PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: RELEASE BY SECURED PARTY

CONVEYING PARTY DATA

| Name | Execution Date | |
|-------------------------|----------------|--|
| UBS AG, STAMFORD BRANCH | 02/11/2011 | |

RECEIVING PARTY DATA

| Name: | KRATON POLYMERS U.S. LLC | | |
|--------------------------------|--------------------------|--|--|
| Street Address: 16400 PARK ROW | | | |
| City: | HOUSTON | | |
| State/Country: | TEXAS | | |
| Postal Code: | 77084 | | |

PROPERTY NUMBERS Total: 6

| Property Type | Number |
|---------------------|----------|
| Patent Number: | 5929167 |
| Patent Number: | 6077925 |
| Patent Number: | 5164253 |
| Patent Number: | H002030 |
| Patent Number: | 5548025 |
| Application Number: | 61394112 |

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Michael A. Masse

PATENT

REEL: 025880 FRAME: 0216

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RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL

This RELEASE, dated as of February 11, 2011 (this "Release"), is made by UBS AG, STAMFORD BRANCH, as Collateral Agent for the Secured Parties (the "Collateral Agent"), pursuant to the termination of the Pledge and Security Agreement, dated as of December 23, 2003 by and among Kraton Polymers U.S. LLC, a Delaware limited liability company (the "Borrower"), the other grantors party thereto and the Collateral Agent (as from time to time amended, restated, supplemented or otherwise modified and in effect from time to time, the "Security Agreement"). Capitalized terms used herein but not otherwise defined herein have the meanings ascribed to them in the Security Agreement.

WITNESSETH

WHEREAS, under the terms of the Security Agreement, the Borrower granted, to the Collateral Agent, a security interest in and continuing lien on all of its right, title and interest in, to and under certain property and other assets of the Borrower, including Patent Collateral, Trademark Collateral, and Copyright Collateral (each as defined below);

WHEREAS, pursuant to the Security Agreement, the Borrower executed (i) the Patent Security Agreement by and among the Borrower and the Collateral Agent for the Secured Parties, dated December 23, 2003 (the "Patent Security Agreement") and recorded with the U.S. Patent and Trademark Office on January 2, 2004 at Reel/Frame No. 14242/0281, (ii) the Supplement to Patent Security Agreement by and among the Borrower and the Collateral Agent, dated May 12, 2006 (the "2006 Patent Supplement") and recorded with the U.S. Patent and Trademark Office on May 18, 2006 at Reel/Frame No. 17892/0158, (iii) the Supplement to Patent Security Agreement by and among the Borrower and the Collateral Agent, dated April 17, 2008 (the "2008 Patent Supplement") and recorded with the U.S. Patent and Trademark Office on May 7, 2008 at Reel/Frame No. 20915/0586, (iv) the Supplement to Patent Security Agreement by and among the Borrower and the Collateral Agent, dated March 23, 2009 (the "March 2009 Patent Supplement") and recorded with the U.S. Patent and Trademark Office on March 25, 2009 at Reel/Frame No. 22449/0147, (v) the Supplement to Patent Security Agreement by and among the Borrower and the Collateral Agent, dated August 10, 2009 (the "August 2009 Patent Supplement") and recorded with the U.S. Patent and Trademark Office on August 19, 2009 at Reel/Frame No. 23120/0219, and (vi) the Supplement to Patent Security Agreement by and among the Borrower and the Collateral Agent, dated March 12, 2010 (the "2010 Patent Supplement") and recorded with the U.S. Patent and Trademark Office on May 18, 2010 at Reel/Frame No. 24404/0945, pursuant to which the Borrower granted to Collateral Agent a security interest in and continuing lien on all the Borrower's right, title and interest in, to and under all Patents (the "Patent Collateral");

WHEREAS, pursuant to the Security Agreement, the Borrower executed (i) the Trademark Security Agreement by and among the Borrower and the Collateral Agent for the Secured Parties, dated December 23, 2003 (the "<u>Trademark Security Agreement</u>") and recorded

with the U.S. Patent and Trademark Office on January 2, 2004 at Reel/Frame No. 2772/0001, (ii) the Supplement to Trademark Security Agreement by and among the Borrower and the Collateral Agent, dated April 17, 2008 (the "2008 Trademark Supplement"), and (iii) the Supplement to Trademark Security Agreement by and among the Borrower and the Collateral Agent, dated March 23, 2009 (the "2009 Trademark Supplement") and recorded with the U.S. Patent and Trademark Office on March 25, 2009 at Reel/Frame No. 3959/0308, pursuant to which the Borrower granted to Collateral Agent a security interest in and continuing lien on all the Borrower's right, title and interest in, to and under all Trademarks (the "Trademark Collateral");

WHEREAS, pursuant to the Security Agreement, the Borrower executed the Copyright Security Agreement by and among the Borrower and the Collateral Agent for the Secured Parties, dated December 23, 2003 (the "Copyright Security Agreement"), pursuant to which the Borrower granted to Collateral Agent a security interest in and continuing lien on all the Borrower's right, title and interest in, to and under all Copyrights (the "Copyright Collateral"); and

WHEREAS, in connection with the Borrower's satisfaction of all of its obligations under the Security Agreement, the Patent Security Agreement, the Trademark Security Agreement, the Copyright Security Agreement, the 2006 Patent Supplement, the 2008 Patent Supplement, the March 2009 Patent Supplement, the August 2009 Patent Supplement, the 2010 Patent Supplement, the 2008 Trademark Supplement, and the 2009 Trademark Supplement (collectively, the "Agreements") have terminated.

NOW, THEREFORE, in consideration of the foregoing, the Collateral Agent hereby agrees as follows:

The Collateral Agent hereby absolutely, unconditionally and irrevocably terminates, releases and forever discharges all of its security interest and lien under the Agreements on all of the Borrower's right, title and interest in, to and under the Patent Collateral, Trademark Collateral, and the Copyright Collateral, including the patents and patent applications, the trademark and service mark registrations, and the copyright registrations listed on Schedule I attached hereto and incorporated herein by reference (collectively, the "Released Collateral").

The Collateral Agent hereby assigns and transfers, without recourse, unto to the Borrower all right, title and interest that Collateral Agent and its predecessors, successors and assigns may have in or to the Released Collateral.

The Collateral Agent authorizes the recordation of this Release with the United States Patent and Trademark Office and the United States Copyright Office and any other applicable registry, the filing of Uniform Commercial Code financing statements and the filing or recording of any other document or instrument necessary to place on record the release of the Collateral Agent's lien upon and security interest in the Released Collateral by the Borrower or any person authorized or designated by the Borrower, and any such recordation or filing shall be deemed to have been authorized by the Collateral Agent.

The Collateral Agent hereby represents and warrants that it has full authority to execute and deliver this Release.

This Release shall be binding upon the Collateral Agent's representatives, successors, assigns and transferees. The Collateral Agent hereby agrees to duly execute, acknowledge, procure and deliver any further documents and to do such other acts as may be reasonably necessary to effect the termination and release of the security interests contemplated hereby.

This Release shall be governed by and construed in accordance with the law of the State of New York.

IN WITNESS WHEREOF, the Collateral Agent has executed this Release as of the date first set forth above.

UBS AG, STAMFORD BRANCH, as Collateral Agent

Name: Title:

Mary E. Evans Associate Disco-Banking Products

By: __ Name:

Title:

Irja R. Otsa Associate Director Banking Products Services US

KRATON PATENTS WITH SECURITY INTERESTS HELD BY UBS

| | SHORT TITLE | STATUS | APPLICATION NO | APPLICATION DATE | GRANT NO | GRANT DATE |
|-----|---|--------|-------------------|---------------------|----------|---------------|
| 1. | Process for the Preparation of Branched Polymers | Issued | 06/571322 | 01/16/1984 | 4539136 | 09/03/1985 |
| 2. | Polymer Blend Composition | Issued | 06/614364 | 05/29/1984 | 4491648 | 01/01/1985 |
| 3. | Process for the Preparation of Polymers Comprising Conjugated Dienes and Optionally Monoalkenyl Aromatic Hydrocarbons | Issued | 06/641637 | 08/17/1984 | 4530985 | 07/23/1985 |
| 4. | Selectively Hydronated Block Copolymers Modified with Acid Compounds or Derivatives | Issued | 06/646391 | 08/31/1984 | 4578429 | 03/25/1986 |
| 5. | High Heat Metal-Polymer Laminate | Issued | 06/6648099 | 09/07/1984 | 4601941 | 07/22/1986 |
| 6. | Direct Removal of NI Catalysts | Issued | 06/673978 | 11/23/1984 | 4595749 | 06/17/1986 |
| 7. | Tires | Issued | 06/674188 | 11/23/1984 | 4650831 | 03/17/1987 |
| 8. | Endblock Crosslinked Block Copolymer Adhesive Composition | Issued | 06/728002 | 04/29/1985 | 4556464 | 12/03/1985 |
| 9. | Anionic Polymerization Process | Issued | 06/758182 | 07/23/1985 | 4764572 | 08/16/1988 |
| 10. | Impact Resistant Blends of Thermoplastic Polyamides and Modified Block Coplymers | Issued | 06/766216 | 08/16/1985 | 4783503 | 11/08/1988 |
| 11. | Impact Resistant Blends of Thermoplastic Polyesters and | Issued | 06/766216 | 08/16/1985 | 4797447 | 01/10/1989 |

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| | SHORT TITLE | STATUS | APPLICATION NO | APPLICATION DATE | GRANT NO | GRANT DATE |
|-----|---|--------|-------------------|---------------------|----------|---------------|
| | Modified Block Copolymers | | | | | |
| 12. | Polymer Concrete Compositions | Issued | 06/782748 | 09/30/1985 | 4737538 | 04/12/1988 |
| 13. | Novel Block Copolymers Containing Benzocyclobutene Units | Issued | 06/812423 | 12/23/1985 | 4722974 | 02/02/1988 |
| 14. | Novel Hydrogenated Block Copolymers | Issued | 06/812424 | 12/23/1985 | 4687815 | 08/18/1987 |
| 15. | Low Smoke Modified Polypropylene Insulation Compositions | Issued | 06/814705 | 12/30/1985 | 4622352 | 11/11/1986 |
| 16. | Hot Melt Adhesive Containing a Silane Grafted Hydrogenated Block Polymer | Issued | 06/835090 | 02/28/1986 | 4783504 | 11/08/1988 |
| 17. | A Method of Making an Encapsulated Assemblage | Issued | 06/919919 | 10/16/1986 | 4749430 | 06/07/1988 |
| 18. | Color Stable Hot Melt Adhesive | Issued | 06/943403 | 12/19/1986 | 4835200 | 05/30/1989 |
| 19. | Elastomer Comprising at Least One Conjugated Olefin Group and Method of Making Same | Issued | 06/948336 | 12/31/1986 | 4839431 | 06/13/1989 |
| 20. | Modified Polyester, Methods of Preparing same and Compositions Comprising said Modified Polyester | Issued | 06/948374 | 12/31/1986 | 4775718 | 10/04/1988 |
| 21. | Modified Block Copolymers Having Carboxyl Groups Grafted on the Alkenyl Arene Blocks | Issued | 07/079380 | 07/30/1987 | 4868245 | 09/19/1989 |
| 22. | Elastomers Fibers, Structures Fashioned Therefrom and Elastomers | Issued | 07/087477 | 08/20/1987 | 4892903 | 01/09/1990 |

