED ODOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/732124	10/15/96	5723430	03/03/98

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MOISTURE CURABLE 100% SOLIDS ONE COMPONENT PLYWOOD ADHESIVE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/520,804	08/30/95	5,643,983	07/01/97
MOLDING COMPOSITION AND PROCESS FOR LOW PRESSURE MOLDING OF COMPOSITE PARTS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/282139	07/28/94	5521232	05/28/96
MONOCARBOXYLIC ACID BASED ANTIFREEZE COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/510,880	08/17/98	6,235,217	05/22/01
MONOCARBOXYLIC ACID BASED ANTIFREEZE COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/135,138	08/17/98	6,126,852	10/03/00
MONOCARBOXYLIC ACID BASED ANTIFREEZE COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/755,713	01/12/04	7,407,599	08/05/08
MONOCARBOXYLIC ACID BASED ANTIFREEZE COMPOSITION FOR DIESEL ENGINES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/513,323	02/25/00	6,290,870	09/18/01
MONOCARBOXYLIC ACID BASED ANTIFREEZE COMPOSITION FOR DIESEL ENGINES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/851,368	05/08/01	6,676,847	01/13/04
MOTOR OIL PERFORMANCE-ENHANCING FORMULATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/334,513	11/04/94	5,763,369	06/09/98
MOTOR OIL PERFORMANCE-ENHANCING FORMULATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/455,353	05/31/95	5,641,731	06/24/97
MULTIFUNCTIONAL ACRYLATE OLIGOMERS AS PIGMENT GRINDING VEHICLES FOR RADIATION-CURABLE INK APPLICATIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/682,875	10/14/03	7,252,709	08/07/07
MULTIFUNCTIONAL MACROMERS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/937,903	04/03/00	6,521,719	02/18/03

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NON-BRIDGED SINGLE ELECTRODE IMPEDANCE MEASUREMENT SYSTEM FOR DETERMING A CONDITION OF A DIELECTRIC ACCORDING TO IMPEDANCE RELATED CHANGES OVER A RANGE OF FREQUENCIES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/102,614	03/19/02	6,774,643	08/10/04
NOVEL CLOSED-LOOP PERFORMANCE-BASED CONTROL SYSTEM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/221,601	12/29/98	6,068,012	05/30/00
NOVEL LUBRICANT COMPOSITION FOR TRANSMISSION FLUIDS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/499,838	08/04/06	7,553,429	06/30/09
OIL AND GREASE RESISTANT COATING COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/798180	03/02/01	6746736	06/08/04
OLIGOMERS FROM MULTIFUNCTIONAL ACRYLATES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/269,947	10/15/02	6,878,845	04/12/05
ONE-PACKAGE STRUCTURAL ADHESIVE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/171,944	12/21/93	5,468,831	11/21/95
ON-LINE REMOVAL OF COPPER DEPOSITS ON STEAM TURBINE BLADES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/067090	02/04/02	6557348	05/06/03
PASTE WAX COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/879,715	07/18/07	7,503,964	03/17/09
PEELABLE AND EXPANDABLE POLYMERIC COATING	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/693,366	10/20/00	6,822,012	11/23/04
PEELABLE COATING COMPOSITION	ASHLAND INC. (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	10/400861	03/27/03	6964989	11/15/05
PEELABLE FOAM COATING COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/815,874	03/23/01	6,713,522	03/30/04

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PENETRATING LUBRICANT COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/189301	07/02/02	6919300	07/19/05
PENETRATING LUBRICANT COMPOSITION	ASHLAND CHEMICAL COMPANY (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	09/607,379	06/30/00	6,413,916	07/02/02
PERFORMANCE-BASED CONTROL SYSTEM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/610,146	02/29/96	5,855,791	01/05/99
PERFORMANCE-BASED CONTROL SYSTEM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/548,626	04/13/00	6,510,368	01/21/03
PHOSPHATE STABILIZING COMPOSITIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/737,534	12/15/00	6,503,400	01/07/03
PITCH CONTROL COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/584,967	01/11/96	5,702,644	12/30/97
PITCH CONTROL COMPOSITION	ASHLAND INC. (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	08/689,193	08/05/96	7,052,579	05/30/06
PITCH CONTROL COMPOSITION AND PROCESS FOR INHIBITING PITCH DEPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/432077	05/01/95	5618861	04/08/97
PITCH CONTROL COMPOSITION BASED ON BLEND OF DERIVATIZED CATIONIC GUAR AND STYRENE MALEIC ANHYDRIDE COPOLYMER	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/060725	04/15/98	6051160	04/18/00
PIVOTAL DISPENSING NOZZLE WITH DIVERTER SPRAY VALVE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/350161	01/23/03	6824025	11/30/04

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PLASTICIZER RESISTANT LATEX EMULSION PRESSURE SENSITIVE ADHESIVE AND ITS PRODUCTION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/597,188	06/20/00	6,420,023	07/16/02
POLYCARBOXYLATE-CONTAINING ANTIFREEZE/COOLANT ADDITIVE FOR REDUCING CORROSION IN HEAT REJECTING ALUMINUM	ASHLAND OIL, INC. ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	07/734,721	07/23/91	5,320,771	06/14/94
POLYESTER-BASED DIMETHACRYLATES DESIGNED FOR LAMINATING APPLICATIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/274,589	10/21/02	6,986,948	01/17/06
POLYESTER-POLYETHER HYBRID URETHANE ACRYLATE OLIGOMER FOR UV CURING PRESSURE SENSITIVE ADHESIVES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/832,871	04/27/04	7,166,649	01/23/07
POLYMER COMPOSITE AND A METHOD FOR ITS PREPARATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/062915	04/20/98	6287992	09/11/01
POLYMERIZATE COMPOSITION AND A METHOD FOR PRODUCING THE SAME	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/069721	08/02/00	7335709	02/26/08
POLYUREAURETHANE PRIMERLESS ADHESIVE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/332,625	10/31/94	5,548,056	08/20/96
POLYURETHANE REACTION SYSTEM HAVING A BLOCKED CATALYST COMBINATION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/321,460	10/11/94	6,348,121	02/19/02
PRE-MOISTENED FLUSHABLE TOWELETTE IMPREGNATED WITH POLYVINYL ALCOHOL BINDERS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	07/919,513	07/24/92	5,252,332	10/12/93
PREPARATION OF RESINS FROM PHENOLIC COMPOUNDS AND OXAZOLINES USING AMMONIUM OR PHOSPHONIUM SALT CATALYSTS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/038417	03/29/93	5302687	04/12/94

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PREPARATION OF STABLE NANOTUBE DISPERSIONS IN LIQUIDS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/021767	12/12/01	6783746	08/31/04
PRESSURE SENSITIVE ADHESIVE WITH ENHANCED ADHESION TO LOW SURFACE ENERGY SUBSTRATES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/086,101	06/30/93	5,434,213	07/18/95
PRESSURE SENSITIVE ADHESIVES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/436,780	05/13/03	6,861,152	03/01/05
PRESSURE-SENSITIVE FLAME RETARDANT ADHESIVE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC AND LUCENT TECHNOLOGIES (Dual ownership)	08/974,914	11/20/98	6,114,426	09/05/00
PRIMERLESS URETHANE ADHESIVE COMPOSITIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/299,790	09/01/94	5,606,003	02/25/97
PROCESS AND APPARATUS FOR IMPROVING AND CONTROLLING THE CURING OF NATURAL AND SYNTHETIC MOLDABLE COMPOUNDS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/077,915	03/11/05	7,167,773	01/23/07
PROCESS AND COMPOSITION FOR REMOVING PRECIOUS METALS FROM ACTIVATED CARBON	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/457592	12/09/99	6238632	05/29/01
PROCESS FOR CONTROLLING CURING AND THERMOFORMING OF RESINS AND COMPOSITES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	07/790,442	11/12/91	5,219,498	06/15/93
PROCESS FOR CONTROLLING THE DEPOSITION OF PITCH WITH A BLEND OF DERIVATIZED CATIONIC GUAR AND STYRENE MALEIC ANHYDRIDE COPOLYMER	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/692829	07/30/96	5744003	04/28/98
PROCESS FOR DIGESTING WOODCHIPS AND DIGESTER ADDITIVES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/377,527	02/28/03	6,649,023	11/18/03

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PROCESS FOR DIGESTING WOODCHIPS AND DIGESTER ADDITIVES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/917,868	07/26/01	6,551,452	04/22/03
PROCESS FOR DIGESTING WOODCHIPS WITH A SULTAINE AND A POLYGLYCOSIDE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/915750	07/26/01	6740199	05/25/04
PROCESS FOR DISPERSING IRON OXIDE IN STEAM GENERATING BOILERS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/183428	10/30/98	6337047	01/08/02
PROCESS FOR INCREASING THE SYSTEM THERMAL CAPABILITY OF A SPLASH FILLED COOLING TOWER	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/417041	04/04/95	5565019	10/15/96
PROCESS FOR INHIBITING SCALE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/147660	05/16/02	6858180	02/22/05
PROCESS FOR INHIBITING SCALE AND FOULING ON THE METAL SURFACES EXPOSED TO AN AQUEOUS SYSTEM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/198,781	07/18/02	6,797,177	09/28/04
PROCESS FOR INHIBITING THE SETTLEMENT OF POST-VELIGER ZEBRA MUSSELS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/841087	04/29/97	6106730	08/22/00
PROCESS FOR PREPARING POLYESTER RESINS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/599236	06/22/00	6222005	04/24/01
PROCESS FOR PREPARING POLYESTER RESINS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/449913	12/02/99	6107446	08/22/00
PROCESS FOR REDUCING CONTAMINANTS IN CONDENSATE RESULTING FROM THE CONVERSION OF BAUXITE TO ALUMINA	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/143,914	06/02/05	7,264,729	09/04/07
PROCESS FOR REDUCING THE POPULATION OF BACTERIA IN CONTAMINATED AQUEOUS SYSTEMS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/399691	02/27/95	5562835	10/08/96

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PROCESS FOR REMOVING CARBON DEPOSITS USING MICROEMULSION CLEANERS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/099,997	07/29/93	5,401,325	03/28/95
PROCESS FOR REMOVING RUST FROM METAL SURFACES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/952,489	09/14/01	6,514,350	02/04/03
PROCESS FOR SAFELY DECONTAMINATING THE CHILL WATER USED IN MEAT PROCESSING	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/693,812	10/24/03	7,244,365	07/17/07
PROCESS FOR THE PREPARATION OF DICYCLOPENTADIENE MODIFIED POLYESTER RESINS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/152,714	05/22/02	6,515,071	02/04/03
PROCESS FOR TREATING AN AQUEOUS SYSTEM WITH CHLORINE DIOXIDE	Edward S. Beardwood, inventor (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	11/269156	11/08/05	7261821	08/28/07
PROCESS TO PREPARE PRESSURE-SENSITIVE HYBRID COMPOSITE LATEX ADHESIVES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/262,429	09/30/02	6,747,084	06/08/04
RADIATION CURABLE LAMINATING ADHESIVES BASED ON CYCLOALIPHATIC CARBOXYLIC ACID FUNCTIONAL MONOMERS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/029,412	01/06/05	6,989,407	01/24/06
RADIATION CURABLE MICHAEL ADDITION RESINS HAVING BUILT-IN PHOTOINITIATORS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/109,478	04/19/05	7,524,565	04/28/09
RADIATION=CURED, LAMINATED FLEXIBLE PACKAGING MATERIAL	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/347,463	01/21/03	6,908,665	06/21/05
RADIATION-CURABLE COATINGS FOR METAL SUBSTRATES FROM MULTIFUNCTIONAL ACRYLATE OLIGOMERS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/117,304	04/29/05	7,407,707	08/05/08

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RADIATION-CURABLE COATINGS FOR PLASTIC SUBSTRATES FROM MULTIFUNCTIONAL ACRYLATE OLIGOMERS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/836,747	05/02/04	7,232,540	06/19/07
RADIATION-CURABLE HIGH GLOSS OVERPRINT VARNISH COMPOSITIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/974,948	10/17/07	7,504,441	03/17/09
RADIATION-CURABLE INKS FOR FLEXOGRAPHIC AND SCREEN-PRINTING APPLICATIONS FROM MULTIFUNCTIONAL ACRYLATE OLIGOMERS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/682,874	10/14/03	7,291,658	11/06/07
RADIATION-CURABLE LITHOGRAPHIC INKS FROM MULTIFUNCTIONAL ACRYLATE OLIGOMERS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/835,058	04/30/04	7,214,725	05/08/07
RADIATION-CURED LAMINATE LABEL	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/348,662	07/06/99	6,472,056	10/29/02
RADIATION-CURED, LAMINATED FLEXIBLE PACKAGING MATERIAL	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/253,810	09/25/02	6,720,050	04/13/04
RADIATION-CURED, LAMINATED FLEXIBLE PACKAGING MATERIAL AND RADIATION-CURABLE, ADHESIVE COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/123,231	05/06/05	7,294,658	11/13/07
RAPID COOLING SYSTEM CLEANING FORMULATIONS	ASHLAND OIL, INC. (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	07/980,852	11/24/92	5,342,537	08/30/94
REACTIVE HOT METAL ADHESIVE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/257,827	02/25/99	6,274,674	08/14/01
REDUCTION OF FREE FORMALDEHYDE IN ALDEHYDE RESINS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/735,284	12/12/00	6,362,275	03/26/02
ANTIOXIDANT GRAFTED POLYSACCHARIDES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/238,850	01/28/99	6,207,079	03/27/01

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SCALE CORROSION INHIBITING COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/630,673	08/01/00	6,464,900	10/15/02
SCALE INHIBITOR FOR AN AQUEOUS SYSTEM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/156,990	05/29/02	6,846,452	01/25/05
SELF-PHOTOINITIATING MULTIFUNCTIONAL ACRYLATES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/974,819	10/12/01	6,673,851	01/06/04
SHEAR THINNING VINYL ACETATE BASED POLYMER LATEX COMPOSITION, ESPECIALLY FOR ADHESIVES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/035373	10/19/01	6,794,466	09/21/04
SHOCK ABSORBER FLUID COMPOSITION CONTAINING NANOSTRUCTURES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/966825	10/15/04	7470650	12/30/08
SIGN	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/092964	08/31/98	D415207	12/12/99
SIGN	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/092734	08/26/98	D420053	02/01/00
SILICONE BASED DEFOAMER	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/599,134	06/22/00	6,426,379	07/30/02
SOFT COATING COMPOSITIONS FOR METALS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/081,438	06/21/93	5,338,346	08/16/94
SPRAY WAX COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/640483	12/15/06	7393401	07/01/08
STABLE MICROEMULSION CLEANERS HAVING LOW VOLATILE ORGANIC CONTENT	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/835865	04/08/97	5972874	10/26/99
STRUCTURAL MODIFIED EPOXY ADHESIVE COMPOSITIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/793070	02/26/01	6572971	06/03/03

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STYRENE SOLUBLE UNSATURATED POLYESTER RESIN FROM POLYETHYLENE TEREPHTHALATE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/091488	07/13/93	5380793	01/10/95
SULFONIC ACID BLOCKED METAL CATALYSIS FOR AMINO TRIGGER URETHANE REACTIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/686845	08/01/96	5849864	12/15/98
SUSTAINED RELEASE AIR FRESHENING DEVICE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/967,448	10/18/04	7,651,763	01/26/10
SYNERGISTIC IMPROVEMENT IN VINYL ESTER RESIN SHELF LIFE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/831,104	04/01/97	5,861,466	01/19/99
THERMOSET CROSSLINKABLE PRE-APPLIED ADHESIVE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/835,629	04/09/97	5,965,646	10/12/99
THERMOSETTING INORGANIC CLAY NANODISPERSIONS AND THEIR USE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/120,181	04/10/02	6,887,931	05/03/05
THERMOSETTING INORGANIC CLAY NANODISPERSIONS AND THEIR USE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/288015	11/05/02	6841607	01/11/05
TIRE PROTECTANT APPLICATOR	EAGLE 1 INDUSTRIES (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	08/963526	11/03/97	5896616	04/27/99
TIRE PROTECTANT APPLICATOR	EAGLE 1 INDUSTRIES (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	09/249207	02/12/99	5987694	11/23/99
TIRE SIDEWALL PROTECTANT DISPENSER AND APPLICATOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/181631	05/14/03	D496766	09/28/04
TIRE SIDEWALL PROTECTANT DISPENSER AND APPLICATOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	29/181626	05/14/03	D496510	09/21/04
TWO-COMPONENT PRIMERLESS MODIFIED URETHANE ADHESIVE FOR POWDER COATINGS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	07/877,940	05/04/92	5,354,609	10/11/94

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TWO-COMPONENT PRIMERLESS MODIFIED URETHANE ADHESIVE FOR POWDER COATINGS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	07/805,255	12/09/91	5,175,228	12/29/92
TWO-COMPONENT, PRIMERLESS, ORGANIC PHOSPHORUS CONTAINING POLYURETHANE ADHESIVE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/055,406	04/29/93	5,340,901	08/23/94
TWO-PART POLYURETHANE ADHESIVES FOR STRUCTURAL FINGER JOINTS AND METHOD THEREFOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/988,236	11/19/01	6,632,873	10/14/03
TWO-PART POLYURETHANE ADHESIVES FOR STRUCTURAL FINGER JOINTS AND METHOD THEREFOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	12/177,235	07/22/08	7,655,312	02/02/10
TWO-PART POLYURETHANE ADHESIVES FOR STRUCTURAL FINGER JOINTS AND METHOD THEREFOR	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/626,387	07/24/03	7,419,724	09/02/08
UNSATURATED POLYESTER RESIN AND THE USE OF IT	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/806,337	03/29/01	6,489,406	12/03/02
USE OF AGENTS IN THE MANUFACTURE OF PULP AND PAPER	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/647,656	05/15/96	5,863,385	01/26/99
UV CURABLE OLIGOMERIC ADHESIVE COMPOSITIONS SUITABLE FOR USE IN FLEXIBLE PACKAGING APPLICATIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/217,345	08/12/02	7,105,207	09/12/06
UV POST CURABLE PRESSURE SENSITIVE ADHESIVES FOR MEMBRANE SWITCH APPLICATIONS AND THEIR PRODUCTION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/633,509	08/07/00	6,342,122	01/29/02
VARIABLE TRANSMISSION TRACTION FLUID COMPOSITION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/499,910	08/04/06	7,645,395	01/12/10
VINYL ACETATE BASED POLYMER LATEX COMPOSITION, ESPECIALLY FOR ADHESIVES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/690,422	10/17/00	6,552,115	04/22/03

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WATER BORNE PRESSURE SENSITIVE ADHESIVE COMPOSITIONS DERIVED FROM COPOLYMERS OF HIGHER VINYL ESTERS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/243,776	02/03/99	6,426,151	07/30/02
WATER BORNE PRESSURE SENSITIVE ADHESIVE COMPOSITIONS DERIVED FROM COPOLYMERS OF HIGHER VINYL ESTERS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/748,216	11/12/96	6,084,024	07/04/00
WATER DISPERSIBLE TOWELETTE IMPREGNATED WITH NON-AQUEOUS LOTION FORMULATIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	07/830045	01/31/92	5256417	10/26/93
WATER REPELLENT GLASS TREATMENT FOR AUTOMOTIVE APPLICATIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/607380	06/30/00	6461537	10/08/02
WATER SOLUBLE POLYMER DISPERSIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/059966	05/13/93	5403883	04/04/95
WATER SOLUBLE, POWDERED, CATIONIC POLYELECTROLYTE COMPRISING A COPOLYMER OF ACRYLAMIDE AND DIMETHYLAMINOPROPYLACRYLAMIDE ESSENTIALLY FREE OF BIFUNCTIONAL COMPOUNDS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/863999	05/27/97	6228964	05/08/01
WATER-BORNE ACRYLIC EMULSION PRESSURE SENSITIVE LATEX ADHESIVE COMPOSITION	ASHLAND INC. (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	08/171,196	12/21/93	5,416,134	05/16/95
WATER-BORNE ACRYLIC EMULSION PRESSURE-SENSITIVE ADHESIVE COMPOSITIONS CONTAINING MULTIFUNCTIONAL MONOMER HAVING IMPROVED STABILITY AND REMOVABILITY	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/589,769	01/22/96	5,763,555	06/09/98
WATERBORNE COATING COMPOSITIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/678000	07/10/96	5824734	10/20/98

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WATERBORNE HYDROPHOBIC BARRIER COATINGS DERIVED FROM COPOLYMERS OF HIGHER VINYL ESTERS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/621769	07/17/03	7,332,450	02/19/08
WATER-WHITENING RESISTANT LATEX EMULSION PRESSURE SENSITIVE ADHESIVE AND ITS PRODUCTION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/567,855	05/09/00	6,359,092	03/19/02
WAX COMPOSITION FOR APPLICATION TO WET SURFACES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/450,715	06/09/06	7,381,249	06/03/08
WHEEL AND TIRE CLEANER COMPOSITION COMPRISING AN ETHOXYLATED QUATERNARY AMMONIUM SURFACTANT	ASHLAND INC. (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	10/706528	11/12/03	7119053	10/10/06
WHEEL CLEANING DEVICE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/761019	01/16/01	6470526	10/29/02
BIOCIDAL COMPOSITIONS AND USE THEREOF CONTAINING A SYNERGISTIC MIXTURE OF GLUTARALDEHYDE AND 2,2-DIBROMO-3-NITRILOPROPIONAMIDE	HERCULES INCORPORATED	09/617417	07/17/00	6369104	04/09/02
2-OXETANONE ALKALINE SIZING AGENTS MADE FROM LINOLEIC ACID AND THEIR USE IN PAPER	HERCULES INCORPORATED	09/224108	12/22/98	6197417	03/06/01
2-OXETANONE LIQUID ALKALINE SIZE FOR PAPER COMPRISING MIXTURE OF REACTION PRODUCTS OF UNSATURATED AND SATURATED ACIDS	HERCULES INCORPORATED	08/439057	05/08/95	5725731	03/10/98
A CATIONIC POLYMER COMPOSITION AND ITS USE IN CONDITIONING APPLICATIONS	HERCULES INCORPORATED	10/407660	04/04/03	7067499	06/27/06
ADHESIVES AND RESIN, AND PROCESSES FOR THEIR PRODUCTION	HERCULES INCORPORATED	09/008079	01/16/98	6146497	11/14/00