| | SHORT TITLE | STATUS | APPLICATION NO | APPLICATION DATE | GRANT NO | GRANT DATE |
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| | וים | | | | | |
| | Films | | | | | |
| 23. | Block Copolymer and Method of Preparing Same | Issued | 07/102465 | 09/29/1987 | 4851474 | 07/25/1989 |
| 24. | Method for Separating Metal Contaminants from Organic Polymers | Issued | 07/113976 | 10/29/1987 | 4992529 | 02/12/1991 |
| 25. | Selective Hydrogenation Process | Issued | 07/116981 | 11/05/1987 | 4879349 | 11/07/1989 |
| 26. | Polymeric Composition | Issued | 07/124644 | 11/24/1987 | 4859737 | 08/22/1989 |
| 27. | Laminated Structure Comprising a Plurality of Polymeric Layers Ahered with an Adhesive Composition | Issued | 07/135909 | 12/21/1987 | 4868057 | 09/19/1989 |
| 28. | Method for Grafting Silane Compounds to Block Copolymers | Issued | 07/136622 | 12/22/1987 | 4822857 | 04/18/1989 |
| 29. | Tie Layer Composition and Laminated | Issued | 07/139549 | 12/30/1987 | 4898784 | 02/06/1990 |
| 30. | Modified Block Copolymers | Issued | 07/150579 | 02/01/1988 | 4882384 | 11/21/1989 |
| 31. | High Impact Resistant Blends of Thermoplastic Polyesters and Modified Block Copolymers | Issued | 07/152706 | 02/05/1988 | 4868243 | 09/19/1989 |
| 32. | Modified Block Copolymers Functionalized in the Monoalkenyl Aromatic or Vinylarene Block | Issued | 07/194670 | 05/16/1988 | 4898914 | 02/06/1990 |
| 33. | Process for Making Copolymers of Aromatic Vinyl Compounds and Conjugated Diolefins Having Substantial Increase in Aromatic | Issued | 07/204387 | 06/09/1988 | 4948849 | 08/14/1990 |

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| | Vinyl Compound Differential Content | | | | | |
| 34. | High Performance Rubber Compositions | Issued | 07/222385 | 07/21/1988 | 4882378 | 11/21/1989 |
| 35. | Method for Hydrogenating Functionalized Polymer and Products Thereof | Issued | 07/247835 | 09/22/1988 | 4970254 | 11/13/1990 |
| 36. | Elastomeric Compositions, Process for the Preparation thereof and Tires Containing Them | Issued | 07/255240 | 10/11/1988 | 5036138 | 07/30/1991 |
| 37. | High Impact Resistant Blends of Thermoplastic Polyamides and Modified Diblock Copolymers | Issued | 07/288353 | 12/22/1988 | 4983673 | 01/08/1991 |
| 38. | High Impact Resistant Blends of Thermoplastic Polyamides and Modified Diblock Copolymers | Issued | 07/288366 | 12/22/1988 | 4988765 | 01/29/1991 |
| 39. | Functionalized Polymers and Process for Modifying Unsaturated Polymers | Issued | 07/329059 | 03/27/1989 | 4970265 | 11/13/1990 |
| 40. | Elastomer Film Composition | Issued | 07/294611 | 08/16/1989 | 4970259 | 11/13/1990 |
| 41. | Thermoplastic Block Copolymer Films | Issued | 07/397072 | 08/22/1989 | 4977014 | 12/11/1990 |
| 42. | Block Copolymer Granting Process | Issued | 07/398298 | 08/24/1989 | 4960831 | 10/02/1990 |
| 43. | Radiation Cured Polymer Composition | Issued | 07/420716 | 10/12/1986 | 5104921 | 04/14/1992 |
| 44. | Selective Hydrogenation Process | Issued | 07/424798 | 10/20/1989 | 5001199 | 03/19/1991 |

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| 45. | Rubber Modified Epoxy Resin- Curative System | Issued | 07/471456 | 01/29/1990 | 5264503 | 11/23/1993 |
| 46. | Functionalized Elastomeric Polymers | Issued | 07/503412 | 03/30/1990 | 5206300 | 04/27/1993 |
| 47. | Removal of Hydrogenated | Issued | 07/537738 | 06/14/1990 | 5212285 | 05/18/1993 |
| 48. | Functionalized Elastomeric Polymer Production | Issued | 07/558369 | 07/27/1990 | 4988770 | 01/29/1991 |
| 49. | Epoxidized Viscous Conjugated Diene Block Copolymers | Issued | 07/692839 | 04/29/1991 | 5229464 | 07/20/1993 |
| 50. | Selective Hydrogenation of Conjugation Diolefin Polymers with Rare Earth Catalysts | Issued | 07/699028 | 05/13/1991 | 5177155 | 01/05/1993 |
| 51. | Torchable Roll Roofing Membrane | Issued | 07/763463 | 09/20/1991 | 5308676 | 05/03/1994 |
| 52. | One Phase Malt Radial Polymer | Issued | 07/766252 | 09/27/1991 | 5266648 | 11/30/1993 |
| 53. | Method of Removing a Polymerization Catalyst | Issued | 07/785579 | 10/30/1991 | 5177297 | 01/05/1993 |
| 54. | Low Temperature Toughening of Polycarbonates with a Modified Block Copolymer | Issued | 07/787448 | 11/04/1991 | 5175212 | 12/29/1992 |
| 55. | Asphault Acrylic Monomer- Containing Block Polymer Composition | Issued | 07/853564 | 03/18/1992 | 5189083 | 02/23/1993 |
| 56. | Water-Based Emulsions and Dispersions of Bitumen Modified with a Functionalized Block | Issued | 07/853645 | 03/18/1992 | 5212220 | 05/18/1993 |

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| | Copolymer | | | | | |
| 57. | High Impact Resistant Blends of Thermoplastic Polyesters and Modified Block Copolymers | Issued | 07/863370 | 04/02/1992 | 5371141 | 12/06/1994 |
| 58. | Hydroxyl Functional Derivatives of Epoxidized Diene Polymers and Process for Making them | Issued | 07/863580 | 04/03/1992 | 5242989 | 09/07/1993 |
| 59. | Melt Metalation of Block Copolymers | Issued | 07/866281 | 04/10/1992 | 5276101 | 01/04/1994 |
| 60. | Polymers Process | Issued | 07/889346 | 05/28/1992 | 5268429 | 12/07/1993 |
| 61. | Process for Production of Alkadiene- Based Polymer of Increased Vinyl Content | Issued | 07/894137 | 06/04/1992 | 5194535 | 03/16/1993 |
| 62. | Process for Selective Hydrogenation of Conjugated Diolefin Polymers | Issued | 07/907349 | 07/01/1992 | 5206307 | 04/27/1993 |
| 63. | Asphault Acrylic Monomer- Containing Polymer Composition | Issued | 07/920693 | 07/28/1992 | 5214082 | 05/25/1993 |
| 64. | Method of Removing Lithium Compounds from a Polymer | Issued | 07/920694 | 07/28/1992 | 5220100 | 06/15/1993 |
| 65. | Termination of Anionic Polymerization Using Hydrocarbon Terminating Agents | Issued | 07/929747 | 08/17/1992 | 5194530 | 03/16/1993 |
| 66. | Asphault Amine Functionalized Polymer Composition | Issued | 07/972401 | 11/06/1992 | 5278207 | 01/11/1994 |
| 67. | Butadiene Polymers Having Terminal | Issued | 08/029866 | 03/11/1993 | 5336726 | 08/09/1994 |

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| | Silyl Groups | | | | | |
| 68. | Solvent-Free Water-Based Emulsions of Anionically Polymerized Polymers | Issued | 08/066598 | 05/24/1993 | 5358981 | 10/25/1994 |
| 69. | Removal of Alkali Metal Methoxide Catalyst Residue from Hydroxy- Terminated Conjugated Diene Polymers | Issued | 08/087646 | 07/06/1993 | 5338824 | 08/16/1994 |
| 70. | Coreactive Conjugated Diene Polymer Compositions Which Phase Separate When Cured | Issued | 08/090855 | 07/12/1993 | 5356993 | 10/18/1994 |
| 71. | Compatible Blends of Epoxy Resins | Issued | 08/090856 | 07/12/1993 | 5332783 | 07/26/1994 |
| 72. | Asphault Amine Functionalized Polymer Composition | Issued | 08/105549 | 08/12/1993 | 5322867 | 06/21/1994 |
| 73. | Capping of Anionic Polymers with Oxetanes | Issued | 08/157785 | 11/23/1993 | 5391637 | 02/21/1995 |
| 74. | Hydroxyl Functional Derivatives of Expoxidized Diene Block Copolymers and Process for Making Them (II) | Issued | 08/217397 | 03/24/1994 | 5356970 | 10/18/1994 |
| 75. | Hydroxyl Functional Derivatives of Epoxidized Diene Block Copolymers and Process for Making Them (II) | Issued | 08/217470 | 03/24/1994 | 5356969 | 10/18/1994 |
| 76. | Hydroxyl Functional Derivatives of Epoxidized Diene Block Copolymers and Process for Making Them (II) | Issued | 08/217472 | 03/24/1994 | 5356974 | 10/18/1994 |

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| 77. | Hydroxyl Functional Derivatives of Epoxidized Diene Block Copolymers and Process for Making Them (II) | Issued | 08/217517 | 03/24/1994 | 5356975 | 10/18/1994 |
| 78. | High Impact Resistant Blends of Thermoplastic Polyamides and Modified Block Copolymers | Issued | 08/262192 | 06/20/1994 | 5506299 | 04/09/1996 |
| 79. | Waterborne Dispersions of Epoxidized Polydiene Block Copolymers and Amino Resins | Issued | 08/389520 | 02/16/1994 | 6248810 | 06/19/2001 |
| 80. | Crosslinkable Waterborne Dispersions of Epoxidized Polydiene Block Copolymers and Amino Resins | Issued | 08/389521 | 02/16/1995 | 6255364 | 07/09/2001 |
| 81. | Block Copolymers of Polyalkylene and Halogenated Poly (Vinyl Aromatic) | Issued | 08/394529 | 02/17/1995 | 5633324 | 05/27/1997 |
| 82. | Alkoxy Silyl Capping Agents for Making Terminally Functionalized Polymers | Issued | 08/510928 | 08/03/1995 | 5548025 | 08/20/1996 |
| 83. | Process for Purification of Starting Materials for Metal Catalyzed Reactions and a Purification Reagent to be Used Therefore | Issued | 08/532121 | 09/22/1995 | 5693726 | 12/02/1997 |
| 84. | Free Flowing Elastomer Powder | Issued | 08/566651 | 12/04/1995 | 5837769 | 11/17/1998 |
| 85. | Process for Manufacturing Multiarmed Asymmetrical Radial Block Copolymers | Issued | 08/572974 | 12/15/1995 | 5691420 | 11/25/1997 |

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| 86. | Coupling to Produce Inside-Out Star Polymers with Expanded Cores | Issued | 08/574795 | 12/19/1995 | 5773521 | 06/30/1998 |
| 87. | Process for Manufacturing Isoprene Containing Block Polymers | Issued | 08/590712 | 01/24/1996 | 5736612 | 04/07/1998 |
| 88. | Multifunctional Initiator from Divinyl Dislane | Issued | 08/620112 | 03/21/1996 | 5605991 | 02/25/1997 |
| 89. | Monovinyl Aromatic Block Copolymer Containing Compositions and Microgranules and Powders Derived Therefrom to Be Used in Rotational Molding and Similar Processes | Issued | 08/620778 | 03/22/1996 | 5726239 | 03/10/1998 |
| 90. | Non-Aqueous Solvent Free Process for Making UV Cuerable Adhesives and Sealants from Epoxidized Monohydrated Diene Polymers | Issued | 08/638476 | 04/26/1996 | 5776998 | 07/07/1998 |
| 91. | Deprotection with Molten Salt | Issued | 08/648947 | 05/16/1996 | 5663250 | 09/02/1997 |
| 92. | Removal of Lithium from Polymer Cements | Issued | 08/652260 | 05/23/1996 | 5750032 | 05/12/1998 |
| 93. | Asphault Composition with Improved Processability | Issued | 08/728456 | 10/10/1996 | 5718752 | 02/17/1998 |
| 94. | Preparation Process for Polymer- Modified Bitumen | Issued | 08/752987 | 11/21/1996 | 5719216 | 02/17/1998 |
| 95. | Low Stress Relaxation Adhesive Having High Molecular Weight | Issued | 08/890134 | 07/09/1997 | H002100 | 04/06/2004 |

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| | Endblock Copolymer | | | | | |
| 96. | Crosslinkable Waterborne Dispersions of Hydroxy Functional Polydiene Polymers and Amino Resins | Issued | 08/942514 | 10/02/1997 | 5854314 | 12/29/1998 |
| 97. | Pressure Sensative Adhesives Comprising Thermoplastic Polyurethanes | Issued | 09/002903 | 01/05/1998 | 5929167 | 07/27/1999 |
| 98. | Increased Throughput in the Manufacture of Block Copolymers by Reduction on Polymer Cement Viscosity Through the Addition of Polar Solvents | Issued | 09/130248 | 08/06/1998 | 6187873 | 02/13/2001 |
| 99. | Structure Adhesives | Issued | 09/139696 | 08/25/1998 | 6077925 | 06/20/2000 |
| 100. | Compound Rubber Compositions | Issued | 09/153609 | 09/15/1998 | 6251982 | 06/26/2001 |
| 101. | Gel-Free Process for Making Functionalized Anionically Polymerized Polymers | Issued | 09/234335 | 01/20/1999 | 6462143 | 10/08/2002 |
| 102. | Conversion of Sticky Elastomeric Polymer Crumb Into Pellets Without Polymer Degredation | Issued | 09/306123 | 05/06/1999 | 6458300 | 10/01/2002 |
| 103. | Oil Gel Formulations Containing Polystyrene- Polydimethylsiloxane or Polyethylene-Polydimethylsiloxane Block Copolymers Dissolved in Siloxane Monomers | Issued | 09/307285 | 05/07/1999 | 6225390 | 05/01/2001 |

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| 104. | Oil Gel Formulations Containing Polysiloxane Block Copolymers Dissolved in Hydrogenated Silicon Oils | Issued | 09/379842 | 08/24/1999 | 6174968 | 01/16/2001 |
| 105. | Production of Saturated Siloxane Polymers from Aromatic Monomers | Issued | 09/441759 | 11/17/1999 | 6235863 | 05/22/2001 |
| 106. | Organic Polymers Containing Polyethylene or Polystyrene Polysiloxane Diblock Copolymers as Melt Processing Aids | Issued | 09/442220 | 11/17/1999 | 6331589 | 12/18/2001 |
| 107. | Novel Telechelic Polymers are Produced by Ozonation Degredation of Diene Polymers | Issued | 09/448664 | 11/24/1999 | 6420490 | 07/16/2002 |
| 108. | Treatment of Polymer Solution with Acid and Ammonia to Improve Polymer Color | Issued | 09/518437 | 03/02/2000 | 6222008 | 04/24/2001 |
| 109. | Hot Melt Pressure Sensitive Positioning Adhesive | Issued | 09/599131 | 06/22/2000 | 6465557 | 10/15/2002 |
| 110. | Hot Melt Pressure Sensitive Positions Adhesive (II) | Issued | 09/599755 | 06/22/2000 | 6455627 | 09/24/2002 |
| 111. | Crosslinkable Compositions Containing Epoxidzed Monohydroxylated Diene Polymers and Amino Resins | Published | 09/821702 | 03/29/2001 | | |
| 112. | Production of Porous Diene Polymer Pellets by Mechanical Drying | Issued | 09/959241 | 10/18/2001 | 6414042 | 07/02/2002 |

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| 113. | Elastomer Articles Prepared from Controlled Distribution Block Copolymers | Published | 10/209285 | 07/31/2002 | | |
| 114. | Uniform Initiation of Anionic Polymerization Using Organo- Substituted Alkali Metal Initiators | Published | 10/213789 | 08/07/2002 | | |
| 115. | Formulation for Strippable Adhesive and Coating Films | Published | 10/275353 | 03/05/2003 | | |
| 116. | Apparatus and Method for Forming Polymer Crumb | Published | 10/298686 | 11/18/2002 | | |
| 117. | Bituminous Composition with Improved "Walk-on-Ability" and its Use in Roofing Applications | Published | 10/381607 | 08/06/2003 | | |
| 118. | Bituminous Composition with Improved "Walk-on-Ability" and its Use in Roofing Applications | Issued | 10/655668 | 09/05/2003 | 6949593 | 09/27/2005 |
| 119. | Bituminous Composition with Improved "Walk-on-Ability" and its Use in Roofing Applications | Pending | 11/151111 | 06/13/2005 | | |
| 120. | Low Permeability Compounds of Block Copolymer and In-situi Oil | Pending | | | | |
| 121. | Oil Gels of Controlled Distribution Block Copolymers and Ester Oils | Pending | | 03/07/2006 | | |
| 122. | Lubricating Formulations Containing KRATON A Viscosity Index Improvers | Pending | | 03/10/2006 | | |

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| 123. | Solid Curable Polymeric Composition | Published | 10/492676 | 04/15/2004 | | |
| 124. | Poly(styrene-butadiene-styrene) polymers having a high vinyl content in the butadiene block and hot melt adhesive compositions comprising said polymers | Published | 10/508909 | 09/23/2004 | | |
| 125. | Packaging Tape Adhesive Composition and Packaging Tape Comprising It | Published | 10/538938 | 01/09/2006 | | |
| 126. | Block Copolymer Modified Bitumens, and felts, coatings, sealant and roads made therefrom | Published | 10/538939 | 06/16/2005 | | |
| 127. | Colorable Composition | Published | 10/555125 | 05/11/2006 | | |
| 128. | Gels from Controlled Distribution Block Copolymers | Published | 10/745352 | 12/22/2003 | | |
| 129. | Bituminous Compositions Modified by Non-Blocking Elastomers | Published | 11/010927 | 12/13/2004 | | |
| 130. | Pressure Sensative Adhesive and Compositions Prepared with Same | Published | 11/049456 | 02/02/2005 | | |
| 131. | Colored Roofing Membrane | Published | 11/062000 | 02/18/2005 | | |
| 132. | Oil Gels of Controlled Distribution Block Copolymers and Ester Oils | Published | 11/077670 | 03/11/2005 | | |
| 133. | Block Copolymers Comprising a Mixed Block Derived from Isoprene and Butadiene and Compositions | Published | 11/078922 | 03/11/2005 | | |

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| | Comprising Them | | | | | |
| 134. | Adhesive Compositions Comprising Mixtures of Block Copolymers | Published | 11/078943 | 03/11/2005 | | |
| 135. | Thermoplastic Gel Compositions that can be Converted into Thermoset Gel Compositions by Exposure to Radiation | Published | 11/088540 | 03/24/2005 | | |
| 136. | Thermoplastic Gel Compositions that Can Be Converted into Thermoset Gel Compositions by Exposure to Radiation | Published | 11/089710 | 03/25/2005 | | |
| 137. | Process for the Prevention or Restriction of Oil Spills | Published | 11/095454 | 03/31/2005 | | |
| 138. | Elastomeric Fibers Comprising Controlled Distribution Black Copolymers | Published | 11/219478 | 09/02/2005 | | |
| 139. | Highly Processible Compounds of High MW Conventional Block Copolymers and Controlled Distribution Black Copolymers | Published | 11/228107 | 09/16/2005 | | |
| 140. | Method for Controlling Polysilicon Removal | Published | 11/243140 | 10/04/2005 | | |
| 141. | Hot Melt Adhesive Composition Having Improved Stability | Published | 11/243170 | 10/04/2005 | | |
| 142. | Sound Damping Composition | Published | 11/243269 | 10/04/2005 | | |

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| 143. | Adhesive Composition | Published | 11/256748 | 10/24/2005 | | |
| 144. | Flexible Packaing Laminate Films Including a Block Copolymer Layer | Pending | 11/408497 | 04/21/2006 | | |
| 145. | Bituminous Compositions | Issued | 10/537686 | 06/06/2005 | 7230041 | 06/12/2007 |
| 146. | Functionalized Block Copolymers, method for Making Same and Various Uses for Such Block Copolymers | Pending | 11/972701 | 01/11/2008 | | |
| 147. | Process for Improving Tear Resistance in Elastic Films | Pending | 12/058108 | 03/28/2008 | | |
| 148. | Method for Partially:and Selectively Hydrogenated Polymers Made of Conjugated Dienes | Issued | 10/565583 | 23-Jan-2006 | 7304113 | 4-Dec-2007 |
| 149. | Polymer Modified Bitumen Composition to be Used in Asphalt Binders of Roofing Compositions | Pending | 11/578260 | 12-Dec-2008 | | |
| 150. | Process For The Preparation Of An Artificial Latex | Pending | 12/293491 | 18-Sept-2008 | | |
| 151. | Asphalt Binder For Porous Pavements | Pending | 12/092524 | 20-Aug-2008 | | |
| 152. | Process for Making a Coupled Low Vinyl Block Copolymer Composition and the Resulting Composition | Pending | 11/699692 | 30-Jan-2007 | | |
| 153. | Process for the Preparation of An Artificial Latex | Pending | 12/296457 | 8.Oct-2008 | | |
| 154. | Compositions Containing Styrene- Isobutylene-Styrene And Styrene- Ethylene/Butylene-Styrene Block Copolymers | Pending | 61/298749 | 27-Jan-2010 | | |
| 155. | High Impact resistant blends of thermoplastic polyesters and modified | Issued | 07/860125 | 31-Mar-1992 | 5281663 | 25-Jan-1994 |