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ALKALINE PAPER SURFACE SIZING AGENTS, METHOD OF USE AND SURFACE SIZED PAPER	HERCULES INCORPORATED	08/996855	12/23/97	6048392	04/11/00
ALKALINE PAPER SURFACE SIZING AGENTS, METHOD OF USE AND SURFACE SIZED PAPER	HERCULES INCORPORATED	09/436342	11/08/99	6325893	12/04/01
ANIONIC CO-POLYMERS PREPARED IN AN INVERSE EMULSION MATRIX AND THEIR USE IN PREPARING CELLULOSIC FIBER COMPOSITIONS	HERCULES INCORPORATED	10/313632	12/06/02	7250448	07/31/07
ANIONIC SULFONATE SURFACTANTS IN THE WASHING AND PULPING OPERATION	HERCULES INCORPORATED	08/132076	10/05/93	5464502	11/07/95
ANTIFOAM COMPOSITION FOR AQUEOUS SYSTEMS	HERCULES INCORPORATED	08/332281	10/31/94	5460698	10/24/95
ANTIFOAM/DEFOAMER COMPOSITION & METHOD OF USE THEREOF IN AQUEOUS SYSTEMS	HERCULES INCORPORATED	07/775673	10/11/91	5283002	02/01/94
ANTIOXIDANT GRAFTED ACIDS OR SALTS OF POLYSACCHARIDES COMPOSITION, METHOD OF MAKING AND UTILITY IN MEDICAL, COSMECTIC AND PHARMACEUTICAL PRODUCTS	HERCULES INCORPORATED	08/493854	06/22/95	5612321	03/18/97
APPARATUS FOR DISSOLVING DRY POLYMER	HERCULES INCORPORATED	08/029210	03/10/93	5344619	09/06/94
APPARATUS FOR SIMULTANEOUSLY GENERATING MEASURING A TRIBOELECTRIC CHARGE	HERCULES INCORPORATED	07/894327	06/04/92	5341103	08/23/94

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AQUEOUS COMPOSITION COMPRISING CATIONIC POLYAMINOAMIDE-EPICHLOROHYDRIN PREPARED BY ACID-CATALYZED REACTION AND TWO-TEMPERATURE-STAGE REACTION WITH EPICHLOROHYDRIN	HERCULES INCORPORATED	08/487782	06/07/95	5644021	07/01/97
AQUEOUS DISPERSION OF POLY (ACETYL-POLYETHER) AND ITS USE IN PROTECTIVE COATINGS	HERCULES INCORPORATED	11/269329	11/08/05	7531591	05/12/09
AQUEOUS STABILIZED ISOTHIAZOLONE BLENDS	HERCULES INCORPORATED	08/396940	03/01/95	5512213	04/30/96
AQUEOUS SYSTEMS COMPRISING AN IONIC POLYMER AND A VISCOSITY PROMOTER, PROCESSES FOR THEIR PREPARATION, AND USES THEREOF	HERCULES INCORPORATED	09/309289	05/11/99	6359040	03/19/02
AZETIDINIUM POLYMERS FOR IMPROVING WET STRENGTH OF PAPER	HERCULES INCORPORATED	08/347921	12/01/94	5510004	04/23/96
BIOCIDAL COMPOSITIONS & USE THEREOF	HERCULES INCORPORATED	07/839984	02/20/92	5158972	10/27/92
BIOCIDAL SYNERGY	HERCULES INCORPORATED	10/266509	10/08/02	7008545	03/07/06
BIOSENSOR/DEPOSIT SENSOR FOR MONITORING BIOFILM AND OTHER DEPOSITS	HERCULES INCORPORATED	09/657341	09/07/00	6405582	06/18/02
CALCIUM CARBONATE SCALE CONTROLLING METHOD	HERCULES INCORPORATED	08/528460	09/14/95	5562830	10/08/96
CARBOXYMETHYL CELLULOSE OF SPECIFIED DEGREE OF SUBSTITUTION AND DEGREEOF POLYMERIZATION AS REPLACEMENT FOR MICA AND CLAY IN JOINT CEMENTS	AQUALON COMPANY (HERCULES INCORPORATED)	07/508563	04/13/90	5382287	01/17/95

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CATIONIC OR AMPHOTERIC CO-POLYMERS PREPARED IN AN INVERSE EMULSION MATRIX AND THEIR USE IN PREPARIG CELLULOSIC FIBER COMPOSITIONS (10172)	HERCULES INCORPORATED	10/728145	12/04/03	7396874	07/08/08
CATIONIC RESINS BASED ON POLYAMINES AS STABILIZER IN ROSIN PAPER SIZE AND DRAINAGE AIDS	HERCULES INCORPORATED	08/754355	11/22/96	5912306	06/15/99
CATIONIC STARCH/CATIONIC GALACTOMANNAN GUM BLENDS AS STRENGTH AND DRAINAGE AIDS	HERCULES INCORPORATED	09/207895	11/23/98	6217709	04/17/01
CELLULOSE PRODUCTS AND PROCESSES FOR PREPARING THE SAME	HERCULES INCORPORATED	09/459891	12/14/99	6379501	04/30/02
COACERVATE STABILIZER SYSTEM FOR NON-ROSIN SIZING COMPOSITION	HERCULES INCORPORATED	09/207834	12/07/98	6315824	11/13/01
COLORANT COMPATIBLE SYNTHETIC THICKENER FOR PAINT	HERCULES INCORPORATED	11/031187	01/07/05	7550542	06/23/09
COMPOSITION FOR INHIBITING MICROBIAL ADHESION ON SURFACES	HERCULES INCORPORATED	08/993085	12/09/97	5942219	08/24/99
COMPOSITIONS (& METHODS) FOR INHIBITING THE DEPOSITION OF ORGANIC CONTAMINANTS IN PULP & PAPER	HERCULES INCORPORATED	08/907325	08/06/97	5866618	02/02/99
COMPOSITIONS (& METHODS) FOR INHIBITING THE DEPOSITION OF ORGANIC CONTAMINANTS IN PULP & PAPER	HERCULES INCORPORATED	08/932136	09/16/97	5952394	09/14/99
COMPOSITIONS AND METHODS FOR INHIBITING ORGANIC CONTAMINANT DEPOSITION IN PULP & PAPERMAKING SYSTEMS	HERCULES INCORPORATED	09/016180	01/30/98	6143800	11/07/00
COMPOSITIONS AND METHODS FOR PREPARING DISPERSIONS AND METHODS FOR USING THE DISPERSIONS	HERCULES INCORPORATED	09/184458	10/28/98	6123760	09/26/00

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COMPOSITIONS AND PROCESS FOR MAKING POLYALKANOLAMIDE TACKIFYING RESINS FOR CREPING ADHESIVE AND USE FOR CREPING FIBROUS WEBS	HERCULES INCORPORATED	08/891199	07/10/97	6133405	10/17/00
COMPOSITIONS FOR IMPARTING DESIRED PROPERTIES TO MATERIALS	HERCULES INCORPORATED	09/613425	07/10/00	7317053	01/08/08
CONCENTRATED HIGH FLASH POINT SURFACTANT COMPOSITIONS	HERCULES INCORPORATED	08/182814	01/14/94	5415798	05/16/95
CONTINUOUS PRODUCTION OF PIGMENTED AQUEOUS LATEX COATING COMPOSITION USING AQUEOUS SALT SUSPENSION OF NONIONIC OR HYDROPHOBICALLY MODIFIED CELLULOSE ETHER	HERCULES INCORPORATED	08/235056	04/29/94	5521234	05/28/96
CREPING ADHESIVE CONTAINING OXAZOLINE POLYMER	HERCULES INCORPORATED	08/457590	06/01/95	5602209	02/11/97
CREPING ADHESIVE CONTAINING POLYAMIDE	HERCULES INCORPORATED	08/595939	02/06/96	5633309	05/27/97
CREPING ADHESIVES AND METHODS OF MAKING AND USING CREPING ADHESIVES COMPRISED OF POLYAMINE-EPIHALOHYDRIN RESIN/POLY(VINYLALOCOHOL) MIXTURES	HERCULES INCORPORATED	10/191952	07/09/02	6808597	10/26/04
CREPING ADHESIVES CONTAINING OXAZOLINE POLYMERS AND METHODS OF USE THEREOF	HERCULES INCORPORATED	09/138413	08/24/98	5980690	11/09/99
CREPING ADHESIVES MADE FROM AMINE-TERMINATED POLAMIDOAMINES	HERCULES INCORPORATED	12/016494	01/18/08	7943705	05/17/11
CREPING ADHESIVES OBTAINED BY THE REACTION OF POLYAMIDE AND POLYVINYL ALCOHOL WITH EPICHLOROHYDRIN	HERCULES INCORPORATED	09/224113	12/29/98	6214932	04/10/01

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CREPING AID	HERCULES INCORPORATED	07/855808	03/23/92	5234547	08/10/93
DEFOAMER COMPOSITION	HERCULES INCORPORATED	08/334610	11/04/94	5523019	06/04/96
DEHALOGENATION OF ORGANOHALOGEN-CONTAINING COMPOUNDS	HERCULES INCORPORATED	08/243492	05/16/94	5470742	11/28/95
DEHALOGENATION OF POLYAMINE-EPIHALOHYDRIN RESIN USING MICROORGANISM(S)OR ENZYME DERIVED THEREFROM AND PROCESS OF MAKING PAPER	HERCULES INCORPORATED	08/482398	06/07/95	5972691	10/26/99
DEPOSITION SENSING METHOD AND APPARATUS	HERCULES INCORPORATED	08/461073	06/05/95	5646338	07/08/97
DERIVATIZED MICROFIBRILLAR POLYSACCHARIDE	HERCULES INCORPORATED	09/248246	02/10/99	6602994	08/05/03
DISPERSIBLE WATER SOLUBLE POLYMERS	HERCULES INCORPORATED	09/209372	12/04/98	6197100	03/06/01
DISPERSIBLE WATER-SOLUBLE OR WATER SWELLABLE POLYMERS AND PROCESS FOR MAKING TOOTHPASTES CONTAINING THEM	HERCULES INCORPORATED	08/668181	06/21/96	5869029	02/09/99
DRY-STRENGTH ENHANCING COMPOSITION COMPRISING ANIONIC GUM DERIVATIVE, CATIONIC POLYMER AND CATIONIC WET-STRENGTH RESIN AND PROCESS TO IMPROVE PAPER STRENGTH	HERCULES INCORPORATED	08/483616	06/07/95	5633300	05/27/97
DRY-STRENGTH RESIN SYSTEMS FOR PAPER COMPRISING CATIONIC AND ANIONIC COMPONENTS AND PROCESS FOR INCORPORATING THESE RESIN SYSTEMS INTO PAPER AND PAPER PRODUCED	HERCULES INCORPORATED	08/900805	07/25/97	6294645	09/25/01

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EMULSIFIER SYSTEM FOR ROSIN SIZING AGENTS	HERCULES INCORPORATED	09/046019	03/18/98	5846308	12/08/98
ENHANCEMENT OF PAPER DRY STRENGTH WITH (1) ANIONIC GUM DERIVATIVE AND (2) CATIONIC POLYMER, OPTIONALLY INCLUDING CATIONIC WET-STRENGTH RESIN	HERCULES INCORPORATED	07/929554	08/14/92	5318669	06/07/94
ENHANCEMENT OF PAPER DRY STRENGTH WITH COMBINATION OF ANIONIC GUAR DERIVATIVE AND CATIONIC GUAR OR CATIONIC ACRYLAMIDE COPOLYMER	HERCULES INCORPORATED	07/812534	12/23/91	5338407	08/16/94
ENVIRONMENTALLY ACCEPTABLE FLUID POLYMER SUSPENSION FOR OIL FIELD SERVICES	HERCULES INCORPORATED	09/717884	11/21/00	6620769	09/16/03
ENZYME-CATALYZED POLYAMIDES AND COMPOSITIONS AND PROCESSES OF PREPARING AND USING THE SAME	HERCULES INCORPORATED	09/592730	06/13/00	6677427	01/13/04
ENZYMES APPLIED CONTINUOUSLY TO REDUCE DOWN TIME FOR BATCH CLEANING AND TO INCREASE EFFECTIVE LIFE OR PRESS FELT	HERCULES INCORPORATED	10/412512	04/11/03	7306702	12/11/07
ENZYMES APPLIED CONTINUOUSLY TO REDUCE DOWN TIME FOR BATCH CLEANING AND TO INCREASE EFFECTIVE LIFE OR PRESS FELT	HERCULES INCORPORATED	12/001103	12/10/07	7578904	08/25/09
ESTERIFIED POLYSACCHARIDE PRODUCTS AND B-LACTONE RING OPENED KETEME DIMER PRODUCTS CONTAINING THE COMPOSITIONS, AND PROCESS OF MAKING THE SAME	HERCULES INCORPORATED	09/564575	05/05/00	6528643	03/04/03

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ESTERIFIED POLYSACCHARIDE PRODUCTS AND B-LACTONE RING OPENED KETEME DIMER PRODUCTS CONTAINING THE COMPOSITIONS, AND PROCESS OF MAKING THE SAME	HERCULES INCORPORATED	10/068501	02/06/02	6624298	09/23/03
ETHOXYLATED RAW COTTON LINTERS FOR COMPLETION AND WORKOVER FLUIDS	HERCULES INCORPORATED	11/709183	02/21/07	7622427	11/24/09
FELT AND EQUIPMENT SURFACE CONDITIONER	HERCULES INCORPORATED	11/472754	06/22/06	7534324	05/19/09
FELT CONDITIONER FOR DEINKED RECYCLED NEWSPRINT PAPERMAKING SYSTEMS	HERCULES INCORPORATED	08/404771	03/15/95	5575893	11/19/96
FLEXURAL BOND STRENGTH/LOW AIR WORKABILITY ADDITIVE FOR MORTAR CEMENT	HERCULES INCORPORATED	09/121613	07/20/98	6068696	05/30/00
FLUID SUSPENSION OF POLYSACCHARIDES FOR PERSONAL CARE AND HOUSEHOLD APPLICATIONS	AQUALON COMPANY (HERCULES INCORPORATED)	08/168895	12/17/93	6025311	02/15/00
FLUIDIZED POLYMER SUSPENSION OF HYDROPHOBICALLY MODIFIED POLY(ACETAL- OR KETAL-POLYETHER), POLYURETHANE AND POLYACRYLATE	HERCULES INCORPORATED	08/953140	10/17/97	6433056	08/13/02
FLUIDIZED POLYMER SUSPENSIONS OF CATIONIC POLYSACCHARIDES IN EMOLLIENTS AND USE THEREOF IN PREPARING PERSONAL CARE COMPOSITIONS	HERCULES INCORPORATED	09/200350	11/20/98	6113891	09/05/00
FLUIDIZED POLYMER SUSPENSIONS OF CATIONIC POLYSACCHARIDES IN POLYOLS AND USE THEREOF IN PREPARING PERSONAL CARE COMPOSITIONS	HERCULES INCORPORATED	08/974189	11/19/97	6093769	07/25/00

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FUNGICIDAL METHOD	HERCULES INCORPORATED	09/543733	04/05/00	6428654	08/06/02
HIGHLY BRANCHED INTRALINKED POLYAMIDOAMINES PREPARED FROM LOW MOLECULAR WEIGHT ENDCAPPED POLYAMIDOAMINE PREPOLYMERS	HERCULES INCORPORATED	08/634226	04/18/96	5786429	07/28/98
HIGHLY BRANCHED POLYUAMIDOAMINES AND THEIR PREPARATION	HERCULES INCORPORATED	09/017857	02/03/98	5902862	05/11/99
HIGHLY COMPRESSIBLE ETHYLCELLULOSE FOR TABLETING	HERCULES INCORPORATED	09/977785	10/15/01	6592901	07/15/03
HIGH-SOLIDS CATIONIC RESIN PREPARATION BY ACID-CATALYZED REACTION OF DICARBOXYLIC ACID AND POLYAMINE, AND TWO-TEMPERATURE-STAGE REACTION WITH EPICHLOROHYDRIN	HERCULES INCORPORATED	08/695258	08/09/96	5668246	09/16/97
HYDROPHOBICALLLY MODIFIED COMB COPOLYMERS	HERCULES INCORPORATED	09/209373	12/04/98	6162877	12/19/00
HYDROPHOBICALLY MODIFIED POLYMERS IN PERSONAL CARE PRODUCTS	HERCULES INCORPORATED	08/855779	05/12/97	6905694	06/14/05
IMPROVED INVERSION OF INVERSE EMULSION	HERCULES INCORPORATED	11/011985	12/14/04	7429625	09/30/08
IMPROVED POLYALKYLDIALLYLAMINE-EPICHLOROHYDRIN RESINS AS WET-STRENGTH PAPERMAKING ADDITIVE	HERCULES INCORPORATED	10/336468	01/03/03	6906133	06/14/05
IMPROVED POLYMER SOLUTION FOR IMPROVING SIZING PAPER	HERCULES INCORPORATED	07/972338	11/06/92	5290849	03/01/94
JOINT COMPOUND THICKENER COMPRISING (1) UNBORATED HYDROXYPROPYL GUAR OR BORATE COMPLEXED HYDROXYPROPYL GUAR AND (2) OPTIONALLY CELLULOSE ETHER	AQUALON COMPANY (HERCULES INCORPORATED)	08/251160	05/31/94	5512616	04/30/96

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JOINT COMPOUNDS USING THICKENERS PREPARED FROM RAW COTTON LINTERS	HERCULES INCORPORATED	11/113476	04/25/05	7066996	06/27/06
LOW VOC HAIR SPRAYS CONTAINING CELLULOSE ETHERS	HERCULES INCORPORATED	08/854049	05/09/97	5804166	09/08/98
MAKING WATER-SOLUBLE EPICHLOROHYDRIN MODIFIED POLYAMINES AND POLYAMINOPOLYAMIDES USING SPECIFIED EPI/AMINE RATION AND STAGED REACTION TEMP FOR AOX CONTROL	HERCULES INCORPORATED	08/217084	03/24/94	5714552	02/03/98
METHOD & COMPOSITION FOR CONTROLLING THE GROWTH OF MICROORGANISMS	HERCULES INCORPORATED	08/183550	01/19/94	5416122	05/16/95
METHOD & COMPOSITION FOR INHIBITING MICROBIAL ADHESION ON SURFACES	HERCULES INCORPORATED	08/867135	06/02/97	6110381	08/29/00
METHOD AND APPARATUS FOR PRODUCING SYNERGISTIC BIOCIDE	HERCULES INCORPORATED	11/509141	08/24/06	7311878	12/25/07
METHOD FOR CONTROLLING PITCH AND STICKIES DEPOSITION	HERCULES INCORPORATED	10/444522	05/23/03	7166192	01/23/07
METHOD FOR CONTROLLING PITCH ON A PAPERMAKING MACHINE	HERCULES INCORPORATED	08/440299	05/19/95	5626720	05/06/97
METHOD FOR CREPING FIBROUS WEBS BY APPLYING TO DRYING SURFACE POLYAMINE/EPIHALOHYDRIN CREPING ADHESIVE AND AT LEAST ONE CREPING RELEASE AGENT	HERCULES INCORPORATED	08/643645	05/06/96	5660687	08/26/97
METHOD FOR CREPING FIBROUS WEBS COMPRISING APPLYING TO DRYING SURFACE CREPING ADHESIVE AND CREPING RELEASE AGENT CONSISTING OF POLYOLS, POLYALKANOLAMINES, SULFONAMIDS, PYRROLIDONE AND MIXTURES THEREOF	HERCULES INCORPORATED	08/848329	05/01/97	5833806	11/10/98

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METHOD FOR DEWATERING DEINKING SLUDGE USING A WATER SOLUBLE BLOCK COPOLYMER	HERCULES INCORPORATED	08/856218	05/14/97	5800719	09/01/98
METHOD FOR ENHANCING BIOCIDAL ACTIVITY	HERCULES INCORPORATED	08/431338	04/28/95	5607597	03/04/97
METHOD FOR IMPROVING PULP WASHING EFFICIENCY	HERCULES INCORPORATED	08/080910	06/22/93	5405498	04/11/95
METHOD FOR IMPROVING RETENTION AND DRAINAGE CHARACTERISTICS IN ALKALINE PAPERMAKING	HERCULES INCORPORATED	08/215983	03/23/94	5482595	01/09/96
METHOD FOR IMPROVING RETENTION AND DRAINAGE CHARACTERISTICS IN ALKALINE PAPERMAKING	HERCULES INCORPORATED	08/217037	03/24/94	5415740	05/16/95
METHOD FOR IMPROVING RETENTION AND DRAINAGE CHARACTERISTICS IN ALKALINE PAPERMAKING	HERCULES INCORPORATED	08/373706	01/17/95	5532308	07/02/96
METHOD FOR INHIBITING BARIUM SULFATE DEPOSITION USING A POLY(AMINE) COMPOUND OR ITS SALTS IN ...	HERCULES INCORPORATED	07/934841	08/24/92	5256253	10/26/93
METHOD FOR INHIBITING MICROBIAL ADHESION ON SURFACES	HERCULES INCORPORATED	09/039967	03/16/98	6241898	06/05/01
METHOD FOR INHIBITING MICROBIAL ADHESION ON SURFACES	HERCULES INCORPORATED	08/430569	04/28/95	5512186	04/30/96
METHOD FOR INHIBITING MICROBIAL ADHESION ON SURFACES	HERCULES INCORPORATED	08/638631	04/26/96	5593599	01/14/97
METHOD FOR MAKING HYDROPHOBICALLY ASSOCIATIVE POLYMERS, METHODS OF USE AND COMPOSITIONS	HERCULES INCORPORATED	09/455024	12/06/99	6417268	07/09/02

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METHOD FOR SELECTIVE DEHALOGENATIN OF NITROGEN FREE ORGANOHALOGEN COM-POUND(S) USING DEHALOGENASE ENZYME CONTAINING MICROORGANISM	HERCULES INCORPORATED	08/487705	06/07/95	5843763	12/01/98
METHOD OF CONTROLLING FOAM IN AQUEOUS SYSTEMS	HERCULES INCORPORATED	08/498326	07/05/95	5632860	05/27/97
METHOD OF INHIBITING CALCIUM OXALATE SCALE DEPOSITION	HERCULES INCORPORATED	08/042971	04/05/93	5320757	06/14/94
METHODS AND COMPOSITIONS FOR TERATING STICKIES	HERCULES INCORPORATED	09/317212	05/24/99	6150452	11/21/00
METHODS FOR CONTROLLING THE DEPOSITION OF ORGANIC CONTAMINANTS IN PULP & PAPERMAKING ...	HERCULES INCORPORATED	07/884669	05/18/92	5266166	11/30/93
METHODS FOR INHIBITING THE DEPOSITION OF ORGANIC CONTAMINANTS IN PULP & PAPERMAKING SYSTEMS...	HERCULES INCORPORATED	08/421349	04/12/95	5536363	07/16/96
METHODS OF CONTROLLING SCALE FORMATION IN THE PRESENCE OF METAL IONS IN AQUEOUS SYSTEMS	HERCULES INCORPORATED	08/052303	04/23/93	5368740	11/29/94
METHODS OF CONTROLLING SCALE FORMATION IN THE PRESENCE OF METAL IONS IN AQUEOUS SYSTEMS	HERCULES INCORPORATED	08/326452	10/20/94	5468393	11/21/95
METHODS OF USING HOP ACIDS TO CONTROL ORGANISMS	HERCULES INCORPORATED	09/521222	03/08/00	6547971	04/15/03
METHYL ACRYLATE-DIAMINE BASED POLYAMIDE RESINS AND PROCESSES FOR PRODUCING THE SAME	HERCULES INCORPORATED	10/032651	12/27/01	6667384	12/23/03

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NEUTRAL-TO-ALKALINE PAPER SIZING WITH COMPOSITION OF ROSIN, SELECTED CATIONIC POLYAMINE RESIN AND OPTIONALLY A MINOR AMOUNT OF ALUM	HERCULES INCORPORATED	08/365399	12/28/94	6033526	03/07/00
ROSIN SIZING AT NEUTRAL TO ALKALINE PH	HERCULES INCORPORATED	09/396115	09/14/99	6228219	05/08/01
NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT	HERCULES INCORPORATED	09/866830	05/29/01	6558513	05/06/03
NOVEL ALKKENYL SUCCINIC ANHYDRIDE COMPOSITIONS AND THE USE THEREOF	HERCULES INCORPORATED	09/583129	05/30/00	6348132	02/19/02
NOVEL STRENGTH RESINS FOR PAPER AND REPULPABLE WET AND DRY STRENGTH PAPER MADE THEREWITH	HERCULES INCORPORATED	08/994555	12/19/97	6103861	08/15/00
OIL/GREASE AND WATER SIZING AGENT FOR TREATMENT OF CELLULOSICS- -TITLE WAS: AQUEOUS DISPERSIBLE OIL AND WATER-SIZING POLYMER COMPOSITION	HERCULES INCORPORATED	10/121880	04/12/02	6951962	10/04/05
OXIDATION IN SOLID STATE OR OXIDIZABLE GALACTOS TYPE ALCOHOL CONFIGURATION CONTAINING POLYMER	HERCULES INCORPORATED	09/001789	12/31/97	6124124	09/26/00
OXIDATIVE DEGRADATION PROCESS FOR PRODUCING HIGH SOLIDS, LOW VISCOSITY AQUEOUS POLYSACCHARIDES	AQUALON COMPANY (HERCULES INCORPORATED)	07/834163	02/11/92	5480984	01/02/96
PAPER COATING COMPOSITION WITH ENVIRONMENTALLY ACCEPTABLE FLUIDIZED POLYMER SUSPENSION	HERCULES INCORPORATED	10/236161	09/06/02	6825248	11/30/04
PAPER COATING COMPOSITION WITH IMPROVED OPTICAL BRIGHTENER CARRIERS	HERCULES INCORPORATED	09/301983	04/29/99	6030443	02/29/00

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PAPER DRY-STRENGTH ENHANCING COMPOSITION COMPRISING (1) ANIONIC GUM DERIVATIVE AND (2) CATIONIC POLYMER, OPTIONALLY INCLUDING CATIONIC WET-STRENGTH RESIN	HERCULES INCORPORATED	08/202417	02/28/94	5502091	03/26/96
PAPER PRODUCT COMPRISING NITROGEN-CONTAINING CATIONIC POLYMER AND RESIDUE OF MICROORGANISM CAPABLE OF DEHALOGENATING NITROGEN-FREE ORGANOHALOGEN	HERCULES INCORPORATED	08/478799	06/07/95	5871616	02/16/99
PAPER SIZED WITH A SIZING AGENT AND A SELECTED SIZING PROMOTER	HERCULES INCORPORATED	10/424502	04/28/03	7270727	09/18/07
PAPER SIZING COMPOSITION	HERCULES INCORPORATED	09/293051	04/16/99	6268414	07/31/01
PAPERMAKING AID	HERCULES INCORPORATED	09/152695	08/19/98	6168686	01/02/01
PITCH CONTROL	HERCULES INCORPORATED	07/810746	12/19/91	5300194	04/05/94
PITCH REDUCTION ON PAPER MACHINE FORMING FABRICS AND PRESS FABRICS	HERCULES INCORPORATED	07/981574	11/25/92	5368694	11/29/94
POLYAMIDOAMINE EPICHLOROHYDRIN RESINS BEARING POLYOL SIDECHAINS AS DRY STRENGTH	HERCULES INCORPORATED	09/665120	09/20/00	6346170	02/12/02
POLYMERIC FLUID LOSS ADDITIVES AND METHOD OF USE THEREOF	HERCULES INCORPORATED	09/732537	12/08/00	6465587	10/15/02
POLYMERIC FLUID LOSS ADDITIVES AND METHOD OF USE THEREOF	HERCULES INCORPORATED	10/224525	08/20/02	6590050	07/08/03

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PREPARING WET STRENGTH RESIN BY TREATING POLYAMINOPOLYAMIDE-EPI RESIN HAVING LOW EPI CONTENT WITH WATER-SOLUBLE, NONPOLYMERIC AMINE & THERMALLY CROSSLINKING	HERCULES INCORPORATED	08/355925	12/14/94	5614597	03/25/97
PRETREATMENT OF FILLER WITH CATIONIC KETENE DIMER	HERCULES INCORPORATED	07/748486	08/22/91	5972100	10/26/99
PROCESS & COMPOSITION FOR CONTROLLING MICROBIAL GROWTH	HERCULES INCORPORATED	08/183546	01/19/94	5416121	05/16/95
PROCESS AND COMPOSITION FOR THE MANUFACTURE OF WET STRENGTHENED PAPER	HERCULES INCORPORATED	08/349113	12/02/94	5525664	06/11/96
PROCESS FOR CONTROLLING DEPOSIT OF STICKY MATERIAL [ON PAPERMILL FELTS BY APPLYING A CATIONIC POLYMER AND A NONIONIC SURFACTANT]	HERCULES INCORPORATED	09/363225	07/30/99	6171445	01/09/01
PROCESS FOR CONTROLLING DEPOSIT OF STICKY MATERIAL [ON PAPERMILL FELTS BY APPLYING A CATIONIC POLYMER AND A NONIONIC SURFACTANT]	HERCULES INCORPORATED	09/727011	11/30/00	6517682	02/11/03
PROCESS FOR INCREASING THE DRY STRENGTH OF PAPER	HERCULES INCORPORATED	10/118384	04/08/02	6723204	04/20/04
PROCESS FOR MAKING FINE PAPER SIZED WITH A 2-OXETANONE ALKALINE SIZING AGENT	HERCULES INCORPORATED	08/911121	08/14/97	6007906	12/28/99
PROCESS FOR MAKING FINE PAPER SIZED WITH A 2-OXETANONE ALKALINE SIZING AGENT	HERCULES INCORPORATED	09/420040	10/18/99	6316095	11/13/01
PROCESS FOR MAKING REPULPABLE WET AND DRY STRENGTH PAPER	HERCULES INCORPORATED	09/516484	03/01/00	6245874	06/12/01
PROCESS FOR PURIFICATION OF COTTON LINTERS	HERCULES INCORPORATED	11/179301	07/13/05	7562419	07/21/09

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PROCESS FOR SURFACE SIZING PAPER WITH ANIONIC COPOLYMER LATEX COMPRISING STYRENE OR SUBSTITUTED STYRENE, ALKYL(METH)ACRYLATE AND CARBOXYLIC ACID	HERCULES INCORPORATED	08/847841	04/28/97	6051107	04/18/00
PROCESS FOR THE ISOMERIZATION OF ALPHA OLEFIN TO INTENAL OLEFINS	HERCULES INCORPORATED	10/968608	10/19/04	7271308	09/18/07
PROCESS FOR THICKENING AN AQUEOUS SYSTEM	HERCULES INCORPORATED	09/950871	09/12/01	6479573	11/12/02
PROCESS OF REPULPING WET STRENGTH PAPER BY PROVIDING PAPER CATIONIC THERMOSETTING RESIN	HERCULES INCORPORATED	09/336217	12/04/98	6171440	01/09/01
PROCESS OF USING PAPER CONTAINING ALKALINE SIZING AGENTS WITH IMPROVED CONVERSION CAPABILITY	HERCULES INCORPORATED	08/192570	02/07/94	5685815	11/11/97
PROCESS TO REDUCE AOX LEVEL OF WET STRENGTH RESINS BY TREATMENT WITH BASE	HERCULES INCORPORATED	09/224107	12/22/98	6429267	08/06/02
PROCESSES AND COMPOSITIONS FOR REPULPING WET STRENGTH PAPER AND PAPER PRODUCTS USING AN OXIDIZING AGENT AND A BUFFER	HERCULES INCORPORATED	08/714432	09/16/96	5904808	05/18/99
PRODUCTION OF PAPER AND PAPERBOARD	HERCULES INCORPORATED	08/291309	08/16/94	6273998	08/14/01
PROTEINS AND POLYMERS FOR USE AS PITCH AND STICKIES CONTROL AGENTS IN PULP AND PAPERMAKING PROCESSES	HERCULES INCORPORATED	09/816735	03/22/01	6461477	10/08/02
PROTEINS FOR USE AS PITCH AND STICKIES CONTROL AGENTS IN ULP AND PAPERMAKING PROCESSES	HERCULES INCORPORATED	09/815367	03/22/01	6527915	03/04/03

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REDUCED BYPRODUCT HIGH SOLIDS POLYAMINE-EPIHALOHYDRIN COMPOSITIONS	HERCULES INCORPORATED	10/013049	12/10/01	7303652	12/04/07
REDUCED BYPRODUCT POLYAMINE-EPIHALOHYDRIN RESINS	HERCULES INCORPORATED	09/592681	06/12/00	6554961	04/29/03
REDUCED BYPRODUCT POLYAMINE-EPIHALOHYDRIN RESINS	HERCULES INCORPORATED	10/396155	03/25/03	7175740	02/13/07
RELEASE AGENT FOR ROLLS & METHOD FOR IMPROVING RELEASE PRO	HERCULES INCORPORATED	09/051438	10/15/96	6139911	10/31/00
REPULPING OF PAPER AND PAPERBOARD USING WATER-SOLUBLE NONCHLORINATING OXIDIZER AND WATER-SOLUBLE BUFFER PROVIDING PH 7-12	HERCULES INCORPORATED	08/479489	06/07/95	5674358	10/07/97
RESIN COMPOSITIONS FOR MAKING WET AND DRY STRENGTH PAPER AND THEIR USE AS CREPING ADHESIVES	HERCULES INCORPORATED	08/788731	01/23/97	5994449	11/30/99
RESIN COMPOSITIONS HAVING HIGH SOLIDS CONTENTS	HERCULES INCORPORATED	09/525036	03/14/00	6352613	03/05/02
RESINS OF AMPHOTERIC ALDEHYDE POLYMERS AND USE OF SAID RESINS AS TEMPORARY WET-STRENGTH OR DRY-STRENGTH RESINS FOR PAPER	HERCULES INCORPORATED	08/866364	05/30/97	6197919	03/06/01
RETENTION AND DRAINAGE AIDS	HERCULES INCORPORATED	11/301804	12/13/05	7615135	11/10/09
ROSIN SIZING AT NEUTRAL TO ALKALINE PH	HERCULES INCORPORATED	09/396115	09/14/99	6228219	05/08/01
SILYL-LINKED POLYAMIDOAMINES AND THEIR PREPARATION	HERCULES INCORPORATED	08/665965	06/19/96	5990333	11/23/99
SILYL-LINKED POLYAMIDOAMINES AND THEIR PREPARATION	HERCULES INCORPORATED	09/257903	02/25/99	6315865	11/13/01
SOLID PHASE ENZYMATIC ASSEMBLY OF POLYNUCLEOTIDES	HERCULES INCORPORATED	09/571774	05/16/00	6479262	11/12/02

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STABILIZER FOR CREPING ADHESIVES	HERCULES INCORPORATED	09/135428	08/17/98	6280571	08/28/01
STERILIZATION PROCESS	HERCULES INCORPORATED	08/199273	08/22/94	5540885	07/30/96
SUPPRESSION OF AQUEOUS VISCOSITY OF ASSOCIATING POLYACETAL-POLYETHERS	HERCULES INCORPORATED	10/003755	10/29/01	6809132	10/26/04
SUPPRESSION OF AQUEOUS VISCOSITY OF NONIONIC ASSOCIATIVE THICKENERS	HERCULES INCORPORATED	10/439920	05/16/03	6900255	05/31/05
SURFACE SIZING AGENT COMPRISING 2-OXETANONE KETENE MULTIMER, METHOD OF SIZING AND SIZED PAPER THEREWITH	HERCULES INCORPORATED	08/601113	02/16/96	5846663	12/08/98
SUSPENSION OF ANIONIC OR NONIONIC POLYSACCHARIDE IN CONCENTRATED DIBASIC POTASSIUM PHOSPHATE OPTIONALLY CONTAINING XANTHAN GUM AS STABILIZER	HERCULES INCORPORATED	07/794425	11/20/91	5268466	12/07/93
SYNTHESIS OF CREPING AIDS BASED ON POLYAMIDES CONTAINING METHYL BIS (3 AMINOPROPYLAMINE)	HERCULES INCORPORATED	07/814734	12/23/91	5338807	08/16/94
SYNTHESIS OF HIGH SOLIDS RESINS FROM AMINE TERMINATED POLYAMIDES (ADIPIC ACID-CO-DIETHYLENETRIAMINE) PREPARED WITH EXCESS DIETHYLENETRIAMINE	HERCULES INCORPORATED	10/404940	04/01/03	6908983	06/21/05
SYSTEM FOR SIZING PAPER AND CARDBOARD	HERCULES INCORPORATED	08/478628	06/07/95	5626719	05/06/97
TAPE JOINT COMPOUNDS WITH CMC THICKENER SYSTEM	HERCULES INCORPORATED	10/939815	09/13/04	7108744	09/19/06
TERTIARY AMINE POLYAMIDOAMINE-EPIHALOHYDRIN POLYMERS	HERCULES INCORPORATED	09/071902	05/04/98	6111032	08/29/00
THERMALLY STABLE THIOSULFATE HYDROXYETHYL CELLULOSE SUSPENSION	AQUALON COMPANY (HERCULES INCORPORATED)	08/043681	04/08/93	5407475	04/18/95

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TOOTHPASTE COMPOSITIONS CONTAINING FLUIDIZED POLYMER SUSPENSIONS OF CARBOXYMETHYL CELLULOSE	HERCULES INCORPORATED	08/935711	09/23/97	5932193	08/03/99
TREATMENT OF RESINS TO LOWER LEVELS OF CPD PRODUCING SPECIES AND IMPROVE GELATION STABILITY	HERCULES INCORPORATED	10/838636	05/04/04	7081512	07/25/06
TREATMENTS FOR THE ENHANCEMENT OF BACTERIAL EXOPOLYSACCHARIDE RECOVERY	HERCULES INCORPORATED	09/133538	08/13/98	6066479	05/23/00
TREATMENTS FOR THE ENHANCEMENT OF BACTERIAL EXOPOLYSACCHARIDE RECOVERY	HERCULES INCORPORATED	09/468542	12/21/99	6251641	06/26/01
USE OF ANIONIC SURFACTANT/DISPERSANT BLENDS FOR THE DEINKING OF GROUNDWOOD NEWSPRINT	HERCULES INCORPORATED	08/184723	01/21/94	5387355	02/07/95
USE OF CATIONIC CONDITIONING POLYMER IN CONDITIONING APPLICATIONS	HERCULES INCORPORATED	10/821013	04/08/04	7589051	09/15/09
USE OF OXIDATION PROMOTING CHEMICALS IN THE OXIDATION OF OXIDIZABLE GALACTOSE TYPE OF ALCOHOL CONFIGURATION CONTAINING POLYMER	HERCULES INCORPORATED	09/001785	12/31/97	6022717	02/08/00
VARIANT GALACTOSE OXIDASE, NUCLEIC ACID ENCODING SAME, AND METHODS OF USING SAME	HERCULES INCORPORATED	09/782906	02/14/01	6498026	12/24/02
WATER BASED BIOCIDE	HERCULES INCORPORATED	07/898974	06/15/92	5312841	05/17/94
WATER SOLUBLE ACRYLAMIDE/ACRYLIC ACID POLYMERS AND THEIR USE AS DRY STRENGTH ADDITIVES FOR PAPER	HERCULES INCORPORATED	08/344831	11/23/94	5543446	08/06/96

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WATER SOLUBLE GRAFT COPOLYMERS & METHODS OF USE THEREOF	HERCULES INCORPORATED	08/101139	08/03/93	5374336	12/20/94
WATER-BASED DRILLING FLUIDS	HERCULES INCORPORATED	10/896672	07/22/04	7384892	06/10/08
WATER-RESISTANT VEGETABLE PROTEIN ADHESIVE DISPERSION COMPOSITIONS	HERCULES INCORPORATED	11/099175	04/04/05	7345136	03/18/08
WATER-SOLUBLE CATIONIC COPOLYMERS & THEIR USE AS DRAINAGE RETENTION AIDS IN PAPERMAKING PROCESSES	HERCULES INCORPORATED	08/424749	04/18/95	5473033	12/05/95
WATER-SOLUBLE CATIONIC COPOLYMERS & THEIR USE AS FLOCCULANTS & DRAINAGE RETENTION AIDS	HERCULES INCORPORATED	08/523975	09/06/95	5681912	10/28/97
WATER-SOLUBLE CATIONIC COPOLYMERS AND THEIR USE AS FLOCCULANTS	HERCULES INCORPORATED	08/771361	12/16/96	5720888	02/24/98
WATER-SOLUBLE POLYMER THICKENER FOR JOINT, SPACKLING AND TEXTURIZING COMPOUNDS ADDED TO FORMULATION AS POLYMER SUSPENSION, WITH OR WITHOUT SALT ADDITIVE	AQUALON COMPANY (HERCULES INCORPORATED)	07/839798	02/24/92	5258069	11/02/93
METHOD FOR SEPARATING SOLIDS FROM GAS SCRUBBERS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/226196	09/15/05	7575625	08/18/09
ECOFRIENDLY CATIONIC POLYELECTROLYTES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/518595	12/21/04	7375173	5/20/08
UV CURABLE LOW GLOSS ADDITIVES FOR OVERPRINT VARNISH COATING FORMULATIONS AND COATINGS THEREFROM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/963420	10/12/04	7338986	03/04/08