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| 156. | block copolymers | | | | | |
| 130. | Blockcopolymer Compositions, | | | | | |
| | Having Improved Mechanical | | | | | |
| | Properties And Processability And | | | | | |
| | Styrenic Blockcopolymer To Be Used In Them | Issued | 10/510273 | 5-Oct-2004 | 7268184 | 11-Sept-2007 |
| 157. | Block Copolymer Compositions, | 188000 | 10/3102/3 | J-OCI-2004 | 7200104 | 11-3cpt-2007 |
| 137. | Having Improved Mechanical | | | | | |
| | Properties And Processability And | | | | | |
| | Styrenic Block Copolymer To Be | | | | | |
| | Used In Them | Pending | 11/670322 | 1-Feb-2007 | | |
| 158. | Block copolymer compositions having | 1 chang | 11/0/0322 | 1100 2007 | | |
| 150. | improved mechanical properties and | | | | | |
| | processability | Issued | 10/510360 | 25-Apr-2005 | 7186779 | 6-Mar-2007 |
| 159. | Styrenic block copolymer | 155400 | 10101000 | | 7100779 | 0 1/100 2007 |
| | compositions to be used for the | | | | | |
| | manufacture of transparent, gel free | | | | | |
| | films | Pending | 10/537123 | 25-Oct-2005 | | |
| 160. | Adhesive Composition And Tapes | | | | | |
| | And Labels Derived Therefrom | Issued | 10/546022 | 18-Aug-2005 | 7651765 | 26-Jan-2010 |
| 161. | Photo-polymerizable compositions | | | | | |
| | and flexographic printing plates | | | | | |
| | derived therefrom | Pending | 10/518985 | 21-Dec-2004 | | |
| 162. | Hydrogenated Styrenic Block | | | | | |
| | Copolymer Compositions with | | | | | |
| | Improved High Temperature | | | | | |
| | Overmolding Properties | Pending | 10/558446 | 31-May-2007 | | |
| 163. | Foamable Polymeric Compositions | | | | | |
| | And Articles Containing Foamed | | | | | |
| | Compositions | Published | 10/589705 | 12-Feb-2007 | | |
| 164. | Label Stock with Improved Die- | | | | | |
| | Cutting Performance | Pending | 10/546021 | 02-Sep-2005 | | |
| 165. | Low Viscosity, Hot Melt Stable | | | | | |
| | Adhesive Compositions | Published | 10/584870 | 08-Jun-2007 | | |
| 166. | Protective Films And Pressure | | | | | |
| | Sensitive Adhesives | Issued | 11/256819 | 24-Oct-2005 | 7645507 | 12-Jan-2010 |

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|------|--|---------|-------------------|---------------------|----------|---------------|
| 167. | High. Melt Strength Thermoplastic Elastomer Composition | Pending | 11/793739 | 13-Dec-2007 | | |
| 168. | Latex Accelerator Composition | Pending | 11/997846 | 20-May-2008 | | |
| 169. | Latex Accelerator Composition | Pending | 11/997842 | 4-Jun-2008 | | |
| 170. | High Molecular Weight Coupled Block Copolymer Compositions | Pending | 12/295297 | 30-Sep-2008 | | |
| 171. | Elastic Film Grade Thermoplastic Polymer Compositions Having Improved Elastic Performance | Pending | 12/441791 | 18-Mar-2009 | | |
| 172. | Polymer compositions | Issued | 07/965302 | 23-Oct-1992 | 5278220 | 11-Jan-1994 |
| 173. | Process for marking a pavement | Issued | 07/829184 | 31-Jan-1992 | 5213439 | 25-May-1993 |
| 174. | Polymers composition | Issued | 08/938434 | 26-Sep-1997 | 5863978 | 26-Jan-1999 |
| 175. | Coupled elastomeric block copolymers | Issued | 08/072211 | 4-Jun-1993 | 5300582 | 5-Apr-1994 |
| 176. | Elastosols, process for the preparation thereof, process for the use of such elastosols and products derived from them | Issued | 08/072210 | 4-Jun-1993 | 5900455 | 4:May-1999 |
| 177. | Process for the preparation of random copolymers of conjugated dienes and vinyl aromatic compounds | Issued | 07/567843 | 15-Aug-1990 | 5336737 | 9-Aug-I994 |
| 178. | Block copolymer of polyakylene and halogenated polystyrene | Issued | 08/432109 | 13-Mar-1995 | RE35308 | 30-Jul-1996 |
| 179. | Process for the preparation of a block copolymer blend | Issued | 08/208414 | 9-Mar-1994 | 5405903 | 11-Apr-1995 |
| 180. | Hydrogenation of unsaturation in low molecular weight diene polymers | Issued | 07/785715 | 31-Oct-1991 | 5166277 | 24-Nov-1992 |
| 181. | Sequentially polymerized styrene- isoprene-styrene block coplymer adhesive composition | Issued | 07/737118 | 29-Jul-1991 | 5242984 | 7-Sep-1993 |

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| | | | | | | |
| 182. | | | | | | |
| | Radiation cured adhesive composition | Issued | 08/084684 | 29-Jun-1993 | 5322895 | 21-Jun-1994 |
| 183. | Selective hydrogenation of conjugated | | | | | |
| | diolefin polymers | Issued | 07/811219 | 20-Dec-1991 | 5173537 | 22-Dec-1992 |
| 184. | Fixed bed hydrogenation of low | | 0.010.000.44 | | | |
| | molecular weight polydiene polymers | Issued | 08/080044 | 18-Jun-1993 | 5378767 | 3-Jan-1995 |
| 185. | Programmed Addition of Heavy | | | | | |
| | Ethers For Microstructure Control of | | 00/020/04 | 10.15 10.05 | | 10.1.1000 |
| | Diene Polymers | Issued | 08/820404 | 12-Mar-1997 | 5795944 | 18-Aug-1998 |
| 186. | Process for making submicron stable | | | | | |
| | latexes of block copolymers | Issued | 08/035870 | 23-Mar-1993 | 5336712 | 9-Aug-1994 |
| 187. | Hydroxyl functional derivatives of | | | | | |
| | epoxidized diene polymers and | | | | | |
| | process for making them | Issued | 08/049691 | 16-Apr-1993 | 5262496 | 16-Nov-1993 |
| 188. | Hydroxyl functional derivatives of | | | | | |
| | epoxidized diene polymers and | | 00104040 | 1000 | | 2.71.1001 |
| | process for making them | Issued | 08/049687 | 16-Apr-1993 | 5284901 | 8-Feb-1994 |
| 189. | Hydroxyl functional derivatives of | | | | | |
| | epoxidized diene polymers and | | | | | |
| | process for making them | Issued | 08/049682 | 16-Apr-1993 | 5264480 | 23-Nov-1993 |
| 190. | Capping of anionic polymers with | | | | | |
| | oxetanes | Issued | 08/319398 | 6-Oct-1994 | 5418296 | 23-May-1995 |
| 191. | Selective hydrogenation of conjugated | | | | | |
| | diolefin polymers with tebbe's reagent | Issued | 07/986200 | 7-Dec-1992 | 5244980 | 14-Sep-1993 |
| 192. | Selective hydrogenation of conjugated | | | | | |
| | diolefin polymers with tebbe's reagent | Issued | 08/049689 | 16-Apr-1993 | 5334566 | 2-Aug-1994 |
| 193. | Liquid star polymers having terminal | | | | | |
| | hydroxyl groups | Issued | 08/510022 | 1-Aug-1995 | 5594072 | 14-Jan-1997 |
| 194. | Low temperature toughening of | | | | | |
| | polyesters with a modified block | | | | | |
| | copolymer | Issued | 07/998206 | 30-Dec-1992 | 5300567 | 5-Apr-1994 |
| 195. | Star block copolymers of vinyl | | | | | |
| | aromatic hydrocarbons and | | | | | |
| | polydimethylsiloxane and method of | | | | | |
| | synthesis | Issued | 07/996285 | 23-Dec-1992 | 5276095 | 4-Jan-1994 |

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| 196. | Method of synthesis of block | | | | | |
| 170. | copolymers of vinyl aromatic | | | | | |
| | hydrocarbons and | | | | | |
| | olydimethylsiloxane. | Issued | 07/990587 | 15-Dec-1992 | 5296574 | 22-Mar-1994 |
| 197. | Process for making block copolymers | | | | | |
| | of vinyl aromatic hydrocarbons and/or | | | | | |
| | conjugated dienes and | | | | | |
| | polydimethylsiloxane | Issued | 07/990913 | 15-Dec-1992 | 5281666 | 25-Jan-1994 |
| 198. | | | | | | |
| | Thermoplastic block copolymer films | Issued | 08/134498 | 12-Oct-1993 | 5320899 | 14-Jun-1994 |
| 199. | Hydroxyl functional derivatives of | | | | | |
| | epoxidized diene block copolymers | | 07/0/0/10 | | | |
| 000 | and process for making them (II) | Issued | 07/863648 | 3-Apr-1992 | 5300586 | 5-Apr-1994 |
| 200. | Radiation cured conjugated diene | | 00/070 470 | 10.1 1002 | 5534773 | 17.1.1007 |
| 201 | block copolymer compositions | Issued | 08/079478 | 18-Jun-1993 | 5536772 | 16-Jul-1996 |
| 201. | Solvent-Free laminating adhesive | | | | | |
| | composition from epoxidized block | I amad | 00/042420 | C A 1002 | 5202010 | 20 Est 1005 |
| 202. | polymer | Issued | 08/043428 | 6-Apr-1993 | 5393818 | 28-Feb-1995 |
| 202. | Solvent-Free laminating adhesive composition | Issued | 08/337714 | 23-Jan-1995 | 5516824 | 14 May 1006 |
| 203. | <u> </u> | 188000 | 00/33//14 | 2J-Jali-1993 | 3310024 | 14-May-1996 |
| 205. | Solvent-Free laminating adhesive composition | Issued | 08/582858 | 4-Jan-1996 | 5641823 | 24-Jun-1997 |
| 204. | Color stable coupled diene polymers | 155000 | 00/302030 | +-Jan-1770 | 3041023 | 24-Juii-1991 |
| 201. | and. hot melt adhesives containing | | | | | |
| | them | Issued | 07/891616 | 1-Jun-1992 | 5266649 | 30-Nov-1993 |
| 205. | Butadiene polymers having terminal | | 0.000,2020 | | | |
| | functional groups | Issued | 07/938917 | 31-Aug-1992 | 5393843 | 28-Feb-1995 |
| 206. | Butadiene polymers having terminal | | | | | |
| | functional groups | Issued | 08/306552 | 15-Sep-1994 | 5405911 | 11-Apr-I995 |
| 207. | REISSUE OF US 5,393,843 – | | | | | |
| | Butadiene polymers having terminal | | | | | |
| | functional groups | Issued | 10/657064 | 5-Sep-2003 | RE39559 | 10-Apr-2007 |
| 208. | REISSUE OF US 5,405,911 – | | | | | |
| | Butadiene polyrners haying terminal | | | | | |
| | functioning groups | Issued | 10/655988 | 5-Sep-2003 | RE39617 | 8-May-2007 |