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METHOD FOR PREPARING AMINO ALKYL(METH)ACRYLATES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/311,600	12/18/02	6979748	12/27/05
WATER-IN-OIL POLYMER DISPERSIONS WITH IMPROVED ENVIRONMENTAL COMPATIBILITY	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10344695	02/24/03	6861469	03/01/05
WATER-SOLUBLE HOMOPOLYMERS AND COPOLYMERS HAVING AN IMPROVED ENVIRONMENTAL ACCEPTABILITY	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	10/344694	02/24/03	6740720	05/25/04
ENVIRONMENTALLY ACCEPTABLE WELL CEMENT FLUID LOSS CONTROL ADDITIVES, COMPOSITIONS AND METHODS	HERCULES INCORPORATED and HALIBURTON	10/135492	04/30/02	6730636	04/15/04
METHOD AND DEVICE FOR ELIMINATING OXYGEN CONTAINED IN AQUEOUS MONOMER SOLUTIONS	HERCULES INCORPORATED	10/048984	02/19/02	6716273	04/06/04
ENVIRONMENTALLY ACCEPTABLE WELL CEMENT FLUID LOSS CONTROL ADDITIVES, COMPOSITIONS AND METHODS	HERCULES INCORPORATED and HALIBURTON	10/135753	04/30/02	6626992	09/30/03
METHOD OF PREVENTING SCALING INVOLVING INORGANIC COMPOSITIONS, AND COMPOSITIONS THEREOF	HERCULES INCORPORATED	09/523663	04/02/02	6365101	04/02/02
METHOD OF PREVENTING SCALING INVOLVING INORGANIC COMPOSITIONS, AND COMPOSITIONS THEREOF	HERCULES INCORPORATED	09/333891	06/16/99	6355214	02/12/02
METHOD OF PREVENTING SCALING INVOLVING INORGANIC COMPOSITIONS IN COMBINATION WITH COPOLYMERS OF MALEIC ANHYDRIDE AND ISOBUTYLENE, AND COMPOSITIONS THEREOF.	HERCULES INCORPORATED	09/589886	06/09/00	6333005	12/25/01

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METHOD OF MANUFACTURING WATER-SOLUBLE POLYMER DISPERSIONS HAVING HIGH POLYMER CONTENT	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08411668	04/12/95	5541252	07/30/96
WATER SOLUBLE, POWDERED, CATIONIC POLYELECTROLYTE COMPRISING A COPOLYMER OF ACRYLAMIDE AND DIMETHYLAMINOPROPYLACRYLAMIDE ESSENTIALLY FREE OF BIFUNCTIONAL COMPOUNDS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08120707	09/13/93	5512646	04/30/96
METHOD FOR THE PRODUCTION OF A LOW-VISCOSITY, WATER-SOLUBLE POLYMERIC DISPERSION	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	08/241577	05/12/94	5480934	01/02/96
QUICK OIL CHANGE APPARATUS AND PROCESS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	12466807	05/15/09	7,926,617	04/19/11
METHOD OF TREATING HUMAN WOUNDS	HERCULES INCORPORATED	08260940	06/16/94	5522794	06/04/96
PROCESS FOR INCREASING THE REFINER PRODUCTION RATE AND/OR DECREASING THE SPECIFIC ENERGY OF PULPING WOOD	HERCULES INCORPORATED	11002594	12/02/04	7726592	06/01/10
SYNERGISTIC BIOCIDAL MIXTURES	HERCULES INCORPORATED	10266509	10/08/02	7008545	03/07/06
MEMBRANE SEPARATION PROCESS FOR REMOVING RESIDUALS FROM POLYAMINE-EPIHALOHYDRIN RESINS	HERCULES INCORPORATED	11856224	09/17/07	7932349	04/26/11

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ETHER DERIVATIVES OF RAW COTTON LINTERS FOR WATER-BORNE COATINGS	HERCULES INCORPORATED	11591774	11/02/06	7932309	04/26/11
MICHAEL ADDITION ADDUCTS AS ADDITIVES FOR PAPER AND PAPERMAKING	HERCULES INCORPORATED	11804360	05/18/07	7902312	03/08/11
DEFOAMER EMULSION COMPOSITIONS FOR PULP MILL APPLICATIONS	HERCULES INCORPORATED	11297025	12/08/05	7893115	02/22/11
DEFOAMERS FOR PULP AND PAPERMAKING APPLICATIONS	HERCULES INCORPORATED	11297024	12/08/05	7879917	02/01/11
ANTIOXIDANT GRAFTED POLYSACCHARIDES	HERCULES INCORPORATED	08493854	06/22/95	5612321	03/08/97
UNSATURATED POLYESTER RESINS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	09/515278	2/29/00	6268464	07/31/01
ANIONIC CO-POLYMERS PREPARED IN AN ADVERSE EMULSION MATRIX AND THEIR USE IN PREPARING CELLULOSIC FIBER	HERCULES INCORPORATED	11/880544	07/23/07	7507781	03/24/09
DEHALOGENATION OF ORGANOHALOGEN-CONTAINING COMPOUNDS	HERCULES INCORPORATED	08/478799	06/07/95	5871616	02/16/99
SURFACE IMPROVER FOR COMPOSITE COMPOSITIONS	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	12/899,083	10/06/10	7,989,557	08/02/11

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AIR FRESHENER	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/595,387	11/09/06	7,854,393	12/21/10
LOW ODOR, FAST CURE, TOUGHENED EPOXY ADHESIVE	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/639,539	12/15/06	7,745,006	06/29/10
METAL OXIDES DISPERSANT COMPOSITION	Edward S. Beardwood, Kostan Charkhuitian, inventors (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	11/685,408	03/13/07	7,857,989	12/28/10
FAST CURE EPOXY ADHESIVE WITH ENHANCED ADHESION TO TOUGHENED SHEET MOLDING COMPOUND	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/706,653	02/15/07	7,737,199	06/15/10
DEVICE AND PROCESS FOR TREATING A LIQUID MEDIUM	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	11/833,878	08/03/07	7,718,073	05/18/10
EPOXIDIZED VEGETABLE OIL, EPOXIDIZED ALKYL ESTERS AND/OR CYCLOALIPHATIC EPOXIDES	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	12/288,656	10/22/08	7,834,101	11/16/10
METHOD FOR TREATING AQUEOUS SLUDGE, MATERIAL SO PRODUCED AND THE USE THEREOF	STOCKHAUSEN, GMBH (ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC)	12/477,957	06/04/09	7,811,458	10/12/10
NANO GEL WAX	ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC	12/945,329	11/12/10	7,976,624	07/12/11
HYDROXYALKYLCELLULOSE AS ADDITIVE IN PIGMENTED METERING SIZE PRESS COATINGS	HERCULES INCORPORATED	11/065621	02/24/05	7981477	07/19/11

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REACTIVE CATIONIC RESINS FOR USE AS DRY AND WET STRENGTH AGENTS IN SULFITE ION-CONTAINING PAPERMAKING SYSTEMS	HERCULES INCORPORATED	11/304345	12/15/05	7828934	11/09/10
SYNERGISTIC BIOCIDE AND PROCESS FOR CONTROLLING GROWTH OF MICROORGANISMS	HERCULES INCORPORATED	11/509158	08/24/06	7820060	10/26/10
PREPARATION OF ALKYL KETENE DIMERS	HERCULES INCORPORATED	11/649005	01/03/07	7960497	06/14/11
OXIDIZED GUAR FOR OILFIELD SERVICING FLUIDS	HERCULES INCORPORATED	11/804544	05/18/07	7851416	12/14/10
ALKANOLAMINE-STABILIZED DISPERSED ROSIN SIZING AGENTS AND THEIR PREPARATION	HERCULES INCORPORATED	12/069377	02/08/08	7854800	12/21/10
ENHANCED SURFACE SIZING OF PAPER	HERCULES INCORPORATED	12/178904	07/24/08	7998311	08/16/11
RHEOLOGY MODIFIER FOR AQUEOUS SURFACTANT-BASED FORMULATIONS	HERCULES INCORPORATED	12/704799	02/12/10	7973004	07/05/11
PROCESS FOR INCREASING THE REFINER PRODUCTION RATE AND/OR DECREASING THE SPECIFIC ENERGY OF PULPING WOOD	HERCULES INCORPORATED	12/752241	04/01/10	7981247	07/19/11
Alkyl vinyl ether polymers containing a lactam functionality	ISP Capital, Inc. (ISP Investments Inc.)	08/114127	08/30/93	5322898	06/21/94
Process of vapor phase catalytic hydrogenation of maleic anhydride to gamma-butyrolactone in high conversion and high selectivity using an activated catalyst	ISP Capital, Inc. (ISP Investments Inc.)	07/656388	02/19/91	5347021	09/13/94

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Polyalk-1-enyl ethers	ISP Capital, Inc. (ISP Investments Inc.)	07/867563	04/13/92	5334772	08/02/94
Controlled release tablets including strongly swellable, moderately crosslinked polyvinylpyrrolidone	ISP Capital, Inc. (ISP Investments Inc.)	07/915500	07/20/92	5252611	10/12/93
Toothpaste composition containing strontium salt of maleic anhydride-methyl vinyl ether copolymer	ISP Capital, Inc. (ISP Investments Inc.)	07/859786	03/30/92	5188818	02/23/93
Antimicrobial, low toxicity, non-irritating composition comprising a blend of bis-quaternary ammonium compounds coprecipitated with a copolymer of vinylpyrrolidone and an acrylamido or vinyl quaternary ammonium monomer	ISP Capital, Inc. (ISP Investments Inc.)	07/783017	10/25/91	5242684	09/07/93
Low boiling solubilizer for vinyl pyrrolidone/acrylic acid copolymers	ISP Capital, Inc. (ISP Investments Inc.)	07/862147	04/02/92	5219906	06/15/93
Leaching inhibition of crop treating chemicals with lactam containing polymers	ISP Capital, Inc. (ISP Investments Inc.)	07/843325	02/28/92	5231070	07/27/93
Delivery system for agricultural chemicals	ISP Capital, Inc. (ISP Investments Inc.)	07/726101	07/05/91	5283229	02/01/94
Delivery system for agricultural chemicals	ISP Capital, Inc. (ISP Investments Inc.)	08/173656	12/22/93	5354726	10/11/94
Stable, clear, efficacious aqueous microemulsion compositions containing a high loading of a water-insoluble, agriculturally active chemical	ISP Capital, Inc. (ISP Investments Inc.)	08/008946	01/26/93	5300529	04/05/94
Water-based microemulsion formulation of a carbamate ester	ISP Capital, Inc. (ISP Investments Inc.)Inc.	07/978860	11/19/92	5338762	08/16/94
Water based microemulsion formulations	ISP Capital, Inc. (ISP Investments Inc.)	08/040239	03/30/93	5389688	02/14/95

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Antimicrobial, low toxicity, blend compositions of bis- quaternary ammonium compounds and polyvinylpyrrolidone	ISP Capital, Inc. (ISP Investments Inc.)	07/772409	10/07/91	5216030	06/01/93
Antimicrobial, low toxicity, blend compositions of bis- quaternary ammonium compounds	ISP Capital, Inc. (ISP Investments Inc.)	07/772182	10/07/91	5196135	03/23/93
Leaching inhibition of crop treating chemicals with polymers	ISP Capital, Inc. (ISP Investments Inc.)	07/843025	02/28/92	5229355	07/20/93
A colorless non-toxic stabilized aqueous solution of a c1-c5 alkyl vinyl ether and maleic acid copolymer	ISP Capital, Inc. (ISP Investments Inc.)	08/091809	07/15/93	5449715	09/12/95
Process for the recovery of purified gamma-butyrolactone in high yield from its crude reactor effluent	ISP Investments Inc.	07/735556	07/25/91	5136058	08/04/92
Aqueous stripping composition containing peroxide and water soluble ester	ISP Capital, Inc. (ISP Investments Inc.)	07/851587	03/16/92	5215675	06/01/93
Copolymers of vinyl pyrrolidone and a c30 alpha-olefin in flake or powder form, process for making same and personal care compositions therewith	ISP Capital, Inc. (ISP Investments Inc.)	07/749755	08/26/91	5171807	12/15/92
Copolymers of vinyl pyrrolidone and a c30 alpha-olefin in flake or powder form, process for making same, and personal care compositions therewith	ISP Capital, Inc. (ISP Investments Inc.)	07/911588	07/10/92	5185170	02/09/93
Copolymers of vinyl pyrrolidone and a c30 alpha-olefin in flake or powder form, process for making same, and personal care compositions therewith	ISP Capital, Inc. (ISP Investments Inc.)	07/911640	07/10/92	5219559	06/15/93
Polymer hair fixatives, aqueous-based solution process for making same and water-based hair spray formulations therewith which meet voc standards	ISP Capital, Inc. (ISP Investments Inc.)	07/796998	11/25/91	5221531	06/22/93

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Electrically conductive gel composition	ISP Investments Inc.	07/734976	07/24/91	5178143	01/12/93
Method of crosslinking pvp	ISP Capital, Inc. (ISP Investments Inc.)	07/945565	09/16/92	5219950	06/15/93
Process of crosslinking pvp	ISP Capital, Inc. (ISP Investments Inc.)	07/945453	09/16/92	5236993	08/17/93
Method of making crosslinked pvp	ISP Capital, Inc. (ISP Investments Inc.)	07/966489	10/26/92	5283305	02/01/94
Purification of vinyl lactam polymers	ISP Capital, Inc. (ISP Investments Inc.)	07/834968	02/14/92	5239053	08/24/93
Stabilized aqueous solution of a c1-c5 alkyl vinyl ether and maleic acid copolymer	ISP Capital, Inc. (ISP Investments Inc.)	07/761535	09/18/91	5214089	05/25/93
Process for rendering amino-group-containing polymer solutions substantially odorless	ISP Capital, Inc. (ISP Investments Inc.)	07/907982	07/02/92	5225524	07/06/93
Aqueous oil removal composition containing higher-alkylpyrrolidone	ISP Capital, Inc. (ISP Investments Inc.)	08/195128	02/14/94	5470508	11/28/95
Cationic polymer compositions	ISP Capital, Inc. (ISP Investments Inc.)	07/906163	06/29/92	5321110	06/14/94
Precipitation polymerization of copolymers of a vinyl lactam and a polymerizable carboxylic acid having a molecular weight of less than 20,000 in a cosolvent mixture of an aliphatic hydrocarbon solvent and isoprpanol	ISP Capital, Inc. (ISP Investments Inc.)	07/851707	03/16/92	5191043	03/02/93

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Method of stabilizing aqueous microemulsions using a surface active hydrophobic acid as a buffering agent	ISP Capital, Inc. (ISP Investments Inc.)	07/978599	11/19/92	5298529	03/29/94
Water-based hair spray compositions containing multiple polymers	ISP Capital, Inc. (ISP Investments Inc.)	07/848473	03/09/92	5158762	10/27/92
Denture adhesive	ISP Capital, Inc. (ISP Investments Inc.)	08/024135	03/01/93	5298534	03/29/94
Denture adhesive	ISP Capital, Inc. (ISP Investments Inc.)	08/197049	02/16/94	5395867	03/07/95
Rapid hydrolysis of crosslinked maleic anhydride/lower alkyl vinyl ether copolymer	ISP Capital, Inc. (ISP Investments Inc.)	07/889341	05/28/92	5254636	10/19/93
Acidified nmp compositions stabilized with respect to color formation therein	ISP Capital, Inc. (ISP Investments Inc.)	07/860968	03/31/92	5254282	10/19/93
Process for production of an ethanol solution of the ethyl or butyl half-ester of a copolymer of maleic anhydride and methyl vinyl ether	ISP Capital, Inc. (ISP Investments Inc.)	07/852425	03/16/92	5223567	06/29/93
Leaching inhibition of crop treating chemical with nitrogen containing polymers	ISP Capital, Inc. (ISP Investments Inc.)	07/843024	02/28/92	5229354	07/20/93
Leaching inhibition of crop treating chemicals with amino containing polymers	ISP Capital, Inc. (ISP Investments Inc.)	07/919317	07/27/92	5283228	02/01/94
Strongly swellable, moderately crosslinked polyvinylpyrrolidone	ISP Capital, Inc. (ISP Investments Inc.)	07/875951	04/30/92	5312619	05/17/94

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Aqueous stable complex of a strongly swellable, moderately crosslinked polyvinylpyrrolidone and iodine	ISP Capital, Inc. (ISP Investments Inc.)	07/899964	06/17/92	5242985	09/07/93
Compositions of insoluble film-forming polymers and uses therefor	ISP Capital, Inc. (ISP Investments Inc.)	07/975811	11/13/92	5766615	06/16/98
Compositions of insoluble film-forming polymers and uses therefor	ISP Capital, Inc. (ISP Investments Inc.)	09/094933	06/15/98	6303131	10/16/01
Pesticide or herbicide polymer complexes for forming aqueous dispersions	ISP Capital, Inc. (ISP Investments Inc.)	07/975812	11/13/92	5476662	12/19/95
Pesticide or herbicide polymer complexes for forming aqueous dispersions	ISP Capital, Inc. (ISP Investments Inc.)	08/484302	06/07/95	5679366	10/21/97
Pesticide or herbicide polymer complexes for forming aqueous dispersions	ISP Capital, Inc. (ISP Investments Inc.)	08/476337	06/07/95	5626858	05/06/97
Compositions of insoluble film-forming polymers and uses therefor	ISP Capital, Inc. (ISP Investments Inc.)	08/017093	02/12/93	5425955	06/20/95
Homogeneous polymerization process for making substantially homogeneous terpolymers of vinyl pyrrolidone, a quaternary amino monomer and a hydrophobic monomer for dual functional hair care applications	ISP Capital, Inc. (ISP Investments Inc.)	08/365260	12/28/94	5492988	02/20/96
Water-based, hair care products containing homogeneous terpolymers having both hair styling and conditioning properties	ISP Investments Inc.	08/365720	12/28/94	6299866	10/09/01
Homogeneous polymerization process for making substantially homogeneous terpolymers hair care applications	ISP Capital, Inc. (ISP Investments Inc.)	08/365257	12/28/94	5523369	06/04/96

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Non-catalytic liquid phase conversion of butyrolactone and ammonia to 2-pyrrolidone product in high yield and selectivity	ISP Capital, Inc. (ISP Investments Inc.)	08/204577	03/02/94	5393888	02/28/95
Process for the production of pure vinyl pyrrolidone	ISP Capital, Inc. (ISP Investments Inc.)	08/081947	02/04/93	5329021	07/12/94
Free radical initiator delivery system	ISP Capital, Inc. (ISP Investments Inc.)	08/044136	04/08/93	5362698	11/08/94
Asymmetrical polypyrrolidonyl compounds having a wide liquid range	ISP Capital, Inc. (ISP Investments Inc.)	08/026314	03/02/93	5326880	07/05/94
Emulsion polymerization composition	ISP Capital, Inc. (ISP Investments Inc.)	07/928594	08/18/92	5225474	07/06/93
N-vinyl lactam polymer containing tablets of low friability and high rate of dissolution	ISP Capital, Inc. (ISP Investments Inc.)	08/349774	12/06/94	5684121	11/04/97
Water-based microemulsions of a triazole fungicide	ISP Capital, Inc. (ISP Investments Inc.)	07/964803	10/22/92	5326789	07/05/94
Water-based microemulsion formulations	ISP Capital, Inc. (ISP Investments Inc.)	07/953331	09/30/92	5317042	05/31/94
Inert matrix composition, microemulsifiable concentrate and aqueous microemulsion	ISP Capital, Inc. (ISP Investments Inc.)	08/074076	06/09/93	5389297	02/14/95
Process for making polyvinylpyrrolidone polymer having predetermined characteristics	ISP Capital, Inc. (ISP Investments Inc.)	08/054576	04/26/93	5362815	11/08/94

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Process for making highly crosslinked polyvinylpyrrolidone having a low swell volume	ISP Capital, Inc. (ISP Investments Inc.)	08/026649	03/05/93	5286826	02/15/94
Method of growing fish or crustaceans at increased conversion growth and survival rates	ISP Capital, Inc. (ISP Investments Inc.)	08/493731	06/22/95	5573792	11/12/96
Free-flowing, non-dusting water dispersible granules having low friability and superior crush strength which are capable of forming stable suspensions in water without deleterious foaming	ISP Capital, Inc. (ISP Investments Inc.)	07/978014	11/18/92	5817319	10/06/98
1-vinyl-3(e)-ethylidene pyrrolidone	ISP Capital, Inc. (ISP Investments Inc.)	08/025523	03/03/93	5274120	12/28/93
1-vinyl-3(e)-ethylidene pyrrolidone	ISP Capital, Inc. (ISP Investments Inc.)	08/040400	03/30/93	5360883	11/01/94
Colorless, purified polymerizable composition useful for the production of crosslinked polyvinylpyrrolidone	ISP Capital, Inc. (ISP Investments Inc.)	08/057378	05/06/93	5391668	02/21/95
Colorless, purified polymerizable composition useful for the production of crosslinked polyvinylpyrrolidone	ISP Capital, Inc. (ISP Investments Inc.)	08/234088	04/28/94	5393854	02/28/95
Process for obtaining 1-vinyl-3(e)-ethylidene pyrrolidone	ISP Capital, Inc. (ISP Investments Inc.)	08/040807	03/31/93	5286876	02/15/94
1-vinyl-3(e)-ethylidene pyrrolidone	ISP Capital, Inc. (ISP Investments Inc.)	08/040805	03/31/93	5342964	08/30/94
Process for the preparation of vinylpyrrolidone/vinyl acetate copolymers	ISP Capital, Inc. (ISP Investments Inc.)	08/038723	03/26/93	5319041	06/07/94

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Extrudible wet paste composition of an agriculturally active chemical free-flowing water-dispersible or water-soluble granules therefrom	ISP Capital, Inc. (ISP Investments Inc.)	08/149869	11/10/93	5464627	11/07/95
Non-aqueous, heterogeneous polymerization process and reaction product obtained thereby	ISP Capital, Inc. (ISP Investments Inc.)	08/988121	12/10/97	6255421	07/03/01
Controlled-release, drug delivery composition	ISP Capital, Inc. (ISP Investments Inc.)	09/121380	07/23/98	6048522	04/11/00
Process for making a cosmetically or pharmaceutically-acceptable emulsion or gel composition	ISP Capital, Inc. (ISP Investments Inc.)	09/396000	03/13/99	6300442	10/09/01
Quaternary salts of para-dialkylamino benzamide derivatives	ISP Van Dyk, Inc. (ISP Investments Inc.)	08/111690	08/25/93	5451394	09/19/95
Quaternary salts of dialkylaminobenzamides	ISP Van Dyk, Inc. (ISP Investments Inc.)	08/356417	12/15/94	5427773	06/27/95
Heterocyclic quaternary salts of para-dialkylamino benzamide derivatives	ISP Van Dyk, Inc. (ISP Investments Inc.)	08/356616	12/15/94	5427774	06/27/95
Process for providing homogeneous copolymers of vinylpyrrolidone and vinyl acetate which form clear aqueous solutions having a high cloud point	ISP Capital, Inc. (ISP Investments Inc.)	08/163446	12/07/93	5395904	03/07/95
Stabilized agchemical concentrate and use thereof	ISP Capital, Inc. (ISP Investments Inc.)	08/142627	10/25/93	5698211	12/16/97
Stabilized agchemical concentrate and use thereof	ISP Capital, Inc. (ISP Investments Inc.)	08/574738	12/19/95	5672353	09/30/97
Uv protective aqueous emulsion and emulsifiable solids for cosmetic and agrichemical formulations	ISP Capital, Inc. (ISP Investments Inc.)	08/128511	09/28/93	5597574	01/28/97

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Eutectic compositions of divinyl imidazolidone and vinyl caprolactam	ISP Capital, Inc. (ISP Investments Inc.)	08/192079	02/04/94	5360882	11/01/94
Clear, homogenized, flowable hydrogel of crosslinked n-vinyl lactam polymer	ISP Capital, Inc. (ISP Investments Inc.)	08/743697	11/06/96	5716634	02/10/98
Radiation dosimeter	ISP Capital, Inc. (ISP Investments Inc.)	08/141173	10/22/93	5359200	10/25/94
Low voc hair spray composition	ISP Capital, Inc. (ISP Investments Inc.)	08/255192	06/07/94	5626835	05/06/97
Low voc hair spray compositions	ISP Capital, Inc. (ISP Investments Inc.)	08/539474	10/05/95	5686067	11/11/97
Process for making substantially homogeneous copolymers of vinylpyrrolidone and n,3,3-dimethylaminopropyl methacrylamide for personal care applications	ISP Capital, Inc. (ISP Investments Inc.)	08/365258	12/28/94	5609865	03/11/97
Process for making substantially homogeneous polymers	ISP Capital, Inc. (ISP Investments Inc.)	08/365384	12/28/94	6136934	10/24/00
Process for making substantially homogeneous copolymers of vinylpyrrolidone and n-3,3-dimethylaminopropyl methacryl-amide for personal care applications	ISP Capital, Inc. (ISP Investments Inc.)	08/655492	05/30/96	6110454	08/29/00
A composition of an active component and free flowing particles of a polysaccharide matrix having significantly improved water dispersibility and stability in aqueous solutions	ISP Capital, Inc. (ISP Investments Inc.)	09/010642	01/22/98	6096345	08/01/00

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Process for the color stabilization of an aqueous n-vinyl heterocyclic copolymer solution	ISP Capital, Inc. (ISP Investments Inc.)	08/355137	12/13/94	5534564	07/09/96
Synergistic water soluble preservative compositions of biocidal mixtures	ISP Chemical Products, Inc. (ISP Investments Inc.)	08/234089	04/28/94	5428050	06/27/95
Synergistic water soluble preservative compositions of biocidal mixtures	IP Chemical Products, Inc. (ISP Investments Inc.)	08/652190	05/23/96	5631273	05/20/97
Synergistic water soluble preservative compositions of biocidal mixtures	ISP Chemical Products, Inc. (ISP Investments Inc.)	08/413742	03/30/95	5552425	09/03/96
Synergistic water soluble preservative compositions of biocidal mixtures	ISP Chemical Products, Inc. (ISP Investments Inc.)	08/392635	02/22/95	5496842	03/05/96
Low voc hair spray resin composition of improved properties	ISP Capital, Inc. (ISP Investments Inc.)	08/298738	08/31/94	5637296	06/10/97
80% voc single phase aerosol hair spray composition	ISP Capital, Inc. (ISP Investments Inc.)	08/276135	07/18/94	5435993	07/25/95
Process for the preparation of stable water based stock solutions of crosslinked lower alkyl vinyl ether and maleic anhydride copolymers and hydrogel product of process	ISP Capital, Inc. (ISP Investments Inc.)	08/359096	12/19/94	5539039	07/23/96
Low voc hair spray composition	ISP Capital, Inc. (ISP Investments Inc.)	08/369016	01/05/95	5597551	01/28/97
Free-flowing non-dusting water dispersible granules of a water-insoluble hydrophobic agriculturally active chemical having low friability and superior crush strength which are capable of forming stable suspensions in water without foaming for delivery of said chemical to a desired site	ISP Capital, Inc. (ISP Investments Inc.)	08/512742	08/08/95	5629261	05/13/97

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Low voc, sunscreen spray composition containing a hydrophobic, film-forming polymer	ISP Capital, Inc. (ISP Investments Inc.)	08/505090	07/21/95	5653965	08/05/97
Reactive extrusion process for making mixed salts of polymer containing an anhydride, acid or ester side groups	ISP Capital, Inc. (ISP Investments Inc.)	08/516029	08/17/95	5635568	06/03/97
Wetting agent concentrate for agricultural chemicals	ISP Capital, Inc. (ISP Investments Inc.)	08/356941	12/15/94	5508249	04/16/96
Low voc hair spray resin compositions containing homogeneous terpolymers of vinyl pyrrolidone, vinyl caprolactam and 3-(n-dimethylaminopropyl) methacrylamide	ISP Capital, Inc. (ISP Investments Inc.)	08/365259	12/28/94	5626836	05/06/97
Process for preparation of cinnamate sunscreen agents	ISP Van Dyk, Inc. (ISP Investments Inc.)	08/358438	12/19/94	5527947	06/18/96
A stabilized liquid emulsifiable concentrate for a sulfonyl or sulfamoylurea herbicide to hydrolysis in liquid formulations providing increased hydrolytic stability	ISP Investments Inc.	08/733285	10/17/96	5731264	03/24/98
Stable single phase w/o microemulsion matrix formulation for forming sprayable aerosol agriculturally active compositions	ISP Capital, Inc. (ISP Investments Inc.)	08/444600	05/19/95	5603942	02/18/97
Soluble polymer based matrix for chemically active water insoluble components	ISP Capital, Inc. (ISP Investments Inc.)	08/795022	02/04/97	5776856	07/07/98
Processless diacetylenic salt films capable of developing a black image	ISP Capital, Inc. (ISP Investments Inc.)	08/652144	05/23/96	5731112	03/24/98
Processless diacetylenic salt films capable of developing a black image	ISP Capital, Inc. (ISP Investments Inc.)	09/035607	03/05/98	6177578	01/23/01

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Process for producing an alpha or beta-hydroxy acid vinyl-pyrrolidone polymer copolymer or graftpolymer complex in the form of free-flowing powders having a high acid loading	ISP Capital, Inc. (ISP Investments Inc.)	08/537566	10/02/95	5645859	07/08/97
Oil adduct conditioners	ISP Van Dyk, Inc. (ISP Investments Inc.)	08/544750	10/18/95	5731450	03/24/98
A colorless non-toxic stabilized aqueous solution of a c1-c5 alkyl vinyl ether and maleic acid copolymer	ISP Capital, Inc. (ISP Investments Inc.)	08/528380	09/13/95	5739183	04/14/98
A colorless non-toxic stabilized aqueous solution of a c1-c5 alkyl vinyl ether and maleic acid copolymer	ISP Capital, Inc. (ISP Investments Inc.)	08/542579	10/13/95	5621136	04/15/97
Co-processing method for making a free-flowing compressible powder and tablet therefrom	ISP Capital, Inc. (ISP Investments Inc.)	08/508361	07/28/95	5560927	10/01/96
Hair spray composition having 80% or less voc and advantageous physical and performance characteristics	ISP Capital, Inc. (ISP Investments Inc.)	08/569809	12/08/95	5614173	03/25/97
Innovative-type hair spray concentrate capable of delivering reduced voc spray particles having advantageous physical and performance characteristics	ISP Capital, Inc. (ISP Investments Inc.)	08/740344	11/07/96	5759522	06/02/98
Strongly swellable, moderately crosslinked copolymers of vinylpyrrolidone and vinyl acetate	ISP Capital, Inc. (ISP Investments Inc.)	08/603668	02/20/96	5663258	09/02/97
Cosmetic composition for rejuvenation of skin without skin irritation	ISP Capital, Inc. (ISP Investments Inc.)	08/644998	05/14/96	5736128	04/07/98

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Process for providing homogeneous copolymers of vinyl- pyrrolidone and 3-dimethylaminopropyl methacrylamide (dmapma which form clear aqueous solutions having high cloud points	ISP Capital, Inc. (ISP Investments Inc.)	08/685366	07/23/96	5684105	11/04/97
Stabilized vinyl ether composition	ISP Capital, Inc. (ISP Investments Inc.)	08/711771	09/10/96	5691462	11/25/97
Cosmetic composition of an alpha or beta-hydroxy acid and a polyvinylpyrrolidone-complexing agent	ISP Capital, Inc. (ISP Investments Inc.)	08/522781	09/01/95	5728390	03/17/98
Aqueous product comprising discrete, stabilized, microdrop- lets of an oil and an in situ polymerized vinyl monomer, containing a thickening agent to homogeneously suspend the microdroplets throughout the medium	ISP Capital, Inc. (ISP Investments Inc.)	08/596896	03/13/96	5711951	01/27/98
One-step process for making lightly-crosslinked polyvinyl- pyrrolidone hydrogel	ISP Capital, Inc. (ISP Investments Inc.)	08/648789	05/16/96	5654385	08/05/97
Polymerizable composition of vinylpyrrolidone and vinyl caprolactam	ISP Capital, Inc. (ISP Investments Inc.)	08/595902	02/06/96	5567786	10/22/96
Radiation dosimetry method and apparatus	ISP Capital, Inc. (ISP Investments Inc.)	08/554540	11/07/95	5637876	06/10/97
Method for manufacturing calibrated radiation dosimeter	ISP Capital, Inc. (ISP Investments Inc.)	08/640088	04/30/96	5777341	07/07/98
Radiation dosimetry method and apparatus	ISP Capital, Inc. (ISP Investments Inc.)	08/756010	11/25/96	5767520	06/16/98

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Method for manufacturing calibrated radiation dosimeter	ISP Capital, Inc. (ISP Investments Inc.)	09/013828	01/27/98	6268602	07/31/01
Fixative polymers	ISP Capital, Inc. (ISP Investments Inc.)	08/857954	05/16/97	5830439	11/03/98
Fixative polymers	ISP Capital, Inc. (ISP Investments Inc.)	09/034574	03/04/98	5972329	10/26/99
Radiation dosimetry method and associated apparatus	ISP Investments Inc.	09/216349	12/18/98	6285031	09/04/01
Process for making derivatized polymers of maleic anhydride containing maleamic acid and its corresponding cyclic imide repeat units	ISP Capital, Inc. (ISP Investments Inc.)	08/845669	04/25/97	5869695	02/09/99
Process for making derivatized polymers of maleic anhydride containing maleamic acid and its corresponding cyclic imide repeat units	ISP Capital, Inc. (ISP Investments Inc.)	09/104309	06/24/98	5959122	09/28/99
Personal care product including a derivatized polymer of maleic anhydride repeat units	ISP Capital, Inc. (ISP Investments Inc.)	09/191736	11/13/98	5994385	11/30/99
Hydroxyamino derivatized polymers of alpha-olefin maleic anhydride in the form of their maleimide maleamic acid and alpha olefin-maleic anhydride half-acid/half ester or full acid repeat units process for making same	ISP Capital, Inc. (ISP Investments Inc.)	09/103386	06/24/98	5886194	03/23/99
Denture adhesive	ISP Capital, Inc. (ISP Investments Inc.)	08/730507	10/11/96	5763554	06/09/98
Vinyl pyrrolidone polymers substantially free of vinyl lactam monomer	ISP Capital, Inc. (ISP Investments Inc.)	08/993908	12/18/97	5830964	11/03/98

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Crosslinked polyvinylpyrrolidone (pvpp) copolymer of vinyl pyrrolidone (vp) and monomer derived from 1-vinyl-3-(e)-ethylidene pyrrolidone (evp)	ISP Capital, Inc. (ISP Investments Inc.)	08/932893	09/18/97	6011160	01/04/00
Crosslinked polyvinylpyrrolidone (pvpp) copolymer of vinyl pyrrolidone (vp) and monomer derived from 1-vinyl-3-(e)-ethylidene pyrrolidone (evp)	ISP Capital, Inc. (ISP Investments Inc.)	09/368593	08/04/99	6124415	09/26/00
Process for making vinyl ether polymers	ISP Capital, Inc. (ISP Investments Inc.)	08/697463	08/26/96	5691430	11/25/97
Piperidine antioxidants and comositions therewith for preventing the fading of artificial hair dye	ISP Capital, Inc. (ISP Investments Inc.)	09/146571	09/03/98	6008359	12/28/99
Compositions for preventing the fading of artificial hair dye	ISP Capital, Inc. (ISP Investments Inc.)	09/040650	03/17/98	5922310	07/13/99
A method for preventing or retarding the formation of gas hydrates	ISP Capital, Inc. (ISP Investments Inc.)	08/743696	11/06/96	5723524	03/03/98
Solvent-free, fine white powders of high molecular weight copolymers of maleic anhydride and a c1-c4 alkyl vinyl ether without odor or taste	ISP Capital, Inc. (ISP Investments Inc.)	09/270175	03/16/99	6184325	02/06/01
Solvent-free copolymers of maleic anhydride and alkyl vinyl ethers having a specific viscosity of 0.5 to 5	ISP Capital, Inc. (ISP Investments Inc.)	09/268834	03/16/99	6214956	04/10/01
Solvent-free, fine white powders of a copolymer of maleic anhydride and a c1-c4 alkyl vinyl ether substantially free of poly(alkyl vinyl ether) homopolymer	ISP Capital, Inc. (ISP Investments Inc.)	09/270176	03/16/99	6211318	04/03/01

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Derivatized polymers of alpha-olefin maleic anhydride alkyl half-ester or full acid, optionally with repeat units of maleamic acid and/or maleimide therein and hair spray compositions therewith	ISP Capital, Inc. (ISP Investments Inc.)	09/103856	06/24/98	6025501	02/15/00
Process for increasing the viscosity of aqueous solutions of homogeneous copolymers of vinyl pyrrolidone and n-3,3-dimethylaminopropyl methacrylamide	ISP Capital, Inc. (ISP Investments Inc.)	08/910127	08/13/97	5844041	12/01/98
Water-based microemulsion of a pyrethroid biologically active materials	ISP Capital, Inc. (ISP Investments Inc.)	09/098658	06/17/98	6045816	04/04/00
Water-based microemulsion of a pyrethroid	ISP Capital, Inc. (ISP Investments Inc.)	09/542350	04/04/00	6251416	06/26/01
Solid delivery system (sds) for active agricultural chemicals	ISP Capital, Inc. (ISP Investments Inc.)	08/850792	05/02/97	5928992	07/27/99
Aqueous, flowable suspension concentrate of an agriculturally active chemical, and sprayable use formulation thereof	ISP Capital, Inc. (ISP Investments Inc.)	09/164541	09/30/98	6156803	12/05/00
Solvent free process for making high molecular weight ter- polymers of maleic anhydride c1-c4 alkyl vinyl ether and isobutylene	ISP Capital, Inc. (ISP Investments Inc.)	08/942830	10/02/97	5939506	08/17/99
Dentifrice composition including a solvent free high molecular weight uncrosslinked terpolymer of maleic anhydride c1-c4 alkyl vinyl ether and isobutylene	ISP Capital, Inc. (ISP Investments Inc.)	09/097895	06/16/98	6046291	04/04/00
Mouthwash composition including a solvent-free, high molecular weight uncrosslinked terpolymer of maleic anhydride, c1-c4 alkyl vinyl ether and isobutylene	ISP Capital, Inc. (ISP Investments Inc.)	09/396026	09/15/99	6117416	09/12/00

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Denture adhesive including a solvent free high molecular weight terpolymer of maleic anhydride a c1-c4 alkyl vinyl ether and isobutylene	ISP Capital, Inc. (ISP Investments Inc.)	09/097728	06/16/98	5900470	05/04/99
Solvent free process for making high molecular weight ter- polymers of maleic anhydride c1-c4 alkyl vinyl ether and isobutylene	ISP Capital, Inc. (ISP Investments Inc.)	09/139680	08/25/98	5959053	09/28/99
Vinyl amide polymer delivery system for hair and skin treating compositions	ISP Capital, Inc. (ISP Investments Inc.)	09/203910	12/02/98	6177068	01/23/01
Water dispersible perfluoroether polymer encapsulates	ISP Capital, Inc. (ISP Investments Inc.)	08/948914	10/10/97	5779944	07/14/98
Water soluble dye complexing polymers	ISP Capital, Inc. (ISP Investments Inc.)	08/932448	09/19/97	5776879	07/07/98
Water soluble dye complexing polymers	ISP Capital, Inc. (ISP Investments Inc.)	09/044616	03/19/98	5929175	07/27/99
Water soluble dye complexing polymers	ISP Capital, Inc. (ISP Investments Inc.)	09/299354	04/26/99	6093776	07/25/00
Water soluble dye complexing polymers	ISP Capital, Inc. (ISP Investments Inc.)	09/287923	04/07/99	6103831	08/15/00
Emulsifier composition for skin care formulations	ISP Capital, Inc. (ISP Investments Inc.)	08/854016	05/08/97	5849315	12/15/98
Release coating compositions comprising an acrylate- functional silicone resin and a vinylether	ISP Capital, Inc. (ISP Investments Inc.)	08/948208	10/09/97	6011079	01/04/00

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Process for making crosslinked copolymers of maleic anhydride and methyl vinyl ether	ISP Capital, Inc. (ISP Investments Inc.)	08/932996	09/18/97	5874510	02/23/99
A method for inhibiting the formation of gas hydrates	ISP Capital, Inc. (ISP Investments Inc.)	09/168981	10/07/98	6096815	08/01/00
A method for inhibiting the formation of gas hydrates	ISP Capital, Inc. (ISP Investments Inc.)	09/452557	12/01/99	6093863	07/25/00
Conditioning/styling terpolymers	ISP Capital, Inc. (ISP Investments Inc.)	09/307211	05/07/99	6207778	03/27/01
Light stable antimicrobial product which is a silver- allantoin complex encapsulated with allantoin	ISP Capital, Inc. (ISP Investments Inc.)	09/053535	04/01/98	5863548	01/26/99
Water-free concentrate of amitraz insecticide and clear pour-on formulations thereof	ISP Capital, Inc. (ISP Investments Inc.)	09/121072	07/21/98	6024972	02/15/00
Emulsion concentrates of fungicides, and aqueous use formulations thererof for wood preservation	ISP Capital, Inc. (ISP Investments Inc.)	09/139810	08/25/98	6033681	03/07/00
Water-dilutable, microemulsion concentrate and pour-on formulations thereof	ISP Capital, Inc. (ISP Investments Inc.)	09/160120	09/24/98	5968990	10/19/99
Homogeneous copolymers containing vinyl pyrrolidone and 2-methylene-1,3-dioxepane and process for making same	ISP Capital, Inc. (ISP Investments Inc.)	09/071841	05/01/98	5912312	06/15/99
High molecular weight, homogeneous, branched copolymers of maleic anhydride and alkyl vinyl ether monomers	ISP Capital, Inc. (ISP Investments Inc.)	09/263450	03/05/99	6197908	03/06/01