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| 209. | D | | | | | |
| 209. | Reexamination – Butadiene polymers having terminal functional groups | Pending | 90/008018 | 24-Apr-2006 | | |
| 210. | Method for producing statistically | Tending | 70/000010 | 2 1 1 1 pr 2000 | | |
| 210. | coupled asymmetric radial polymers | Issued | 08/150929 | 10-Nov-1993 | 5446093 | 29-Aug-1995 |
| 211. | Method for preparing asymmetric | | | | | |
| | radial copolymers having four first | | | | | |
| | arms and | | | | | |
| | two second arms | Issued | 08/149598 | 9-Nov-1993 | 5369175 | 29-Nov-1994 |
| 212. | Adhesives containing vinyl aromatic | | | | | |
| | hydrocarbon/diene/acrylic monomer | | | | | |
| | block copolymers | Issued | 08/228239 | 15-Apr-1994 | 5403658 | 4-Apr-1995 |
| 213. | Randomly epoxidized small star | | | | | |
| | polymers | Issued | 07/901349 | 19-Jun-1992 | 5247026 | 21-Sep-1993 |
| 214. | Randomly epoxidized small star | | | | | |
| | polymers | Issued | 08/237497 | 3-May-1994 | 5428114 | 27-Jun-1995 |
| 215. | Solvent-free water-based emulsions of | , | 001402400 | 20 F 1 4004 | 5712405 | 40.16.4007 |
| 216 | anionically polymerized polymers | Issued | 08/603490 | 20-Feb-1996 | 5612407 | 18-Mar-1997 |
| 216. | Method for producing asymmetric | T 1 | 00/050400 | 27.15 1004 | 5.447005 | 5.0 1005 |
| 017 | radial polymers | Issued | 08/250409 | 27-May-1994 | 5447995 | 5-Sep-1995 |
| 217. | Core functionalized star block | т 1 | 00/22/0/5 | 10 N 1004 | 5461116 | 24.0 4.1005 |
| A1 0 | copolymers | Issued | 08/336965 | 10-Nov-1994 | 5461116 | 24-Oct-1995 |
| 218. | A method for producing asymmetric | Iamad | 00/452020 | 20 May 1005 | 5550400 | 2 San 1006 |
| 210 | radial polymers | Issued | 08/453039 | 30-May-1995 | 5552493 | 3-Sep-1996 |
| 219. | Photopolymerizable Recording Composition for Water-Washable | | | | | |
| | Printing Plates Containing A Water- | | | | | |
| | Dispersible Elastomeric Polymer | | | | | |
| | Blend | Issued | 08/264822 | 23-Jun-1994 | 5422225 | 06-June-1995 |
| 220. | Functionalized vinyl | | 001-01-01-01-01-01-01-01-01-01-01-01-01- | 200000000000000000000000000000000000000 | 1 | 00 0000 |
| | aromatic/conjugated diolefin block | | | | | |
| | copolymer and salt of fatty acid | | | | | |
| | compositions | Issued | 07/796881 | 25-Nov-1991 | 5218033 | 8-Jun-1993 |
| 221. | Blends of modified radial polymers | | | | | |
| | and engineering thermoplastic | | | | | |
| | polymers | Issued | 07/505373 | 6-Apr-1990 | 5218044 | 8-Jun-1993 |

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| | | | NO NO | DATE | | DATE |
| 222. | | | | | | |
| <i>LLL</i> . | Modified radial polymers | Issued | 08/248840 | 25-May-1994 | 5599879 | 4-Feb-1997 |
| 223. | Selectively sulfonated block | Issued | 00/240040 | 25 May 1994 | 3377017 | 7 100 1/// |
| 224. | copolymer/extender oils | Issued | 08/541570 | 10-Oct-1995 | 5516831 | 14-May-1996 |
| 224. | Tie layer composition and laminated | | | | | , , , , , |
| | structures containing same | Issued | 07/542687 | 25-Jun-1990 | 5021113 | 4-Jun-1991 |
| 225. | Water repellent fabrics | Issued | 07/783670 | 28-Oct-1991 | 5164253 | 17-Nov-1992 |
| 226. | Elastomeric film | Issued | 07/556675 | 23-Jul-1990 | 5068138 | 26-Nov-1991 |
| 227. | Asphalt-block copolymer-roofing composition | Issued | 07/553042 | 16-Jul-1990 | 5051457 | 24-Sep-1991 |
| 228. | Asphalt-block copolymer paving composition | Issued | 07/810547 | 19-Dec-1991 | 5118733 | 2-Jun-1992 |
| 229. | Asphalt-block copolymer-roofing composition | Issued | 07/827528 | 29-Jan-1992 | H1141 | 2-Feb-1993 |
| 230. | Carboxy functional hydrogenated block copolymer dispersed in epoxy | | 07/5022/2 | 20.14 4000 | 5115010 | 10.14 1002 |
| 001 | resin | Issued | 07/503343 | 30-Mar-1990 | 5115019 | 19-May-1992 |
| 231. | Removal of hydrogenation catalyst from polymer solutions by contact with silicates | Issued | 07/617224 | 23-Nov-1990 | 5104972 | 14-Apr-1992 |
| 232. | Removal of hydrogenation catalyst | 153000 | 07/017221 | 23 1(01 1))0 | 3101712 | 1111011992 |
| | from polymer solutions by contact with activated carbon | Issued | 07/617225 | 23-Nov-1990 | 5089541 | 18-Feb-1992 |
| 233. | Styrene-Isoprene-Styrene block copolymer composition for low viscosity low temperature hot melt | L1 | 07/510005 | 11 4 1000 | 5110760 | 2 L., 1002 |
| 234. | adhesives Process to blend polyamides and | Issued | 07/510905 | 11-Apr-1990 | 5118762 | 2-Jun-1992 |
| <i>∆J</i> ₹. | functionalized elastomers and blends prepared by this method | Issued | 07/887566 | 18-May-1992 | 5242975 | 7-Sep-1993 |
| 235. | | | | <u> </u> | | 1 |
| | Thermoplastic elastomers | Issued | 07/525812 | 21-May-1990 | 5194510 | 16-Mar-1993 |
| 236. | Thermoplastic elastomers | Issued | 07/957494 | 7-Oct-1992 | 5278245 | 11-Jan-1994 |

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| 237. | Crosslinked epoxy functionalized | | | | | |
| | polydiene block polymers and | | 0-1 | - 0 1001 | | |
| *** | adhesives | Issued | 07/772172 | 7-Oct-1991 | 5382604 | 17-Jan-1995 |
| 238. | Crosslinked adhesive compositions | | | | | |
| | comprising epoxy functionalized | | | | | |
| | polydiene block polymers and | T 1 | 00/000045 | 10 1 1000 | 5300501 | 14 T 1 1005 |
| 220 | hydrogenated tackifying resins | Issued | 08/080045 | 18-Jun-1993 | 5389701 | 14-Feb-1995 |
| 239. | Epoxidized viscous conjugated diene | | 00440450 | | -110-10 | |
| | block copolymers | Issued | 08/130169 | 30-Sep-1993 | 5449718 | 12-Sep-1995 |
| 240. | Crosslinked epoxy functionalized | | | | | |
| | polydiene block polymers and | T 1 | 00/04/540 | 10.35 1004 | 5404400 | 10 F 1 1005 |
| 244 | adhesives | Issued | 08/241710 | 10-May-1994 | 5491193 | 13-Feb-1995 |
| 241. | Viscous conjugated diene block | | 00/550045 | 20 D 400 C | | 44.34 400= |
| | copolymers | Issued | 08/770915 | 20-Dec-1996 | 5686535 | 11-Nov-1997 |
| 242. | Epoxidized viscous conjugated diene | | | | | |
| | block copolymers | Issued | 08/692638 | 29-Apr-1991 | 5229464 | 20-Jul-1993 |
| 243. | Viscous conjugated diene block | | | | | |
| | copolymers | Issued | 08/084683 | 29-Jun-1993 | 5399626 | 21-Mar-1995 |
| 244. | Termination of anionic | | | | | |
| | polymerization using hydrogen | Issued | 07/522693 | 14-May-1990 | 5143990 | 1-Sep-1992 |
| 245. | Termination of anionic | | | | | |
| | polymerization | Issued | 07/685111 | 15-Apr-1991 | 5151475 | 29-Sep-1992 |
| 246. | Low stress relaxation extrudable | | | | | |
| | elastomeric composition | Issued | 07/513417 | 23-Apr-1990 | 5093422 | 3-Mar-1992 |
| 247. | Low stress relaxation extrudable | | | | | |
| | elastomeric composition | Issued | 07/766373 | 27-Sep-1991 | 5304599 | 19-Apr-1994 |
| 248. | Selective hydrogenation of conjugated | | | | | |
| | diolefin polymers | Issued | 07/529807 | 29-May-1990 | 5039755 | 13-Aug-1991 |
| 249. | Block copolymer of polyalkylene and | | | | | |
| | halogenated poly (vinyl aromatic) | Issued | 08/349705 | 5-Dec-1994 | 5639830 | 17-Jun-1997 |
| 250. | Block copolymer of polyalkylene and | | | | | |
| | halogenated poly(vinyl aromatic) | Issued | 08/394528 | 17-Feb-1995 | 5548030 | 20-Aug-1996 |
| 251. | Color prevention in titanium catalyzed | | | | | |
| | hydrogenated diene polymers | Issued | 07/889349 | 28-May-1992 | 5242961 | 7-Sep-1993 |
| 252. | Color prevention in titanium catalyzed | | | | | |
| | hydrogenated diene polymers | Issued | 08/049685 | 16-Apr-1993 | 5280058 | 18-Jan-1994 |

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| 253. | Color prevention in titanium catalyzed hydrogenated diene polymers | Issued | 08/049690 | 16-Apr-1993 | 5280059 | 18-Jan-1994 |
| 254. | Selective partial hydrogenation of conjugated diolefin polymers | Issued | 07/927904 | 10-Aug-1992 | 5242986 | 7-Sep-1993 |
| 255. | Block copolymer dispersions and process to prepare block copolymer dispersions | Issued | 07/590386 | 28-Sep-1990 | 5120765 | 9-Jun-1992 |
| 256. | Block copolymer dispersions and process to prepare block copolymer dispersions | Issued | 07/305770 | 12-Dec-1991 | 5141986 | 25-Aug-1992 |
| 257. | Depolymerization of conjugated diene polymers | Issued | 07/785114 | 30-Oct-1991 | 5162446 | 10-Nov-1992 |
| 258. | Functionalized block copolymers cured with isocyanates | Issued | 08/423438 | 18-Apr-1995 | 6211292 | 3-Apr-2001 |
| 259. | Process for the reduction of diene polymer hot melt adhesive color | Issued | 07/756666 | 9-Sep-1991 | 5145896 | 8-Sep-1992 |
| 260. | Polymers having stable anhydride rings | Issued | 07/880280 | 8-May-1992 | 5218053 | 8-Jun-1993 |
| 261. | Asphalt-diene polymer composition with improved adhesion to polar materials | Issued | 07/699022 | 13-May-1991 | 5130354 | 14-Jul-1992 |
| 262. | 100% triblock hydrogenated styrene- isoprene-styrene block copolymer composition adhesives | Issued | 07/703068 | 20-May-1991 | 5210147 | 11-May-1993 |
| 263. | Process for selective hydrogenation of conjugated diolefm polymers | Issued | 07/756392 | 9-Sep-1991 | 5132372 | 21-Jul-1992 |
| 264. | Protected functionalized initiators for making terminally functionalized | | | | | |
| 265. | Protected functional initiators for making terminally functionalized | Issued | 08/12116 | 22-Nov-1993 | 5391663 | 21-Feb-1995 |
| 266. | polymers Method for producing coupled asymmetric polymers | Issued Issued | 08/539467 08/120116 | 5-Oct-1995 10-Sep-1993 | 5612435 | 18-Mar-1997 1-Nov-1994 |

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| 267. | Process for the preparation of random copolymers of conjugated dienes and vinyl aromatic compounds | Issued | 08/084685 | 29-Jun-1993 | H2030 | 4-Jun-2002 |
| 268. | High molecular weight low coupled linear Styrene-Isoprene-Styrene Block Copolymer Composition and adhesives made therefrom | Issued | 08/199401 | 22-Feb-1994 | 5412032 | 2-May-1995 |
| 269. | Monohydroxylated 1,3- polybutadienepolyisocyanate product reacted with hydroxyl-functional | | | | 5378761 | |
| 270. | resin Adhesives, sealants, coatings and polymer compositions containing monohydroxylated polydienes in hydroxyl functional resins | Issued | 08/082215 | 24-Jun-1993 31-Aug-1994 | 5554691 | 3-Jan-1995 10-Sep-1996 |
| 271. | Process for improving the color of selectively hydrogenated block copolymers modified with acid compounds or derivatives | Issued | 08/099022 | 29-July-1993 | 5405914 | 11-Apr-1995 |
| 272. | Blends of polystyrene/polypropylene grafted polymers and elastomeric tetrablock copolymers | Issued | 08/150936 | 10-Nov-1993 | 5378760 | 3-Jan-1995 |
| 273. | Blends of polystyrene/polypropylene grafted polymers and elastomeric block copolymers | Issued | 08/298628 | 31-Aug-1994 | 5461111 | 24-Oct-1995 |
| 274. | Alkoxy silyl capping agents for making terminally functionalized polymers | Issued | 08/330054 | 27-Oct-1994 | 5478899 | 26-Dec-1995 |
| 275. | Alkoxy silyl capping agents for making terminally functionalized polymers | Issued | 08/510928 | 3-Aug-1995 | 5548025 | 20-Aug-1996 |
| 276. | Process for making submicron stable latexes of hydrogenated block copolymers | Issued | 08/775469 | 30-Dec-1996 | 5688856 | 18-Nov-1997 |
| 277. | Crosslinkable low viscosity star polymer blends | Issued | 08/090852 | 12-Jul-1993 | 5446104 | 29-Aug-1995 |

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| 278. | Dissimilar arm asymmetric radial or star block copolymers for adhesives and sealants | Issued | 08/149595 | 9-Nov-1993 | 5393841 | 28-Feb- 1995 |
| 279. | Dissimilar arm asymmetric radial or star block copolymers for adhesives and sealants | Issued | 08/537482 | 2-Oct-1995 | 5639831 | 17-Jun-1997 |
| 280. | Dissimilar arm asymmetric radial or star block copolymers for adhesives and sealants | Issued | 08/537498 | 2-Oct-1995 | 5610238 | 11-Mar-1997 |
| 281. | Dissimilar arm asymmetric radial or star block copolymers for adhesives and sealants | Issued | 08/336632 | 9-Nov-1994 | 5486574 | 23-Jan-1996 |
| 282. | Low viscosity terminally functionalized isoprene polymers | Issued | 08/160341 | 1-Dec1993 | 5376745 | 27-Dec-1994 |
| 283. | Impact modification of polypropylene with styrene/isoprene triblock copolymers | Issued | 08/304974 | 13-Sep-1994 | H1518 | 6-Feb-1996 |
| 284. | Impact modification of propylene with styrene/isoprene tetrablock copolymers | Issued | 68/305612 | 14:Sep-1994 | 5492967 | 20-Feb-1996 |
| 285. | Concurrent epoxidation and catalyst residue extraction | Issued | 08/442520 | 16-May-1995 | 5543472 | 6-Aug-1996 |
| 286. | Protected functional initiated polymers capped with low surface energy fluorocarbons | Issued | 08/359805 | 20-Dec-1994 | 5486568 | 23-Jan-1996 |
| 287. | Protected functional initiated polymers capped with low surface energy fluorocarbons | Issued | 08/540996 | 11-Oct-1995 | 5545691 | 13-Aug-1996 |
| 288. | Radial hydrogenated block copolymers showing one phase melt behaviour | Issued | 09/643019 | 21-Aug-2000 | 6451913 | 17-Sep-2002 |
| 289. | Process for producing high diblock content block copolymer compositions | Issued | 08/245097 | 17-May-1994 | 5420203 | 30-May-1995 |
| 290. | Multiblock hydrogenated polymers for adhesives | Issued | 08/548719 | 26-Oct-1995 | 5627235 | 6-May-1997 |

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| 291. | Multiblock hydrogenated polymers | T 1 | 00/00000 | 7.0 . 7.004 | 5500540 | A1 D 1007 |
| 202 | for adhesives | Issued | 08/320033 | 7-Oct-I 994 | 5589542 | 31-Dec-1996 |
| 292. | Multiblock hydrogenated polymers | T 1 | 00/005500 | 26 E-l. 1007 | DE2/353 | 27 I 2000 |
| 293. | for adhesives | Issued | 08/805599 | 26-Feb-1997 | RE36757 | 27-Jun-2000 |
| 295. | Toughened blends of alpha polyamides and functionalized block | | | | | |
| | copolymers | Issued | 09/300622 | 27-Apr-1999 | 6258892 | 10-Jul-2001 |
| 294. | Anionic Polymerization Diinitiator | 155464 | 09/300022 | 27 Fipt 1999 | 0230072 | 10 341 2001 |
| 271. | and Process for Preparing Same | Issued | 10/947011 | 22-Sep-2004 | 7285596 | 23-Oct-2007 |
| 295. | An Organo-Dilithium Compound and | 155464 | 10,5 11011 | 22 00p 200 i | 1200000 | 25 000 2001 |
| | Process for Preparing The Same | Issued | 11/876596 | 22-Oct-2007 | 7550537 | 23-Jun-2009 |
| 296. | , | | | | | |
| | Hydrogenation of polymers | Issued | 08/340966 | 17-Nov-1994 | 6177521 | 23-Jan-2001 |
| 297. | Hydrogenated elastomer primed | | | | | |
| | polyolefin film | Issued | 08/595094 | 01-Feb-1996 | H001949 | 06-Mar-2001 |
| 298. | Protected functional initiators for | | | | | |
| | making terminally functionalized | | | | | |
| | polymers | Issued | 08/220804 | 31-Mar-1994 | 5416168 | 16-May-1995 |
| 299. | Composition of epoxy resin, | | | | | |
| | epoxidized block polydiene and | T 1 | 00/000004 | 15 1 1001 | 5.450005 | AC D 1005 |
| 200 | curing agent | Issued | 08/228324 | 15-Apr-1994 | 5478885 | 26-Dec-1995 |
| 300. | Process for incorporation of | | | | | |
| | epoxidized polydienes into epoxy | Isanod | 00/675746 | 2 Jul 1004 | 5721316 | 24 Eak 1000 |
| 301. | resins Epoxidized low viscosity rubber | Issued | 08/675746 | 3-Jul-1996 | 3/21310 | 24-Feb-1998 |
| JV1. | toughening modifiers for | | | | | |
| | cycloaliphatic epoxy resins | Issued | 08/228250 | 15-Apr-1994 | 5420202 | 30-May-1995 |
| 302. | Crosslinkable waterborne dispersions of | 155000 | 00/220230 | 15 7101 1771 | 3 120202 | 30 May 1993 |
| J 0 2 . | hydroxyl functional polydiene | | | | | |
| | polymers and amino resins | Issued | 08/679164 | 12-Jul-1996 | 5721317 | 24-Feb-1998 |
| 303. | Die Cuttable Label Adhesive | | | | | |
| | Formulations | Issued | 10/321257 | 17-Dec-2002 | 6794441 | 21-Sep-2004 |
| 304. | Removal of Lithium From Polymer | | | | | |
| | cements | Issued | 08/652261 | 23-May-1996 | 5550196 | 8-Dec-1998 |
| 305. | Low viscosity adhesive compositions | | | | | |
| | containing asymmetric radial polymers | Issued | 08/336458 | 9-Nov-1994 | 5847072 | 27-Aug-1996 |

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| 306. | Low viscosity adhesive compositions | | | | | |
| | containing asymmetric radial polymers | Issued | 08/435067 | 8-May-1995 | 5576395 | 19-Nov-1996 |
| 307. | Low viscosity adhesive compositions | | | | | |
| | containing asymmetric radial polymers | Issued | 08/489529 | 12-Jun-1995 | 5554690 | 10-Sep-1996 |
| 308. | Epoxidized low viscosity rubber | | | | | |
| | toughening modifiers for | | | | | |
| | cycloaliphatic epoxy resins (II) | Issued | 08/277379 | 18-Jul-1994 | 5499409 | 19-Mar-1996 |
| 309. | Polyurethane sealants and adhesives | | | | | |
| | containing saturated hydrocarbon | | | | | |
| | polyols | Issued | 08/315166 | 29-Sep-1994 | 5486570 | 23-Jan-1996 |
| 310. | Monohydroxylated diene polymers | | 00/2000/1 | - 100- | (7074.40 | AT 11 A002 |
| 211 | and epoxidized derivatives thereof | Issued | 08/399864 | 7-Mar-1995 | 6525142 | 25-Feb-2003 |
| 311. | Anionically polymerized block | | | | | |
| | copolymers of ethylene and cyclic | IJ | 08/634078 | 17 4 1007 | 5(10002 | 9 A 1007 |
| 312. | siloxane monomers | Issued | 08/034078 | 17-Apr-I996 | 5618903 | 8-Apr-1997 |
| 312. | Extrudable styrenic block copolymer compositions containing | | | | | |
| | a metallocene polyolefin | Issued | 08/756354 | 26-Nov-I996 | H1808 | 5-Oct-1999 |
| 313. | Epoxidized monohydroxylated block | 133464 | 00/730334 | 20110/1270 | 111000 | J (00 1)/) |
| 515. | polymer, epoxy resin, curing agent and | | | | | |
| | epoxy diluent | Issued | 08/437107 | 5-May-1995 | 5461112 | 24-Oct-1995 |
| 314. | Polyurethane coatings and adhesives | | | | | |
| | containing monohydroxylated diene | | | | | |
| | polymers and epoxidized derivatives | | | | | |
| | thereof | Issued | 08/320802 | 11-Oct-1994 | 5459200 | 17-Oct-1995 |
| 315. | | | | | | |
| | Polymeric composition | Issued | 09/040987 | 18-Mar-1998 | 5973071 | 26-Oct-1999 |
| 316. | Pressure sensitive structural | | | | | |
| | adhesives and sealants based on | | | | | |
| | telechelic/heterotelechelic | T 1 | 00/621750 | 10.1. 1006 | 5501210 | A4 E 1 1000 |
| 017 | polymers with dual cure systems | Issued | 08/631759 | 12-Apr-1996 | 5721318 | 24-Feb-1998 |
| 317. | Telechelic And Heterotelechelic | | | | | |
| | Polymers With Dual Curing | Iconad | 03/654463 | 28 May 1006 | 5000017 | 9-Mar-1999 |
| 318. | Agents Talashalia nalumara and | Issued | 03/034403 | 28-May-1996 | 5880217 | 9-Mat-1999 |
| 310. | Telechelic polymers and | Iconad | 08/932969 | 18 San 1007 | 5910541 | Q Jun 1000 |
| | helerotelechelic polydiene block | Issued | 1 001732709 | 18-Sep-1997 | 7510741 | 8-Jun-1999 |