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
High molecular weight, homogeneous, branched copolymers of maleic anhydride and alkyl vinyl ether monomers	ISP Capital, Inc. (ISP Investments Inc.)	09/731132	12/06/00	6252026	06/26/01
Sunscreen concentrate	ISP Capital, Inc. (ISP Investments Inc.)	08/968171	11/12/97	5916544	06/29/99
Personal care composition containing a clear homogeneous polymer of an n-vinyl lactam	ISP Capital, Inc. (ISP Investments Inc.)	09/014465	01/28/98	5997855	12/07/99
Premix composition for clarifying beer	ISP Investments Inc.	10/648660	08/26/03	7153534	12/26/06
Curable, unsaturated polyester compositions	ISP Capital, Inc. (ISP Investments Inc.)	09/064210	04/22/98	6063864	05/16/00
Personal care composition containing a homogeneous terpolymer of an n-vinyl lactam and a polysiloxane	ISP Capital, Inc. (ISP Investments Inc.)	09/495129	02/01/00	6193961	02/27/01
Cosmetic composition for rejuvenation of skin without skin irritation	ISP Capital, Inc. (ISP Investments Inc.)	09/166191	10/05/98	6312714	11/06/01
Polymeric delivery and release systems for oral care actives	ISP Capital, Inc. (ISP Investments Inc.)	09/568259	05/10/00	6315987	11/13/01
Polymeric delivery and release systems for oral care actives	ISP Investments Inc.	09/921186	08/02/01	6464961	10/15/02
Drug delivery composition including a complex of poly (maleic diacid-alkyl vinyl ether) and polyvinylpyrrolidone	ISP Capital, Inc. (ISP Investments Inc.)	09/146422	09/03/98	6129931	10/10/00
Stabilization of vinylether and vinyl lactam formulations against hydrolysis	ISP Capital, Inc. (ISP Investments Inc.)	09/764641	01/18/01	6417356	07/09/02

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Storage stabilized oxygen degradable polymer	ISP Capital, Inc. (ISP Investments Inc.)	09/153943	09/16/98	6331333	12/18/01
Storage stabilized oxygen degradable polymer	ISP Investments Inc.	09/911029	07/23/01	6418702	07/16/02
Stable medicated animal care formulation	ISP Investments Inc.	09/947802	09/06/01	6506396	01/14/03
Stabilized concentrates of water unstable aza compounds and o/w miniemulsions thereof aromatic carbodiimides	ISP Capital, Inc. (ISP Investments Inc.)	09/169697	10/09/98	6255350	07/03/01
Process for the production of n-vinyl-2-pyrrolidone by vinylation	ISP Capital, Inc. (ISP Investments Inc.)	09/222197	12/29/98	6462201	10/08/02
A method for preventing or retarding the formation of gas hydrates	ISP Capital, Inc. (ISP Investments Inc.)	09/204768	12/03/98	6117929	09/12/00
Radiation polymerizable vinylether-based compositions	ISP Capital, Inc. (ISP Investments Inc.)	09/288468	04/08/99	6174933	01/16/01
Aliphatically unsaturated hydroxy benzoates and preservative compositions thereof	ISP Capital, Inc. (ISP Investments Inc.)	09/225629	01/05/99	6316500	11/13/01
Product and process for making quaternized, water soluble vinylpyridine carboxylate polymers	ISP Capital, Inc. (ISP Investments Inc.)	09/211734	12/15/98	6156829	12/05/00
Process for producing a suspension of a vinylpyridine polymer in high polymer purity	ISP Capital, Inc. (ISP Investments Inc.)	09/211909	12/15/98	6011096	01/04/00
Product and process for making quaternized, water soluble vinylpyridine carboxylate polymers	ISP Capital, Inc. (ISP Investments Inc.)	09/401113	09/22/99	6271386	08/07/01

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Stable, aqueous cationic hydrogel	ISP Capital, Inc. (ISP Investments Inc.)	09/781505	01/12/01	6667029	12/23/03
Product-structurant composition for personal care formulations	ISP Capital, Inc. (ISP Investments Inc.)	09/395382	09/14/99	6368607	04/09/02
Water-based microemulsions of a lower alkyl ester of quinoxalinyl herbicide	ISP Capital, Inc. (ISP Investments Inc.)	09/505306	02/16/00	6187715	02/13/01
Process for making vinyl caprolactam-based polymers	ISP Capital, Inc. (ISP Investments Inc.)	09/346213	07/01/99	6225429	05/01/01
High purity adduct of castor oil and maleic anhydride	ISP Capital, Inc. (ISP Investments Inc.)	09/343663	06/29/99	6225485	05/01/01
Fast drying biocidal preservative composition	ISP Capital, Inc. (ISP Investments Inc.)	09/464758	12/16/99	6197098	03/06/01
Aqueous dispersions of low-molecular weight, low-melting and water-insoluble polymers	ISP Investments Inc.	09/924191	08/08/01	6624242	09/23/03
Aqueous suspension agent for water insoluble compound	ISP Investments Inc.	10/209122	07/31/02	7019046	03/28/06
A method for preventing or retarding the formation of gas hydrates	ISP Capital, Inc. (ISP Investments Inc.)	09/351900	07/13/99	6451892	09/17/02
A method for preventing or retarding the formation of gas hydrates	ISP Capital, Inc. (ISP Investments Inc.)	09/415657	10/12/99	6281274	08/28/01
Corrosion inhibition during transport of water and a hydrocarbon through a pipeline	ISP Capital, Inc. (ISP Investments Inc.)	09/416307	10/12/99	6432355	08/13/02

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Thermal protection of hair keratin	ISP Capital, Inc. (ISP Investments Inc.)	09/337995	06/22/99	6241977	06/05/01
Color inkjet receptive films having long term light stability	ISP Capital, Inc. (ISP Investments Inc.)	09/573805	05/18/00	6514600	02/04/03
Process for making quaternized vinylpyridine carboxylate polymers using suspension polymerization	ISP Capital, Inc. (ISP Investments Inc.)	09/401112	09/22/99	6201046	03/13/01
Process for making water soluble polyvinylcaprolactam polymers	ISP Investments Inc.	09/642545	08/18/00	6369180	04/09/02
Blend for preventing or retarding the formation of gas hydrates	ISP Capital, Inc. (ISP Investments Inc.)	09/496870	02/02/00	6180699	01/30/01
Water soluble dye complexing polymers	ISP Capital, Inc. (ISP Investments Inc.)	09/636659	08/11/00	6432909	08/13/02
Laundry detergent compositions containing water soluble dye complexing polymers	ISP Capital, Inc. (ISP Investments Inc.)	09/730423	12/05/00	6482790	11/19/02
High purity, clear, light stable, formaldehyde-free preservative compositions containing a compound formed by the reaction of excess glycine and formaldehyde at low temperatures	ISP Capital, Inc. (ISP Investments Inc.)	09/572517	05/17/00	6340707	01/22/02
A method for preventing or retarding the formation of gas hydrates	ISP Capital, Inc. (ISP Investments Inc.)	09/553929	04/21/00	6242518	06/05/01
Continuous solvent free process for making copolymers of maleic anhydride and c1-4 alkyl vinyl ether	ISP Capital, Inc. (ISP Investments Inc.)	09/861044	05/18/01	6451944	09/17/02

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Continuous, solvent-free process for making terpolymers of maleic anhydride, c1-4 alkyl vinyl ether and isobutylene	ISP Capital, Inc. (ISP Investments Inc.)	09/611088	07/06/00	6365691	04/02/02
Synergistic effect on viscosity between associative polymers	ISP Capital, Inc. (ISP Investments Inc.)	09/557623	04/25/00	6451299	09/17/02
Water-resistant color inkjet receptive films	ISP Capital, Inc. (ISP Investments Inc.)	09/663010	09/15/00	6620521	09/16/03
Laundry detergent compositions containing a soil release polymer	ISP Capital, Inc. (ISP Investments Inc.)	09/827890	04/06/01	6586387	07/01/03
Gel inhibited liquid carrier for a biocide containing a carbodiimide and an emulsifier mixture	ISP Capital, Inc. (ISP Investments Inc.)	09/754172	01/04/01	6479438	11/12/02
Tablet coating formulation	ISP Investments Inc.	09/875511	06/05/01	6620426	09/16/03
A method for preventing or retarding the formation of gas hydrates	ISP Capital, Inc. (ISP Investments Inc.)	09/712553	11/14/00	6451891	09/17/02
Polymeric composition	ISP Capital, Inc. (ISP Investments Inc.)	09/784268	02/15/01	6548597	04/15/03
Polymeric system for delivering an active material	ISP Investments Inc.	09/882415	06/15/01	6541565	04/01/03
Post-treatment of a polymeric composition	ISP Investments Inc.	09/881906	06/15/01	6713538	03/30/04
Post-treatment of a polymeric composition	ISP Investments Inc.	10/388697	03/14/03	6872787	03/29/05
Rheology modifier for use in aqueous compositions	ISP Investments Inc.	09/882418	06/15/01	6458888	10/01/02
Gas hydrate inhibitor	ISP Capital, Inc. (ISP Investments Inc.)	09/812504	03/20/01	6359047	03/19/02

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Polymeric hydrogels	ISP Investments Inc.	10/177995	06/21/02	6583225	06/24/03
Polymeric hydrogels	ISP Investments Inc.	10/397900	03/26/03	6706817	03/16/04
Emulsifiable concentrate of a water-insoluble fungicide	ISP Capital, Inc. (ISP Investments Inc.)	09/855866	05/15/01	6355675	03/12/02
Synergistic filler composition	ISP Investments Inc.	09/915057	07/25/01	6524617	02/25/03
Terpolymer of maleic acid, maleic anhydride and alkylvinylether	ISP Investments Inc.	10/175093	06/19/02	6562928	05/13/03
Process for making vinyl caprolactam-based polymers	ISP Investments Inc.	09/900346	07/06/01	6569973	05/27/03
Water miscible emulsions of pyrethroid insecticides or triazole fungicides	ISP Investments Inc.	09/952120	09/14/01	6541516	04/01/03
Shelf life extgension of microemulsions containing active aza biocide	ISP Investments Inc.	10/023013	12/18/01	6740653	05/25/04
Natural feel polymers	ISP Investments Inc.	10/233838	08/30/02	7041281	05/09/06
Personal Care Products	ISP Investments Inc.	10/353390	01/29/03	7005125	02/28/06
Personal care compositions	ISP Investments Inc.	10/722787	11/26/03	7018625	03/28/06
Proliferous copolymer of vinyl pyrrolidone and vinyl acetate	ISP Investments Inc.	10/071753	02/07/02	6620900	09/16/03
Proliferous copolymer of vinyl pyrrolidone and vinyl acetate	ISP Investments Inc.	10/663565	09/16/03	6806334	10/19/04
Preservative compounds	ISP Investments Inc.	10/142627	05/10/02	6562993	05/13/03
Gel inhibited liquid carrier for a biocide containing a carbodiimide and an emulsifier mixture	ISP Investments Inc.	10/077612	02/15/02	6767548	07/27/04
Process for producing 2,6-dihydroxy-3,4-dialkylpyridines	ISP Investments Inc.	10/109434	03/28/02	6624307	09/23/03
Aqueous delivery systems for water soluble agricultural actives using polymeric dispersants	ISP Investments Inc.	10/314596	12/09/02	7004991	02/28/06
Biocidal mixture of 2-propenal-releasing polymer and isothiazolones	ISP Investments Inc.	09/975880	10/11/01	6576230	06/10/03

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Biocidal mixture of 2-propenal-releasing polymer and isothiazolones	ISP Investments Inc.	10/411452	04/10/03	6902727	06/07/05
Controlled release microbiocide for porous surfaces	ISP Investments Inc.	09/975875	10/11/01	6649567	11/18/03
Liquid compositions of ipbc in polyethylene glycol, polypropylene glycol or polypropylene glycol glyceryl esters	ISP Investments Inc.	10/313420	12/06/02	6616740	09/09/03
Substrate for color inkjet printing	ISP Investments Inc.	10/162839	06/05/02	6641259	11/04/03
Method for preparing 1,2-dibromo-2,4-dicyanobutane	ISP Investments Inc.	10/132022	04/25/02	6548692	04/15/03
Coated substrates for computer printers	ISP Investments Inc.	10/153411	05/22/02	6806310	10/19/04
Terpolymer compositions for coating substrates used in computer printers	ISP Investments Inc.	11/143810	06/02/05	7402641	07/22/08
Terpolymer compositions for coating substrates used in computer printers	ISP Investments Inc.	10/926519	08/26/04	6939934	09/06/05
Inkjet printing composition	ISP Investments Inc.	10/183885	06/27/02	6682188	01/27/04
Leach resistant oil based carrier for cosmetically and pharmaceutically active agents	ISP Investments Inc.	10/350404	01/23/03	6664356	12/16/03
Polymeric interpenetrated network carrier and serial polymerization involving a crosslinked polymer network	ISP Investments Inc.	10/705691	11/10/03	7371369	05/13/08
Process for making a solution of copolymers of maleic anhydride and alkyl vinyl ether in isopropyl acetate of high specific viscosity and at a high solids level	ISP Investments Inc.	10/304649	11/26/02	6624271	09/23/03
Delivery system for a tooth whitener	ISP Investments Inc.	10/283439	10/30/02	6893629	05/17/05
Long-lasting antimicrobial reaction product of allantoin and formaldehyde containing a low level of free formaldehyde	ISP Investments Inc.	11/121547	05/04/05	7087762	08/08/06
Aqueous suspension agent for water insoluble compounds	ISP Investments Inc.	10/209122	07/31/02	7019046	03/28/06

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Lithium salt of polyacetylene as radiation sensitive filaments and preparation and use thereof	ISP Investments Inc.	11/338017	01/24/06	7445880	11/04/08
Synergistic coating composition for inkjet printing	ISP Investments Inc.	11/057649	02/14/05	7439295	10/21/08
Process for making vinyl ether polymers	ISP Investments Inc.	10/642029	08/14/03	6797793	09/28/04
Process of making d-panthenyl triacetate	ISP Investments Inc.	10/611095	07/01/03	6982346	01/03/06
Compositions containing phenethyl aryl esters as solubilizing agents for active organic compounds	ISP Investments Inc.	10/617497	07/11/03	7166275	01/23/07
Compositions containing phenethyl aryl esters as solubilizing agents for active organic compounds	ISP Investments Inc.	10/859533	06/02/04	7691363	04/06/10
Sunscreen compositions	ISP Investments Inc.	10/961564	10/08/04	7132097	11/07/06
Delivery system for wood treatment chemicals	ISP Investments Inc.	10/456307	06/06/03	6884285	04/26/05
Antimicrobial oxazolidine/iodopropynyl-butyl carbamate composition containing less than 0.1 wt.% free formaldehyde	ISP Investments Inc.	10/770280	02/02/04	7115641	10/03/06
Binder composition and method for processing poorly compressible drugs into tablets of predetermined hardness and friability	ISP Investments Inc.	10/641878	08/15/03	7704528	04/27/10
Process for the preparation of dronedarone	ISP Investments Inc.	10/494960	10/20/04	7312345	12/25/07
Process for making a vinyl amide polymer composition for skin and hair compositions	ISP Investments Inc.	10/300124	11/20/02	6566473	05/20/03
Tablet of compacted particulate cleaning composition	ISP Investments Inc.	10/293082	11/13/02	6821941	11/23/04
Process for the preparation of dexmethylphenidate hydrochloride	ISP Investments Inc.	10/793080	03/04/04	7247730	07/24/07
Process for the preparation of threo-methylphenidate hydrochloride	ISP Investments Inc.	10/793600	03/04/04	7002016	02/21/06

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Polymeric delivery and release systems for oral care actives	ISP Investments Inc.	10/461796	06/13/03	7048912	05/23/06
Conditioning/styling tetrapolymers	ISP Investments Inc.	10/848101	05/18/04	6852815	02/08/05
Fragrance delivery system	ISP Investments Inc.	10/669048	09/23/03	6875732	04/05/05
Mending hair damage with polyelectrolyte complexes	ISP Investments Inc.	11/484251	07/11/06	7837983	11/23/10
Antimicrobial compositions	ISP Investments Inc.	10/820349	04/08/04	7935732	05/03/11
Stable, neutral ph, voc-free biocidal compositions of 1,2-benzisothiazolin-3-one	ISP Investments Inc.	10/818890	04/06/04	7105555	09/12/06
Stable, neutral ph, voc-free biocidal compositions of 1,2-benzisothiazolin-3-one	ISP Investments Inc.	11/519641	09/12/06	7666887	02/23/10
Stable wetting concentrate	ISP Investments Inc.	10/850297	05/20/04	6967190	11/22/05
Process of making polymeric hydrogels by reactive extrusion	ISP Investments Inc.	10/801232	03/16/04	7122602	10/17/06
Process of making polymeric hydrogels by reactive extrusion	ISP Investments Inc.	11/545324	10/10/06	7288597	10/30/07
Method for the preparation of 5-methylpyrazine-2-carboxylic acid-4-oxide and its salts	ISP Investments Inc.	10/829886	04/22/04	7151178	12/19/06
Pharmaceutically acceptable inorganic and organic salts of 5-methylpyrazine-2-carboxylic acid-4-oxide	ISP Investments Inc.	10/848098	05/18/04	7153965	12/26/06
Preparation of hydrogen peroxide/polymer complexes in powder form -	ISP Investments Inc. acquired from basf	08/565394	11/30/95	5674436	10/07/97
Antiperspirant compositions	ISP Investments Inc.	10/952949	09/29/04	7208143	04/24/07
Personal care compositions	ISP Investments Inc.	11/128020	05/12/05	7964201	06/21/11
Rheology modifier/hair styling resin	ISP Investments Inc.	10/964948	10/14/04	7205271	04/17/07
Process for making vinyl pyrrolidone/vinyl acetate copolymers having a very low residual vinyl pyrrolidone monomer level within a short production cycle	ISP Investments Inc.	10/946500	09/21/04	6939927	09/06/05

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Free-flowing composition of a biocide and a processing additive therewith for incorporation into a polymer or plastic matrix product	ISP Investments Inc.	11/100655	04/07/05	7951852	05/31/11
Radiation sensitive film including a measuring scale	ISP Investments Inc.	11/282095	11/17/05	7482601	01/27/09
Process and apparatus for forming agglomerates of a powder composition of an active and binder	ISP Investments Inc.	11/226574	09/14/05	7534381	05/19/09
Solubilizing agents for active or functional organic compounds	ISP Investments Inc.	11/337857	01/23/06	7785573	08/31/10
Process for making copolymers of maleic anhydride and alkyl vinyl ether of high specific viscosity	ISP Investments Inc.	11/158126	06/21/05	7396886	07/08/08
Coating compositions for forming inkjet-receptive coatings on a substrate	ISP Investments Inc.	11/207159	08/18/05	7972666	07/05/11
Coating composition for forming an inkjet-printable coating on a substrate	ISP Investments Inc.	11/207133	08/18/05	7432322	10/07/08
Antimicrobial composition of 3-iodo-2-propynylbutyl carbamate and 1,3-butyleneglycol as solvent	ISP Investments Inc.	11/439702	05/23/06	7740876	06/22/10
Human and scanner readable radiation exposure indicator with reactive barcode	ISP Investments Inc.	11/781500	07/23/07	7798414	09/21/10
Shale inhibition	ISP Investments Inc.	11/266787	11/04/05	7605112	10/20/09
Process for the preparation of 1-(aminomethyl) cyclohexaneacetic acid	ISP Investments Inc.	11/291604	12/01/05	7071356	07/04/06
Plasticized pvc compositions	ISP Investments Inc.	11/273663	11/14/05	7411012	08/12/08
Method for calibrating a radiation detection medium	ISP Investments Inc.	11/408234	04/20/06	7405412	07/29/08
Coating compositions for forming inkjet-receptive coatings on a substrate	ISP Investments Inc.	11/546069	10/11/06	7651748	01/26/10
Cleaning tablet	ISP Investments Inc.	11/731972	04/02/07	7964551	06/21/11
Color cosmetic compositions	ISP Investments Inc.	11/395605	03/31/06	7799321	09/21/10

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Method for removing the effect of light scattering in a digitized image of a light-scattering film	ISP Investments Inc.	11/836389	08/09/07	7933463	04/26/11
Dosimeter badge	ISP Investments Inc.	29/296855	10/30/07	D580281	11/11/08
Glycine anhydride dimethylol as a biocide and preservative	ISP Investments Inc.	08/427267	04/24/95	5593681	01/14/97
Two-stage process for the hydrogenation of maleic acid to 1,4-butanediol	Innovene USA, LLC (ISP Investments Inc.)	10/645429	08/21/03	6989455	01/24/06
Catalysts for maleic acid hydrogenation to 1,4-butanediol	BP Corporation North America, Inc. (ISP Investments Inc.)	10/883106	07/01/04	7935834	05/03/11
Process for the hydrogenation of maleic acid to 1,4-butanediol	Innovene USA, LLC (ISP Investments Inc.)	08/373666	01/17/95	5473086	12/05/95
Catalysts for the hydrogenation of aqueous maleic acid to 1,4-butanediol	Innovene USA, LLC (ISP Investments Inc.)	08/524195	09/06/95	5698749	12/16/97
Process for the hydrogenation of maleic acid to 1,4-butanediol	Innovene USA, LLC (ISP Investments Inc.)	08/980542	12/01/97	6486367	11/26/02
Catalysts for the hydrogenation of maleic acid to 1,4-butanediol	Ineos USA, LLC (ISP Investments Inc.)	09/056193	04/06/98	5969164	10/19/99
Liquid formulations of 1,2-benzisothiazolin-3-one	ISP Investments Inc.	08/505013	07/21/95	5585033	12/17/96
Liquid formulations of 1,2-benzisothiazolin-3-one	ISP Investments Inc.	08/715395	09/13/96	5684025	11/04/97
Biocidal composition	ISP Investments Inc.	09/317751	05/24/99	6121197	09/19/00
Synergistic composition of biocides	ISP Investments Inc.	09/317752	05/24/99	6121198	09/19/00
Liquid biocidal composition of a formaldehyde adduct and an isothiazolone and method of use	ISP Investments Inc.	09/587532	06/05/00	6432433	08/13/02

TITLE	OWNER	APP. NO.	FILING DATE	PATENT NO.	ISSUE DATE
Cosmetic or pharmaceutical composition comprising peptides, uses, and treatment processes	ISP Investments Inc.	12/071002	02/14/08	7674451	03/09/10
Use of compounds inducing the synthesis of SIRT proteins in or for the preparation of a cosmetic or pharmaceutical composition	ISP Investments Inc.	11/910098	09/28/07	7842670	11/30/10
ALK-1-ENYL ETHERS	ISP Capital, Inc. (ISP Investments Inc.)	07/867561	04/13/92	5243089	09/07/93
ALK-1-ENYL ETHERS	ISP Capital, Inc. (ISP Investments Inc.)	07/867562	04/13/92	5227533	07/13/93
TERPOLYMER HAIR FIXATIVE RESINS PREPARED BY SOLUTION POLYMERIZATION OF MALEIC ANHYDRIDE, VINYL ACETATE AND ISOBORNYL ACRYLATE	ISP Capital, Inc. (ISP Investments Inc.)	07/820173	01/13/92	5185143	02/09/93
Composition and process for retaining active ingredients	ISP Investments Inc. (Jointly owned by ISP Investments Inc. and Rohm and Haas Company)	10/179776	06/25/02	7416739	08/26/08
RAPIDLY CURABLE VINYL ETHER RELEASE COATINGS	ISP Capital, Inc. (ISP Investments Inc.)	07/926425	08/10/92	5314929	05/24/94
ANTIMICROBIAL PRESERVATIVE COMPOSITION	ISP Chemical Products, Inc. (ISP Investments, Inc.)	09/014780	01/28/98	5942240	08/24/99
Alkylation resins from polycyclic aromatic compounds	Hercules Incorporated	08/103461	08/09/93	5391670	02/21/95
PROCESS OF MAKING POLYMERIC HYDROGEL PRODUCTS	ISP Investments Inc.	10/047525	10/23/01	6617372	09/09/03
LAUNDRY DETERGENT FORMULATION INCLUDING DIRT SUSPENDING AGENT COMPRISING BENZALKONIUM CHLORIDE AND ISOBUTYLENE-MALEIC ANHYDRIDE	ISP Investments Inc.	10/963269	10/12/04	7273838	09/25/07

PATENT APPLICATIONS

Owner	Application No.	(Application Entitled) Description
Ashland Licensing and Intellectual Property LLC	12/778,959	DEVICE AND PROCESS FOR TREATING A LIQUID MEDIUM
Ashland Licensing and Intellectual Property LLC	11/629,758	DEVICE AND METHOD FOR TREATING FLUIDS UTILIZED IN ELECTROCOATING PROCESSES USING ULTRASOUND
Ashland Licensing and Intellectual Property LLC	11/606,722	PREPREGS AND CURED IN PLACE SOLID SURFACES PREPARED THEREFROM
Ashland Oil, Inc. (Ashland Licensing and Intellectual Property LLC)	12/359,844	VEGETABLE OIL LUBRICANT COMPOSITIONS
Ashland Licensing and Intellectual Property LLC	12/082,683	TIRE DRESSING APPLICATOR
Ashland Licensing and Intellectual Property LLC	13/074,242	COATING COMPOSITIONS FOR PRODUCING TRANSPARENT SUPER-HYDROPHOBIC SURFACES
Ashland Licensing and Intellectual Property LLC	11/787,214	HYDROPHOBIC COATING COMPOSITIONS FOR DRAG REDUCTION
Ashland Inc. (Ashland Licensing and Intellectual Property LLC)	11/796,708	HIGH TEMPERATURE SHEAR STABLE NANOGRAPHITE DISPERSIONS WITH ENHANCED THERMAL CONDUCTIVITY
Ashland Licensing and Intellectual Property LLC	12/204,432	WATER BASED HYDROPHOBIC SELF-CLEANING COATING COMPOSITIONS
Ashland Licensing and Intellectual Property LLC	12/399,299	FLEXIBLE PROTECTIVE AND LUSTROUS SPRAY GEL DRESSING COMPOSITION
Ashland Licensing and Intellectual Property LLC	12/879,117	COMPOSITION CAPABLE OF RADIATION ACTIVATED CATALYSIS AND RADIATION CURABLE URETHANE CONTAINING THE COMPOSITION
Ashland Licensing and Intellectual Property LLC	11/586,501	COMPOSITION CAPABLE OF RADIATION ACTIVATED CATALYSIS AND RADIATION CURABLE URETHANE CONTAINING THIS COMPOSITION
Ashland Licensing and Intellectual Property LLC	11/586,499	METHOD OF PRODUCING FLEXIBLE LAMINATES

Owner	Application No.	(Application Entitled) Description
Ashland Licensing and Intellectual Property LLC	10/593,293	ANIONIC WATER-IN-WATER POLYMER DISPERSION, METHOD FOR THE PRODUCTION THEREOF AND ITS USE
Ashland Licensing and Intellectual Property LLC	11/908,362	METHOD FOR DETERMINING AND CONTROLLING THE FORMATION OF DEPOSITS IN A WATER SYSTEM
Ashland Licensing and Intellectual Property LLC	11/722,956	HIGHLY CATIONIC POLYMER DISPERSIONS, METHOD FOR PRODUCING THEM AND THEIR USE
Stockhausen GMBH (Ashland Licensing and Intellectual Property LLC)	11/813,136	CATIONIC POLYMER DISPERSIONS, METHOD FOR PRODUCING SAID DISPERSIONS AND USE THEREOF
Ashland Licensing and Intellectual Property LLC	12/001,519	ACRYLIC EMULSION POLYMERS FOR REMOVABLE PRESSURE SENSITIVE ADHESIVE APPLICATIONS
Ashland Licensing and Intellectual Property LLC	12/228,820	LOW BLUSH GELCOATS HAVING HIGH COLOR FASTNESS
Ashland Licensing and Intellectual Property LLC	12/001,518	ACRYLIC EMULSION POLYMERS FOR PRESSURE SENSITIVE AHDESIVES
Ashland Licensing and Intellectual Property LLC	13/162,843	BRANCHED LOW PROFILE ADDITIVES AND METHOD FOR PRODUCTION
Ashland Licensing and Intellectual Property LLC	12/151,897	BRANCHED LOW PROFILE ADDITIVES AND METHODS OF PRODUCTION
Ashland Licensing and Intellectual Property LLC	12/539,659	FORMULATIONS CONTAINING ISOSORBIDE-MODIFIED UNSATURATED POLYESTER RESINS AND LOW PROFILE ADDITIVES WHICH PRODUCE LOW SHRINKAGE MATRICES
Ashland Licensing and Intellectual Property LLC	12/534,950	MATTE SUBSTRATE
Ashland Licensing and Intellectual Property LLC	12/751,190	ULTRAVIOLET RADIATION CURABLE PRESSURE SENSITIVE ACRYLIC ADHESIVE
Ashland Licensing and Intellectual Property LLC	12/554,085	STRUCTURAL URETHANE ADHESIVES COMPRISING AMIDE POLYOLS
Ashland Licensing and Intellectual Property LLC	12/687,988	PRIMERLESS TWO-PART POLYURETHANE ADHESIVE
Ashland Licensing and Intellectual Property LLC	12/752,359	DIAMIDINE METAL COMPLEX AND METHOD OF USE
Ashland Licensing and Intellectual Property LLC	12/914,414	METHOD OF TESTING AND PROVING FUEL EFFICIENCY IMPROVEMENTS
Ashland Licensing and Intellectual Property LLC	12/605,613	HYDROPHOBIC SELF-CLEANING COATING COMPOSITIONS

Owner	Application No.	(Application Entitled) Description
Ashland Licensing and Intellectual Property LLC	13/172,304	SOLVENTLESS LAMINATING ADHESIVE FOR FLEXIBLE PACKAGING LAMINATIONS AND LAMINATED STRUCTURES MADE WITH THE ADHESIVE
Ashland Licensing and Intellectual Property LLC	61/453,695	PROCESS FOR IMPROVING THE FLOW RATE OF AN AQUEOUS SOLUTION
Hida Hasinovic; Rob Sels and Edwin Buysman, inventors (Ashland Licensing and Intellectual Property LLC)	61/432,943	HIGH VISCOSITY SPRAY EMULSION CONCRETE RELEASE AGENT
Ashland Licensing and Intellectual Property LLC	61/486,512	TWO-PART ADHESIVE
Hercules Incorporated	10/822926	Raw cotton linters composition, method of making, and uses thereof
Hercules Incorporated	11/363107	Water-soluble, low substitution hydroxyethylcellulose, derivatives thereof, process of making, and uses thereof
Hercules Incorporated	11/353621	Blocky hydroxyethylcellulose, derivatives thereof, process of making, and uses thereof
Hercules Incorporated	11/182947	Use of polyethylene glycol based fluidized polymer suspension in functional systems
Hercules Incorporated	12/487186	COLORANT COMPATIBLE SYNTHETIC THICKENER FOR PAINT
Hercules Incorporated	12/487297	COLORANT COMPATIBLE SYNTHETIC THICKENER FOR PAINT
Hercules Incorporated	11/289990	Solid biocidal compositions and methods of using the same
Hercules Incorporated	11/698475	Process and apparatus for generating haloamine biocide
Hercules Incorporated	12/941620	Reactive Cationic Resins for Use as Dry and Wet Strength Agents in Sulfite Ion-Containing Papermaking Systems
Hercules Incorporated	12/437887	RETENTION AND DRAINAGE IN THE MANUFACTURE OF PAPER
Hercules Incorporated	12/911463	Synergistic Biocide and Process for Controlling Growth of Microorganisms
Joshawant J. Modi, inventor (Hercules Incorporated)	11/223525	High DS cationic polygalactomannan for skincare products

Owner	Application No.	(Application Entitled) Description
Hercules Incorporated	11/300628	Personal care and household compositions of hydrophobically-modified polysaccharides
Hercules Incorporated	12/079645	Mixed hydrophobe polysaccharide as polymeric emulsifier and stabilizer
Hercules Incorporated	13/093527	MEMBRANE SEPARATION PROCESS FOR REMOVING RESIDUALS FROM POLYAMINE-EPIHALOHYDRIN RESINS
Hercules Incorporated	11/202469	Reduced odor in low molecular weight cationic polygalactomannan
Hercules Incorporated	11/313505	Retention and drainage in the manufacture of paper
Hercules Incorporated	11/788344	Stabilizers for improved open time of aqueous coatings
Hercules Incorporated	11/634482	Solvent free fluidized polymer suspensions for oilfield servicing fluids
Hercules Incorporated	11/714931	Paper coatings containing hydroxyethylcellulose rheology modifier and high levels of calcium carbonate pigment
Hercules Incorporated	11/881128	Hydrophobically modifed poly[ethylene glycol] for use in pitch and stickies control in pulp and papermaking processes
Hercules Incorporated	11/699939	Process of making cold-water dispersible cellulose ethers and uses thereof
Hercules Incorporated	11/726411	Paper for gypsum wallboard
Hercules Incorporated	12/008217	Use of agglomerated hydroxyethylcellulose in pharmaceutical, personal care and household care applications
Hercules Incorporated	11/895122	Adhesive composition of low molecular weight polyaminopolyamide-epichlorohydrin (PAE) resin and protein
Hercules Incorporated	11/982591	Dispersible cationic polygalactomannan polymers for use in personal care and household care applications
Hercules Incorporated	12/287394	Diluents for crosslinker-containing adhesive compositions

Owner	Application No.	(Application Entitled) Description
Hercules Incorporated	12/051470	Adhesive formulations containing UREA additives, methods of forming plywood therewith, and plywood products made thereby
Hercules Incorporated	12/221220	Modified vinylamine-containing polymers as additives in papermaking
Hercules Incorporated	13/081763	Stable and Aqueous Compositions of Polyvinylamines with Cationic Starch, and Utility for Papermaking
Hercules Incorporated	12/156394	Oil-well cement fluid loss additive composition
Hercules Incorporated	12/231588	Control of fluid migration in wet-wipes
Hercules Incorporated	12/151695	Robust Rapid Disintegration Tablet Formulation
Hercules Incorporated	12/621621	Non-Hydrocarbyl Hydrophobically Modified Polycarboxylic Polymers
Hercules Incorporated	12/284910	Fluidized slurry of water soluble and or water-swellable polymer and mixture thereof (FPS) for use in dentifrice and household applications
Hercules Incorporated	12/381549	Clay slurries and use thereof in pulp and papermaking applications
Hercules Incorporated	12/620962	HYDROPHOBICALLY MODIFIED POLY(AMINOAMIDES)
Hercules Incorporated	12/276655	Method and apparatus for measuring deposition of particulate comtaminants in pulp and paper slurries
Hercules Incorporated	12/291723	Water dispersible enteric coating formulation of nutraceutical and pharmaceutical dosage forms
Hercules Incorporated	12/576639	Cleansing Formulations Comprising Non-Cellulosic Polysaccharide With Mixed Cationic Substituents
Hercules Incorporated	12/535983	Pulping Additives for a Reduction of Resin from Kraft Pulp
Hercules Incorporated	12/699584	Process for Treating Biomass to Derivatize Polysaccharides Contained Therein to Increase Their Accessability to Hydrolysis and Subsequent Fermentation
Specialty Minerals, Inc. and Hercules Incorporated (dual ownership)	12/562446	Copolymer Blend Compositions For Use to Increase Paper Filler Content
Hercules Incorporated	12/495920	Process for tailoring water-borne coating compositions

Owner	Application No.	(Application Entitled) Description
Hercules Incorporated	12/508020	Sizing Composition for Hot Penetrant Resistance
Hercules Incorporated	12/552776	Protein/Cationic Polymer Compositions Having Reduced Viscosity
Hercules Incorporated	12/696237	Quaternary Vinylamine-Containing Polymers As Additives in Papermaking
Hercules Incorporated	12/732373	Animated Polymers and Their Use in Water-Borne Compositions
Hercules Incorporated	12/789918	Cationic Wet Strength Resin Modified Pigments in Water-Based Latex Coating Applications
Hercules Incorporated	12/477432	Cationic Wet Strength Resin Modified Pigments in Barrier Coating Applications
Hercules Incorporated	12/940197	Surface Application of Polymers and Polymer Mixtures to Improve Paper Strength
Hercules Incorporated	12/819263	Seed Crystal Coating For Gypsum Wallboard Facing
Hercules Incorporated	12/828853	Cationic Synthetic Polymers with Improved Solubility and Performance in Surfactant-Based Systems and Use in Personal Care and Household Applications
Hercules Incorporated	12/823253	Use of Monochloreurea to Treat Industrial Waters
Hercules Incorporated	12/828556	Stable Shellac Enteric Coating Formulation for Nutraceutical and Pharmaceutical Dosage Forms
Hercules Incorporated	12/869,272	Film coating composition from solid powder hydrophobic compounds
Hercules Incorporated	12/507247	Stable/Adhesives From Urea-Denatured Soy Flour
Hercules Incorporated	12/869848	Stable Acid Denatured Soy/Urea Adhesives and Methods of Making Same
Hercules Incorporated	12/917836	Process for Treating Biomass to Increase Accessibility of Polysacchrides Contained Therein to Hydrolysis and Subsequent Fermentation, and Polysaccharides with Increased Accessibility
Hercules Incorporated	13/032263	Polysaccharide Product with Improved Performance and Clarity in Surfactant-Based Aqueous Formulations and Process for Preparation

Owner	Application No.	(Application Entitled) Description
Hercules Incorporated	13/101529	Cellulose Gums with Reduced Variability and Method for Producing Same
Hercules Incorporated	12/975441	Process for Enhancing Dry Strength of Paper by Treatment with Vinylamine-Containing Polymers and Acrylamide-Containing Polymers
Hercules Incorporated	12/971172	Paper Sizing Composition
Hercules Incorporated	61/475355	Process to Produce an Acylated Vinylamine-Containing Polymer and Its Application as a Papermaking Additive
Hercules Incorporated	61/449846	Water Soluble Polymer Powder Formulation Having Improved Dispersing Properties
Hercules Incorporated	13/020069	Adhesive Compositions
Hercules Incorporated	13/153988	Creping Release Agents
Hercules Incorporated	13/168390	Personal Care Compositions Additive for Application or Keratine Substrates to Provide Long Lasting Benefits
Hercules Incorporated	61/434541	Enhanced Dry Strength and Drainage Performance by Combining Gloyxalated Acrylamide-Containing Polymers with Cationic Aqueous Dispersion Polymers
Hercules Incorporated	61/376065	Papermaking additives for roll release improvement
Hercules Incorporated	61/413595	Control of Fluid MIgration in Non-Latex Bonded Wet-Wipes
James M. Westcott; Michael J. Birkeland, inventors (Hercules Incorporated)	61/443841	Low Ph Soy Flour-Non-Urea Diluent and Methods of Making Same
Hercules Incorporated	61/470140	Hydrophobically Modified Poly(Aminoamide) Stabilized Sizing Products
Hercules Incorporated	61/410483	Surface Application of Polymers to Improve Paper Strength
Kirill N. Bakeev; John K. Bard; Michael Dittel; Wilfried Hohn; Teng-Shua Young, inventors (Hercules Incorporated)	61/520409	Low Molar, Homogeneously Substituted HEC for Use in Cement-based Systems
Michael Dittel; Wilfried Hohn; Brigitte Rennert; M. Wunderlich; Teng-Shua Young, inventors (Hercules Incorporated)	61/520383	Cellulose Ether Compounds for Improved Hot Temperature Performance in External Insulation Finishing Systems (EIFS) Mortars

Owner	Application No.	(Application Entitled) Description
Hercules Incorporated	61/440158	Use of Low Molecular Weight Carboxymethylcelluloses as Retarders in Well Cementing
Hercules Incorporated	13/116359	Protein Adhesive Formulations with Amine-Epichlorohydrin and Isocyanate Cross-linkers
Hercules Incorporated	61/454634	Chemical Additives and Use Thereof in Thin Stillage Processing Operations
Hercules Incorporated	61/503067	Adhesive Additive
Hercules Incorporated	61/479,110	ORGANOPOLYSILICONE POLYETHER DRAINAGE AID
Hercules Incorporated	12/321,991	Method of modifying starch for increased papermachine retention and drainage performance
Hercules Incorporated	09/920,122	Process for the production of chemically or enzymatically modified polysaccharides, and products made thereby
Ashland Licensing and Intellectual Property, LLC	13/212,750	Anti-Burn Garment
Prachur Bhargava; Paul C. Gillette; Tuyen T. Nguyen, inventors (HERCULES INCORPORATED)	61/512640	Readily dissolvable solid nonionic synthetic associative thickeners
Davit E. Sharoyan; Teng-Feng Ling; Scott T. Schenelle, inventors (HERCULES INCORPORATED)	13/214472	Papermaking additives for roll release improvement
Fushan Zhang; Teng-Feng Ling, inventors (HERCULES INCORPORATED)	13/214708	Method of treating paper forming wire transfer
Hercules Incoporated	11/934836	Pitch and Stickies Control in Pulp and Papermaking Processes
ISP Investments Inc.	10/920535	Colloidal stabilization of beer
ISP Investments Inc.	11/007744	Solubilizing agents for active or functional organic compounds
ISP Investments Inc.	10/630560	Hair and skin altering and protecting compositions
ISP Investments Inc.	11/168163	Tooth whitening compositions
ISP Investments Inc.	13/097281	Antimicrobial compositions
ISP Investments Inc.	10/926510	Matrix composition for stable microemulsions
ISP Investments Inc.	10/850546	Rain-fast bioactive compositions

Owner	Application No.	(Application Entitled) Description
ISP Investments Inc. (Jointly owned by ISP Investments Inc. & Mingtai Chemical Co., Ltd.)	11/290715	Synergistic binder composition, method for making same, and tablets of an active and said binder having advantageous hardness and friability
ISP Investments Inc.	10/990995	Stable matrix emulsion concentrates and stable aqueous and/or organic solvent compositions containing biocides
ISP Investments Inc.	10/893008	Thermal stabilitzation of biocides in matrix compositions processed at elevated temperatures
ISP Investments Inc.	10/893009	Thermal stabilization of ipbc biocide
ISP Investments Inc.	10/952948	Method and composition for imparting high shine to a polymeric substrate
ISP Investments Inc.	11/602554	Canister-type dosimeter and multi-dimensional mapping of absolute radiation dosage distribution using said dosimeter
ISP Investments Inc.	11/994854	Microbicidal composition
ISP Investments Inc.	12/871202	Solubilizing agents for active or functional organic compounds
ISP Investments Inc.	11/495993	Method to improve characteristics of spray dried powders and granulated materials, and the products thereby produced
ISP Investments Inc.	11/913471	Lamellar oil-in-glycol gel compositions and the process of preparation
ISP Investments Inc.	11/916313	Fragrance delivery system
ISP Investments Inc.	11/198963	Coating composition for forming a glossy inkjet-receptive coating on a substrate
ISP Investments Inc.	11/573502	Compostions of water-insoluble active organic compounds
ISP Investments Inc.	11/496030	Amorphous efavirenz and the production thereof
ISP Investments Inc.	11/739873	Methods for validating a radiotherapy plan by a dosimetry service
ISP Investments Inc.	11/495991	Benzoquinones of enhanced bioavailability
ISP Investments Inc.	12/966623	Stable aqueous suspension concentrate for delivery of uv-labile water-insoluble biocides
ISP Investments Inc.	11/546067	Inkjet-receptive article
ISP Investments Inc.	61/377778	Print article