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| 210 | polymers with dual cure systems | | | | | |
| 319. | Adhesives and sealants based on | | | | | |
| | telechelic polymers and | | | | | |
| | heterotelechelic block polymers | T 1 | 00/054400 | 16 1 1006 | 5004657 | 0.0 1000 |
| 200 | with dual cure systems | Issued | 08/654462 | 16-Aug-1996 | 5804657 | 8-Sep-1998 |
| 320. | Adhesives and sealants based on | | | | | |
| | telechelic polymers and | | | | | |
| | heterotelechelic block polymers | T 1 | 00/070227 | 12 M 1000 | 5010540 | 0.1. 1000 |
| 201 | with dual cure systems | Issued | 09/078336 | 13-May-1998 | 5910542 | 8-Jun-1999 |
| 321. | Telehelic polymers and | | | | | |
| | helerotelehelic polydiene block | T 1 | 00/022070 | 10.0 1007 | 50.400.62 | 7.0 1000 |
| 222 | polymers with dual cure systems | Issued | 08/932970 | 18-Sep-1997 | 5948863 | 7-Sep-1999 |
| 322. | Telechelic heterotelechelic | | | | | |
| | polydiene polymers with dual cure | T 1 | 00/510005 | 20 4 1005 | 555.000 | 10.37 1006 |
| 222 | systems | Issued | 08/519885 | 28-Aug-1995 | 5576388 | 19-Nov-1996 |
| 323. | Coupling of anionic polymers with | | | | | |
| | trialkoxysilanes having silicon- | | 00,000 | | - < 0.4 0.0 - | 20.0.100= |
| | hydrogen bonds | Issued | 08/705032 | 29-Aug-1996 | 5681895 | 28-Oct-1997 |
| 324. | Use of Polydiene Diols in | | | | | |
| | Thermoplastic Polyurethanes | Issued | 08/494639 | 23-Jun-1995 | 5925724 | 20-Jul-1999 |
| 325. | Acid-grafted hydrogenated | | | | | |
| | elastomer/end block aromatic resin | | | | | |
| | primer | Issued | 08/903252 | 25-Jul-1997 | 5993900 | 30-Nov-1999 |
| 326. | Fluoro-functional polyethylene- | | | | | |
| | polysiloxane block copolymers | Issued | 09/442221 | 17-Nov-1999 | 6316112 | 13-Nov-2001 |
| 327. | Block copolymers containing both | | | | | |
| | polystyrene and low vinyl content | | | | | |
| | polydiene hard blocks | Issued | 10/325199 | 20-Dec-2002 | 6703449 | 9-Mar-2004 |
| 328. | Compositions containing | | | | | |
| | epoxidized monohydroxylated | | | | | |
| | diene polymers, amino resins, and | | | | | |
| | reactive reinforcement agents | Issued | 08/444080 | 17-May-1995 | 5500481 | 19-Mar-1996 |
| 329. | Process for making anionic polymeric | | | | | |
| | di- and polyfunctional polymers, | | | | | |
| | using protected functional initiators | Issued | 09/305491 | 5-May-1999 | 6103846 | 15-Aug-2000 |

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| 220 | 01.6 6 1' IW | | | | | |
| 330. | Solvent free process for making UV | | | | | |
| | curable adhesives and sealants from | | | | | |
| | epoxidized monohydroxylated diene polymers (II) | issued | 08/665071 | 11-Jun-1996 | 5691414 | 25-Nov-1997 |
| 331. | 1 | ISSUEU | 08/0030/1 | 11-Juli-1990 | 3091414 | 23-N0V-1997 |
| 331. | Polyphenylene ether/polystyrene | Iamad | 00/05/022 | 0: A 1000 | 6057401 | 2 May 2000 |
| 222 | blends with improved processability | Issued | 09/056923 | 8'-Apr-1998 | 6057401 | 2-May-2000 |
| 332. | Low viscosity hot melt disposables | I1 | 00//07004 | 20 A 1000 | 5710227 | 17 E.L 1000 |
| 100 | adhesive composition | Issued | 08/697804 | 30-Aug-1996 | 5719226 | 17-Feb-1998 |
| 333. | High 1,2-content-thermoplastic | | | | | |
| | elastomer / oil / polyolefin | Issued | 08/898001 | 25-Jul-1997 | 5777031 | 7-Jul-1998 |
| 334. | composition | Issued | 00/090001 | 23-Jul-1997 | 3777031 | /-Jul-1990 |
| JJ 4 . | Low voc, high solids furnigation | Inmed | 08/712402 | 11 Com 1004 | 5022649 | 2 Ave 1000 |
| 225 | adhesive composition | Issued | 08//12402 | 11-Sep-1996 | 5932648 | 3-Aug-1999 |
| 335. | Block Copolymers with improved | I amad | 00/701644 | 26 San 1006 | 50(0024 | 10.0 -+ 1000 |
| 226 | overmoulding adhesion | Issued | 08/721644 | 26-Sep-1996 | 5969034 | 19-Oct-1999 |
| 336. | Adhesive compositions for skin | I | 00/041407 | 20 8 1007 | 5001057 | C A 1000 |
| 227 | adhesion and bandages applications | Issue | 08/941497 | 30-Sep-1997 | 5891957 | 6-Apr-1999 |
| 337. | Improved chemical curing of | | | | | |
| | epoxidized diene polymers using | Iamad | 00/707155 | 10-Feb-1997 | 5741056 | 21 |
| 120 | aromatic anhydride curing agents | Issued | 08/797155 | 10-reb-1997 | 5741856 | 21-Apr-1998 |
| 338. | Chemical curing of epoxidized diene | | | | | |
| | polymers using aromatic anhydride curing agents | Issued | 08/975417 | 20-Nov-1997 | 5932656 | 3-Aug-1999 |
| 339. | Modified styrenic block copolymer | 188000 | 00/973417 | 20-NOV-1997 | 3932030 | J-Aug-1999 |
| 337. | compounds having improved elastic | | | | | |
| | performance | Issued | 08/731902 | 22-Oct-1996 | 5705556 | 6-Jan-1998 |
| 340. | Process for producing conjugated | 155000 | 00/731702 | 22-001-1770 | 3103330 | 0-Jan-1770 |
| JTU. | diene diols using carbon dioxide | Issued | 09/080999 | 19-May-1998 | 6075097 | 13-Jun-2000 |
| 341. | Crosslinkable hydroxy terminated | 155000 | 07/000777 | 17-1414y-1770 | 0073077 | 15-7411-2000 |
| JT1. | polydiene polymer coating | | | | | |
| | compositions for use on substrates | | | | | |
| | and a process for preparing them | Issued | 09/005238 | 9-Jan-1998 | 6043316 | 28-Mar-2000 |
| 342. | Crosslinkable hydroxy terminated | 100000 | 371000200 | 7 0001 2770 | 00.0010 | 20 11141 2000 |
| J 12. | polydiene polymer coating | | | | | |
| | compositions for use on substrates | | | | | |
| | and a process for preparing them | Issued | 09/005237 | 9-Jan-1998 | 5962077 | 5-Oct-1999 |

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| 343. | Crosslinkable hydroxy terminated polydiene polymer coating compositions for use on substrates | | | | | |
| | and a process for preparing them | Issued | 09/005412 | 9-Jan-1998 | 5916941 | 29-Jun-1999 |
| 344. | Crosslinkable hydroxy terminated polydiene polymer coating compositions for use on substrates and a process for preparing them | Issued | 09/748291 | 13-Nov-1996 | 5750627 | 12-May-1998 |
| 345. | Block copolymers with improved overmoulding adhesion | Issued | 08/721128 | 26-Sep-1996 | 5723543 | 3-Mar-1998 |
| 346. | High Temperature, Low Viscosity Thermoplastic Elastomer Block Copolymer Compositions | Issued | 08/821138 | 20-Mar-1997 | 5750622 | 12-May-1998 |
| 347. | Removal of lithium from polymer cements | Issued | 08/652084 | 23-May-1996 | 5767207 | 16-Jun-1998 |
| 348. | Polyurethanes having improved moisture resistance | Issued | 08/598858 | 9-Feb-1996 | 6111049 | 29-Aug-2000 |
| 349. | Oil free compounds of styrenic block copolymers amorphorus polyolefins and carbon block | Issued | 08/904528 | 1-Aug-1997 | 6133350 | 17-Oct-2000 |
| 350. | Removal of hydrogenation catalyst from polymer solutions by treatment with ammonia and carbon dioxide | I1 | 00/271202 | 10 A 1000 | (207705 | 27-Mar-2001 |
| 351. | Non-aqueous solvent free process for making UV curable adhesives and sealants from epoxidized monohydroxylated diene polymers | Issued | 09/371303 | 10-Aug-1999 | 6207795 | 27-Mat-2001 |
| | | Issued | 08/839700 | 15-Apr-1997 | 5837749 | 17-Nov-1998 |
| 352. | Method for Making Selectively Hydrogenated Block Copolymers of Vinyl Aromatic Hydrocarbons and | | | | | |
| | Conjugated Dienes | Issued | 10/362145 | 22-Jul-2003 | 7390856 | 24-Jun-2008 |
| 353. | Melt processable bleach resistant durable fibers having high elastic | Lamad | 10/010424 | 20 Eab 2002 | 6527661 | 25 Mar. 2002 |
| I | recovery and low stress relaxation | Issued | 10/019626 | 20-Feb-2002 | 6537661 | 25-Mar-2003 |

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| 354. | from soft polyurethane elastomers Melt processable bleach resistant durable fibers having high elastic recovery and low stress relaxation from soft polyurethane elastomers | Issued | 10/347910 | 21-Jan-2003 | 6825274 | 30-Nov-2004 |
| 355. | Oil gel formulations containing high vinyl content hydrogenated styrene- butadiene-styrene block copolymers | Issued | 08/903526 | 30-Jul-1997 | 5925707 | 20-Jul-1999 |
| 356. | Process for Removal of Silicon Compounds from Solvent by Selective Adsorption | Issued | 10/242209 | 12-Sep-2002 | 6790920 | 14-Sep-2004 |
| 357. | Process for Removing Residual Species from Hydrocarbon Solvents | Issued | 10/229876 | 28 ² Aug-2002 | 6867264 | 15-Mar-2005 |
| 358. | Enhanced Hydrogenation Catalyst Removal From Block Copolymers by Reduction In Polymer Cement Viscosity By Increasing The Vinyl Content of The Block Copolymers | Granted | 09/093245 | 8-Jun-1991 | H001956 | 3-Apr-200I |
| 359. | Improved cast polyurethane elastomers containing low polarity amine curing agents | Issued | 08/929174 | 8-Sep-1997 | 5955559 | 21-Sep-1999 |
| 360. | Polydiene diols in resilient polyurethane foams | Issued | 08/724940 | 2-Oct-1996 | 5710192 | 20-Jan-1998 |
| 361. | Polyurethanes made with polydiene diols, disocyanates and dimer diol chain extender | Issued | 08/947918 | 9-Oct-1996 | 5864001 | 26-Jan-1999 |
| 362. | A method for coating crosslinkable epoxidized monohydrogenated diene polymer coating compositions on primed substrates | Issued | 08/938289 | 26-Sep-1997 | 5922467 | 13-Jul-1999 |
| 363. | Extraction of metal residues from polymer cements | Issued | 09/135725 | 18-Aug-1998 | 6153727 | 28-Nov-2000 |
| 364. | Deprotection of polymers prepared with silyloxy protected functional initiators by reaction with hydride | Issued | 09/379843 | 24-Aug-1999 | 6218478 | 17-Apr -2001 |