Owner	Application No.	(Application Entitled) Description
ISP Investments Inc.	11/496599	Delivery system for delivering bioactive materials
ISP Investments Inc.	11/540981	Synergistic matrix composite for making stable microemulsions of active ingredients
ISP Investments Inc.	11/803108	Aqueous composition containing a hydrophobic material
ISP Investments Inc.	11/726305	Process of reducing the bitter taste of water soluble actives by co-grinding the active with beta cyclodextrin
ISP Investments Inc.	11/545350	Amorphous ezetimibe and the production thereof
ISP Investments Inc.	12/280165	Use of pvpp to remove contaminants from produced water of an oil or gas well
ISP Investments Inc.	12/698583	Polyvinylamide polymers containing polymerizable functionalities
ISP Investments Inc.	12/673637	Polyvinylamide polymers containing polymerizable functionalities
ISP Investments Inc.	61/391872	Hydrophobic crosslinkable acetoacetylated lactam copolymers
ISP Investments Inc.	61/480080	Hydrophobic crosslinkable acetoacetylated lactamic copolymers
ISP Investments Inc.	61/480109	Hydrophobic crosslinkable acetoacetylated lactamic copolymers
ISP Investments Inc.	12/244420	Hydrophobic crosslinkable acetoacetylated lactam/vinyl alcohol copolymers
ISP Investments Inc.	12/373363	Oral care compositions
ISP Investments Inc.	12/374423	Oral care compositions
ISP Investments Inc.	12/019889	Formulation process method to produce spray dried products
ISP Investments Inc.	12/376483	Stabilized liquid preservative compositions
ISP Investments Inc.	11/962311	Carotenoids of enhanced bioavailability
ISP Investments Inc.	12/531329	Meltable binder for melt granulation and/or pelletization
ISP Investments Inc.	11/955527	Amorphous valsartan and the production thereof
ISP Investments Inc.	12/019666	Amorphous oxcarbazepine and the production thereof

Owner	Application No.	(Application Entitled) Description
ISP Investments Inc.	12/673316	Water-resistant, rub-resistant, sprayable homogeneous sunscreen composition
ISP Investments Inc.	12/679648	Stabilizer concentrate for matrix compositions processed at elevated temperatures
ISP Investments Inc.	12/933546	Process of making a stable aqueous dispersion of concentrated, finely divided particles of a biocide
ISP Investments Inc.	12/392531	Antimicrobial compositions
ISP Investments Inc.	12/808332	Method of protecting dyed hair color from fading or wash-out
ISP Investments Inc.	12/707034	Purification of an aromatic fraction containing acetylenes by selective hydrogenation of the acetylenes
ISP Investments Inc.	12/812078	Use of polyelectrolyte complexes in antiperspirant technology
ISP Investments Inc.	12/528674	Composition for permanent or semipermanent tinting of keratin fibers with oil-in-glycol lamellar gel
ISP Investments Inc.	13/132022	Crosslinked polyvinylpyrrolidone compositions
ISP Investments Inc.	12/936493	Plasticized pvc compositions with long term high temperature stabilty
ISP Investments Inc.	12/710004	Radiation dosimetry method
ISP Investments Inc.	12/771354	Pvc compositions
ISP Investments Inc.	13/062807	Smooth, high solids tablet coating composition
ISP Investments Inc.	13/129007	Polymers derived from n-vinyl formamide, vinyl amides or acrylamides, and reaction solvent, and the uses thereof
ISP Investments Inc.	12/688980	Performance-boosting uv-absorbing compounds
ISP Investments Inc.	12/694647	Polymer-bound UV absorbers in personal care compositions
ISP Investments Inc.	12/841716	Ultraviolet-absorbing compounds
ISP Investments Inc.	12/773458	Method for the production of alpha, omega-olefins by using the copper
ISP Investments Inc.	12/300170	Concentrate for the film preservation

Owner	Application No.	(Application Entitled) Description
ISP Investments Inc.	12/728871	Nanoparticle dispersion to improve radiation sensitivity
ISP Investments Inc.	61/495434	An aqueous volatile organic compound free disinfectant and/or cleaning composition, method of preparation
ISP Investments Inc.	12/984926	Polymers prepared from mixtures of multifunctional n-vinylformamide and hybrid reactive n- vinylformamide crosslinking monomer moieties and uses thereof
ISP Investments Inc.	61/414703	N-alkyl lactam ethers, and compositions and uses thereof
ISP Investments Inc.	12/887795	Ring-opening metathesis polymerization of norborene and oxanorborene moieties and uses thereof
ISP Investments Inc.	61/433392	Degradable compounds, monomers, and polymers containing a carbonate linkage
ISP Investments Inc.	61/487974	Peroxide-stabilized abrasive tooth whitening compositions, process for preparing and method of use
ISP Investments Inc.	61/406402	Synthesis and application of salt-tolerant, thermally-stable rheology modifiers
ISP Investments Inc.	61/405289	Non-homopolymers exhibiting excellent gas hydrate inhibition, high salt tolerance, and high cloud point
ISP Investments Inc.	61/415465	A stable and aqueous concentrated preservative composition of dehydroacetic acid (dha) and methylisothiazolinone (mit)
ISP Investments Inc.	61/418446	Hydrogel microcapsules
ISP Investments Inc.	61/421422	A visually perceivable image-forming dye scavenging article
ISP Investments Inc.	61/412216	Hair care compositions containing polyelectrolyte complexes
ISP Investments Inc.	61/418539	Durable styling compositions and the uses thereof
ISP Investments Inc.	61/490011	Durable styling compositions and the uses thereof
ISP Investments Inc.	61/450303	Improved antiperspirant/deodorant compositions

Owner	Application No.	(Application Entitled) Description
ISP Investments Inc.	61/421663	Compositions comprising stabilized keto-enol uv absorbers
ISP Investments Inc.	61/447751	Personal care compositions with suspended metal oxides
ISP Investments Inc.	61/485799	Aqueous bit compositions
ISP Investments Inc.	61/498233	4- and 5-substituted 1,2,3-triazole, and regioisomer mixtures thereof, modified polymers
ISP Investments Inc.	61/444388	Thickened hair colors
ISP Investments Inc.	61/479578	Anhydrous sunscreen spray compositions for wet skin application
ISP Investments Inc.	61/488237	Clear wet spray
ISP Investments Inc.	12/979735	Use of a cruciferous protein hydrolyzate as a depigmenting agent in or for a cosmetic and/or pharmaceutical composition
ISP Investments Inc.	12/808266	Activating peptide of the synthesis of aquaporins and cosmetic and/or pharmaceutical composition containing it
ISP Investments Inc.	12/724082	Use of an active principle originating from flax in a composition intended to reinforce the barrier function of the skin and to protect the skin and the appendages against external aggressions
ISP Investments Inc.	12/669836	Use of an active principle originating from flaxseed in a composition intended to activate cytochrome c
ISP Investments Inc.	12/300597	Utilization of peptides as active ingredients for slimming
ISP Investments Inc.	61/506317	WATER MISCIBLE MICROEMULSIONS OF WATER INSOLUBLE FILM FORMING POLYMERS
ISP Investments Inc.	61/509609	2,4-Bis-(2,4-Dihydroxyphenyl)-6-(4-Methoxyphenyl)-1,3,5-Triazine
ISP Investments Inc.	13/178224	Polymers Prepared from Mixtures of Multi-functional N-Vinylformamide and Hybrid Reactive N-Vinylformamide Crosslinking Monomer Moieties and Uses thereof

Owner	Application No.	(Application Entitled) Description
Hercules Incorporated	13/312211	Cationic synthetic polymers with improved solubility and performance in phosphate surfactant-based systems and use in personal care and household applications
Ashland Licensing and Intellectual Property LLC	13/264842	Biomolecular inverse emulsion polymer
Hercules Incorporated	13/412075	Water soluble polymer powder formulation having improved dispersing properties
ISP Investments Inc.	61/607260	Eco-friendly non-aqueous antimicrobial composition
ISP Investments Inc.	61/608962	Antimicrobial polymers
ISP Investments Inc.	61/610203	Synthesis and application of high pressure high temperature fluid loss additive and rheology stabilizer
ISP Investments Inc.	61/611145	Efficient method for radiochromic film dosimetry
Hercules Incorporated	13/382177	Apparatus, system and method for emulsifying oil and water
Hercules Incorporated	61/583790	Cellulose ethers with improved thermal gel strength
ISP Investments Inc.	61/583941	Polymers containing an acetoacetate moiety
ISP Investments Inc.	13/382975	4- and 5 substituted, 1,2-3 triazole moieties with at least one remote polymerizable moiety and polymers thereof
Hercules Incorporated	61/543036	Combination of soy protein and cationic polymer for paper products
ISP Investments Inc.	61/542880	Antiperspirant/deodorant compositions
Hercules Incorporated	61/537865	Combination of soy protein and cationic polymer for paper products
ISP Investments Inc.	13/259499	Premixes suitable for the production of membrane materials
ISP Investments Inc.	13/257511	Penetrating UV-protecting compositions to protect wood and lignin
ISP Investments Inc.	13/257751	Degradable polymer compositions and uses thereof
ISP Investments Inc.	13/258236	Polymer having N-vinyl amide and hydroxyl moieties, their compositions and the uses thereof
Hercules Incorporated	13/397829	Low Ph soy flour-non urea diluent and methods of making same
Hercules Incorporated	13/400359	Polysaccharide product with improved performance and clarity in surfactant-based aqueous
Hercules Incorporated	13/405063	Method and apparatus for measuring deposition of particulate contaminants in pulp and paper slurries

Owner	Application No.	(Application Entitled) Description
Hercules Incorporated	13/406119	Diluents for crosslinker-containing adhesive compositions
ISP Investments Inc.	61/576478	Solid dispersion of poorly soluble compounds comprising crospovidone and water-soluble polymers
ISP Investments Inc.	13/406009	Use of PVPP to remove contaminants from produced water of an oil or gas well
ISP Investments Inc.	13/409252	Personal care compositions with suspended metal oxides
Hercules Incorporated	61/597038	Chemical additives and use thereof in oil recover from vegetable oil degumming residue
Hercules Incorporated	13/370456	Chemical additives and use thereof in thin stillage processing operations
Hercules Incorporated	61/598031	Conditioning composition additive for providing immediate and long lasting benefits to keratine substrates
ISP Investments Inc.	13/378397	A process for preparation of stable, micro-encapsulated and sustained release biocidal actives and compositions thereof
ISP Investments Inc.	13/378423	Stabilized biocidal dispersion via sub-micronized carrier particles, process for making the same and composition thereof
ISP Investments Inc.	13/388688	Sun-care compositions
ISP Investments Inc.	13/390852	Lactam-based compounds with a urethane or urea functional group, and use thereof
ISP Investments Inc.	13/399566	Thickened hair colors
ISP Investments Inc.	13/442421	Composition for permanent or semipermanent tinting of keratin fibers with oil-in-glycol lamellar gel
ISP Investments Inc.	13/500540	Sun-care compositions
ISP Investments Inc.	13/500490	Plasticized polymeric compositions
Hercules Incorporated	13/285382	Surface application of polymers to improve paper strength
Hercules Incorporated	13/293170	Copolymer blend compositions for use to increase paper filler content
Hercules Incorporated	13/294270	Control of fluid migration in non-latex bonded wet-wipes
ISP Investments Inc.	13/296361	N-alkyl lactam ethers, and composition and uses thereof
Hercules Incorporated	13/354893	Enhanced dry strength and drainage performance by combining glyoxalated acrylamide-containing polymers with cationic aqueous dispersion polymers

Owner	Application No.	(Application Entitled) Description
Hercules Incorporated	61/739976	Multifunctional agents for removal and prevention of organic contaminants in pulp and papermaking processes
Hercules Incorporated	61/739785	Method and apparatus for estimating fouling factor and/or invers soluble scale in heat transfer equipment
Hercules Incorporated	13/734047	Cellulose ethers with improved thermal gel strength
Hercules Incorporated	61/745261	Compositions and methods for generating chlorine dioxide
Hercules Incorporated	13/710086	Device for sensorial evaluation of consumer product application feel
ISP Investments Inc.	61/750582	Polymers polymerized from at least four monomers, and compositions and use thereof
ISP Investments Inc.	13/704871	Polymorizable carbamate and thiocarbamate compounds, polymers derived from them, and compositions thereof
ISP Investments Inc.	13/805550	Self-emulsifying oil
Ashland Licensing and Intellectual Property LLC	61/708291	Ultra clear print receptive topcoat and substrates made with UCPRTC
Hercules Incorporated	61/711269	Cellulose composition containing cellulose and papermaking polymers for paper dry strength application
Hercules Incorporated	61/711528	Aromatic-hyrophobically modified polymers and methods of making and using same
ISP Investments Inc.	13/640915	Polymers having acid and amide moieties, and uses thereof
ISP Investments Inc.	13/640122	Radiation dosimetry method
ISP Investments Inc.	13/640962	Oral care compositions
ISP Investments Inc.	13/640827	Use of a peptide hydrolysate of pea as moisturizing active agent
Hercules Incorporated	61/722475	Terpolymers having aptac, an anioninic monomer, and a sulfonate monomer, and their use in hair care
ISP Investments Inc.	13/639369	Sprayable composition comprising high molecular weight charges polymer
ISP Investments Inc.	61/724050	High drug load solid dispersion composition of efavirenz and process for preparing the same
ISP Investments Inc.	13/697236	Modification of polymers containing an anhydride and uses thereof
ISP Investments Inc.	61/726860	Oral care compositions for treatment of sensitive teeth
ISP Investments Inc.	61/726834	Oral care compositions for treatment of sensitive teeth

Owner	Application No.	(Application Entitled) Description
ISP Investments Inc.	13/698870	Cosmetic composition for restoring lipidic layer of the stratus corneum in orthohombic
ISP Investments Inc.	13/700552	A phosphate-free highly concentrated aqueous dispersion composition of biocides and process for preparing the same
Hercules Incorporated	61/677582	Stabilized multiphase aqueous compositions
ISP Investments Inc.	61/680021	Eco-friendly non-aqueous antimicrobial composition comprising tropolone with 1,3 propanediol and/or sorbitan caprylate
ISP Investments Inc.	61/680005	Eco-friendly non-aqueous antimicrobial composition comprising hinokitiol with 1,3 propanediol and/or sorbitan caprylate
ISP Investments Inc.	13/576938	Novel caspase-17 activator peptides and compositions comprising said peptides
Ashland Licensing and Intellectual Property LLC	61/692923	Solventfree polyurethane laminating adhesive with high oxygen transfer rate for fresh produce packaging
Ashland Licensing and Intellectual Property LLC	61/692983	Solventfree polyurethane laminating adhesive with high oxygen transfer rate for fresh produce packaging
ISP Investments Inc.	61/733677	Shale swelling inhibitors
ISP Investments Inc.	61/734440	An environment-friendly, biodegradable, VOC-free, non-corrosive aqueous solution of 1,2-benzisothiazolin-3-one
ISP Investments Inc.	13/714886	Microbiodial composition
Hercules Incorporated	13/537372	Adhesive additive
Hercules Incorporated	13/484982	Low molar, homogeneously substituted HBC for use in cement-based systems
Hercules Incorporated	13/485069	Cellulose ether compounds for improved hot temperature performance in external insulation finishing systems (EIFS) mortars
ISP Investments Inc.	13/518255	Polymerizable lactamic copolymers suitable for the formation of coatings on microencapsulated particles
ISP Investments Inc.	13/520096	Aqueous-miscible or aqueous-dispersible, VOC-free biocidal compositions for the enhanced inhibition of gram-negative bacterial strains, and method of preparing the same
ISP Investments Inc.	13/518388	Cosmetic and/or pharmaceutical composition comprising an extract of carob as active agent for activating aquaporin expression
ISP Investments Inc.	61/565656	Soluble branched polymers
ISP Investments Inc.	13/376552	The manipulation of cloud point for two-phase aqueous polymeric systems

Owner	Application No.	(Application Entitled) Description
Hercules Incorporated	13/446486	Process to produce an acylated vinylamine-containing polylmer and its application as a papermaking additive
Hercules Incorporated	13/455768	Organopolysilicone polyether drainage aid
ISP Investments Inc.	61/638142	Synergistic combination of a fluid loss additive and rheology modifier
ISP Investments Inc.	61/639388	Mascara formulas giving multiple benefits
ISP Investments Inc.	61/638670	Antimicrobial polymers
ISP Investments Inc.	13/505348	Use of yeast peptide hydrolysate as an active agent for strengthening hair
Hercules Incorporated	61/670642	Electrochemical generation of chlorinated urea derivatives
Hercules Incorporated	61/667497	Water soluble polymer powders wit improved dispersibility
Hercules Incorporated	13/551202	Improved retention and drainage in manufacture of paper
Hercules Incorporated	13/559836	Readily dissolvable solid nonionic synthetic associative thickeners
ISP Investments Inc.	13/521138	A matrix composition for delivery of hydrophobic actives
ISP Investments Inc.	13/521471	Reactive monomer for coating and/or reactive coating
ISP Investments Inc.	13/520810	Polymers prepared from mixtures of multifunctional N-vinylformamide and hybrid reactive N-vinylformamide crosslinking monomer moieties and uses thereof
ISP Investments Inc.	13/510802	Reactive monomer for a coating and/or reactive coating
ISP Investments Inc.	13/510860	Compositions comprising a reactive monomer and uses thereof
ISP Investments Inc.	13/521456	Compositions comprising a reactive monomer with a area or urethane functional group
ISP Investments Inc.	13/511460	Compositions comprising a reactive monomer and uses thereof
ISP Investments Inc.	13/521645	Novel anti-aging peptides modulating survivin and compositions including same
ISP Investments Inc.	13/575530	Self adapting polymers for anyhydrous sunscreen formulations
Ashland Licensing and Intellectual Property LLC	12/777511	Two part polyurea urethane adhesive with elevated high temperature storage modulus
Hercules Incorporated	61/644529	Calcium sulfate seale control in low pH aqueous systems
ISP Investments Inc.	13/469594	Polyvinylamide polymers containing polymerizable functionalities
Hercules Incorporated	13/746610	Wood composite process enhancement

Owner	Application No.	(Application Entitled) Description
ISP Investments Inc.	13/745326	Solubilizing agents for active or functional organic compounds
ISP Investments Inc.	13/811561	Renewable modified natural compounds
ISP Investments Inc.	61/755225	Hemi-aminal ethers and thioethers of N-alkenyl cyclic company
ISP Investments Inc.	13/813567	Alcohol-free or slightly-alcoholic oral care composition and a process for preparing same

SCHEDULE III

to

RELEASE OF PATENT SECURITY AGREEMENT

SUPPLEMENTAL PATENT SECURITY AGREEMENTS

Date of Supplemental Patent Security Agreement	Pledgors	Date Recorded with Patent Division of the U.S. Patent & Trademark Office	Reel	Frame
08/06/2012	Hercules Incorporated; ISP Investments, Inc.	08/13/2012	028775	0310
05/22/2012	Asland Licensing and Intellectual Property LLC; Hercules Incorporated; ISP Investments Inc.	06/04/2012	028318	0632
12/16/2011	Hercules Incorporated	12/21/2011	027425	0463
11/09/2011	Ashland Licensing and Intellectual Property LLC	11/15/2011	027232	0498
03/20/2012	Hercules Incorporated; ISP Investments Inc.	04/04/2012	027991	0859
01/20/2012	Hercules Incorporated; ISP Investments, Inc.	01/27/2012	027608	0240
10/27/2011	Hercules Incorporated; ISP Investments, Inc.	11/02/2011	027166	0055
10/05/2011	Hercules Incorporated; ISP Investments, Inc.	10/17/2011	027074	0660
03/12/2012	Hercules Incorporated; ISP Investments, Inc.	04/04/2012	027991	0989
02/27/2012	Hercules Incorporated; ISP Investments, Inc.	03/06/2012	027810	0519

Date of Supplemental Patent Security Agreement	Pledgors	Date Recorded with Patent Division of the U.S. Patent & Trademark Office	Reel	Frame
04/19/2012	ISP Investments Inc.	04/25/2012	028102	0697
11/23/2011	Hercules Incorporated; ISP Investments, Inc.	12/05/2011	027322	0765
02/03/2012	Hercules Incorporated	02/10/2012	027683	0995
01/16/2013	Hercules Incorporated; ISP Investments, Inc.	01/28/2013	029708	0580
10/24/2012	Ashland Licensing and Intellectual Property LLC; Hercules Incorporated; ISP Investments, Inc.	11/09/2012	029275	0680
12/04/2012	Hercules Incorporated; ISP Investments, Inc.	12/17/2012	029481	0612
08/23/2012	Hercules Incorporated; ISP Investments, Inc.	09/05/2012	028914	0410
09/07/2012	Ashland Licensing and Intellectual Property LLC	09/19/2012	029004	0900
01/03/2013	ISP Investments Inc.	01/24/2013	029692	0058
07/11/2012	Hercules Incorporated; ISP Investments, Inc.	07/20/2012	028604	0542
01/06/2012	ISP Investments Inc.	01/13/2012	027531	0831
05/10/2012	Hercules Incorporated; ISP Investments, Inc.	05/22/2012	028252	0499
02/11/2013	Hercules Incorporated; ISP Investments Inc.	03/01/2013	029903	0682