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| | | | | | | |
| | reducing agents | | | | | |
| 365. | Sealant formulations containing | | | | | |
| | high vinyl content hydrogenated | | | | | |
| | styrene- butadiene-styrene block | | | | | |
| | copolymers | Issued | 08/811487 | 5-Mar-1997 | 5777043 | 7-Jul-1998 |
| 366. | Polyurethane foams of polydiene | | | | | |
| | diols and oil | Issued | 09/081558 | 19-May-1998 | 5973016 | 26-Oct-1999 |
| 367. | Resilient polyurethane foams of | | | | | |
| | polydiene diols and tackifying resin | Issued | 09/080997 | 19-May-1998 | 5849806 | 15-Dec-1998 |
| 368. | Weatherable resilient polyurethane | | | | | |
| | foams | Issued | 09/081559 | 19-May-1998 | 5922781 | 13-Jul-1999 |
| 369. | Deprotection of polymers prepared | | | | | |
| | with silyloxy protected functional | | | | | |
| | initiators by reaction with aqueous | т 1 | 00/400000 | 24.7 2000 | <000045 | 0.14 2004 |
| 250 | fluoroboric acid | Issued | 09/490200 | 24-Jan-2000 | 6228947 | 8-May-2001 |
| 370. | Thermofusible elastomer | т 1 | 00/100001 | 25 N 1000 | C073004 | (1 2000 |
| 071 | compositions | Issued | 09/199304 | 25-Nov-1998 | 6072004 | 6-Jun-2000 |
| 371. | Minimum residence time | | | | | |
| | hydrogenation process for | | | | | |
| | polyisoprene-polybutadiene block copolymers | Issued | 09/234336 | 20-Jan-1999 | 6184307 | 6-Feb-2001 |
| 372. | Polyurethane compositions made | 188000 | 091234330 | 20-Jan-1999 | 0104307 | 0-1-00-2001 |
| JIL. | from hydroxy-terminated polydiene | | | | | |
| | polymers | Issued | 09/073666 | 6-May-1998 | 6060560 | 9-May-2000 |
| 373. | Novel polyurethane compositions | 155464 | 031073000 | 0 1/14) 1550 | 0000300 | y may 2000 |
| 0,01 | made from hydroxyl-terminated | | | | | |
| | polydiene polymers | Issued | 09/491017 | 25-Jan-2000 | 6388010 | 14-May-2002 |
| 374. | Oil gel formulations containing | | | | | • |
| | polyethylene-polydimethylsiloxane | | | | | |
| | block copolymers dissolved in | | | | | |
| | polydimethylsiloxane | Issued | 09/307284 | 7-May-1999 | 6160045 | 12-Dec-2000 |
| 375. | A method for producing mixed | | | | | |
| | polyol thermoplastic polyurethane | | | | | |
| | compositions | Issued | 09/451793 | 1-Dec-1999 | 6323299 | 27-Nov-2001 |
| 376. | A gel-free process for making | | | | | |
| | hydrogenated functionalized | Issued | 09/260239 | 2-Mar-1999 | 6242537 | 5-Jun-2001 |

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| 255 | anionically polymerized polymers | | | | | |
| 377. | Process for making hydrogenated | | | | | |
| | gel- free functionalized anionically | T 1 | 00/00/01/2 | 4.34 1000 | (0.40500 | 5 1 2001 |
| 250 | polymerized polymers | Issued | 09/304915 | 4-May-1999 | 6242538 | 5-Jun-2001 |
| 378. | Polybutene/liquid polydiene hot | T 1 | 00/0/72/2 | 10.15 1000 | (011070 | 2 4 2001 |
| 270 | melt adhesive | Issued | 09/267263 | 12-Mar-1999 | 6211272 | 3-Apr-2001 |
| 379. | Method for synthesis of a dilithium | | | | | |
| | diisopropenylbenzene-based | T 1 | 00/400004 | 20 G 1000 | Z017700 | 17 4 2001 |
| 200 | diinitiator | Issued | 09/409924 | 30-Sep-1999 | 6217798 | 17-Apr-2001 |
| 380. | Solventless process for making | т 1 | 00/4/01/50 | 16 15 1000 | Z050001 | 10 1 1 2001 |
| 201 | polysiloxane monomers | Issued | 09/442158 | 16-Nov-1999 | 6258891 | 10-Jul-2001 |
| 381. | Freeze-dried | , , | 001410450 | 4637 4000 | (12/072 | 24.02000 |
| *** | polystyrene polysiloxane foams | Issued | 09/442159 | 16-Nov-1999 | 6136872 | 24-Oct-2000 |
| 382. | Conjugated Diene Polymers and | | | | | |
| | Copolymer Blocks Having High | | | | | |
| | Vinyl Content Prepared Using | | | | | |
| | Mixed Microstructure Control | | | | | |
| | Agents and Process for Preparing | r 1 | 10/04/2070 | 22 G 2004 | 7166670 | 22 1 2007 |
| 202 | Same | Issued | 10/946878 | 22-Sep-2004 | 7166679 | 23-Jan-2007 |
| 383. | Polypropylene resin composition | | 00/04/2000 | | | 265 2000 |
| | with tapered triblock copolymer | Issued | 09/317009 | 24-May-1999 | 6166134 | 26-Dec-2000 |
| 384. | Process for Hydrogenating-Block | | | | | |
| | Copolymers | Issued | 11/012575 | 15-Dec-2004 | 7053156 | 30-May-2006 |
| 385. | Process for producing specific | | | | | |
| | tapered block copolymer | Issued | 09/479179 | 7-Jan-2000 | 6221968 | 24-Apr-2001 |
| 386. | Uniform initiation of anionic | | | | | |
| | polymerization using organo- | | | | | |
| | substituted alkalimetal initiators | Issued | 09/525137 | 14-Mar-2000 | 6455651 | 24-Sep-2002 |
| 387. | Hot melt pressure sensitive | | | | | |
| | positioning adhesive (III) | Issued | 09/597207 | 20-Jun-2000 | 6657000 | 2-Dec-2003 |
| 388. | Process for coupling styrenic block | | | | | |
| | copolymers | Issued | 10/257881 | 03-Feb-2003 | 6730745 | 4-May-2004 |
| 389. | Increased throughput in the | | | | | |
| | manufacture of anionic polymer by | | | | | |
| | reduction in polymer cement | | | | | |
| | viscosity through the addition of | Issued | 09/537500 | 29-Mar-2000 | 6391981 | 21-May-2002 |

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| | . 1 11 1 | | | | | |
| 200 | metal alkyls | | | | | |
| 390. | Increased throughput in the | | | | | |
| | manufacture of anionic polymers by | | | | | |
| | reduction in polymer cement viscosity through the addition of | | | | | |
| | metal alkyls | Issued | 10/106265 | 26-Mar-2002 | 6492469 | 10-Dec-2002 |
| 391. | Increased throughput in the | 188000 | 10/100203 | 20-14141-2002 | 0492409 | 10-Dec-2002 |
| J91. | manufacture of anionic polymers by | | | | | |
| | reduction in polymer cement | | | | | |
| | viscosity through the addition of | | | | | |
| | metal alkyls | Issued | 10/106737 | 26-Mar-2002 | 6492466 | 10-Dec-2002 |
| 392. | Formulation for strippable adhesive | 155404 | 10/100757 | 20 17101 2002 | 0192100 | 10 1000 2002 |
| <i>5)</i> 2 . | and coating films and high | | | | | |
| | performance adhesives | Issued | 09/690523 | 17-Oct-2000 | 6541553 | 1-Apr-2003 |
| 393. | Conjugated Diene Polymers and | | | | | |
| | Copolymer Blocks and Process for | | | | | |
| | Preparing Same | Issued | 10/741535 | 19-Dec-2003 | 7125940 | 24-Oct-2006 |
| 394. | Modified styrenic block copolymer. | | | | | |
| | compounds having improved elastic | | | | | |
| | performance | Issued | 09/657015 | 7-Sep-2000 | 6630532 | 7-Oct-2003 |
| 395. | Non-aqueous solvent-free process for making uv curable adhesives and | | | | | |
| | sealants from epoxidized | | | | | |
| | monohydroxylated diene polymers (IV) | Issued | 10/258923 | 18-Aug-2003 | 6903144 | 7-Jun-2005 |
| 396. | Compositions comprising a | Issueu | 10/230923 | 10-Aug-2005 | 0903144 | /-Jun-2005 |
| J90 . | functionalized block copolymer | | | | | |
| | crosslinked with aluminum | | | | | |
| | acetylacetone | Issued | 10/301366 | 21-Nov-2002 | 6653408 | 25-Nov-2003 |
| 397. | uovej neovono | 155464 | 10,001,000 | 211107 2002 | 0000 100 | 25 1101 2005 |
| 0211 | Novel Block Copolymer | Issued | 10/289833 | 7-Nov-2002 | 6699941 | 2-Mar-2004 |
| 398. | Novel Block Copolymer and | | | | | |
| ±5 %. | Method for Making Sam | Issued | 10/359981 | 6-Feb-2003 | 7169848 | 30-Jan-2007 |
| 399. | Articles Prepared from | | | | | |
| | Hydrogenated Controlled | | | | | |
| | Distribution Block Copolymers | Issued | 10/359907 | 6-Feb-2003 | 7267855 | 11-Sept-2007 |

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| | | | | | | |
| 400. | Adhesives and Sealants from | | | | | |
| | Controlled Distribution Block | | 40.00.00 | (F 1 2002 | C0074 40 | 45.7. 2007 |
| 104 | Copolymers | Issued | 10/359927 | 6-Feb-2003 | 6987142 | 17-Jan-2006 |
| 401. | Articles Prepared from Controlled | - · | 10.19.500.50 | (T . 2002 | | |
| 100 | Distribution Block Copolymers | Pending | 10/359953 | 6-Feb-2003 | | |
| 402. | Polymer Modified Bitumen | | 10.70.000.5 | | | |
| | Compositions | Issued | 10/359906 | 6-Feb-2003 | 6759454 | 6-Jul-2004 |
| 403. | Solvent-Free, Hot Melt Adhesive | | | | | |
| | Composition Comprising a | | | | | |
| | Controlled Distribution Block | т 1 | 10/511003 | 21.0 . 2004 | 7000016 | 20.14 2007 |
| 40.4 | Copolymer | Issued | 10/511992 | 21-Oct-2004 | 7223816 | 29-May-2007 |
| 404. | Gels From Controlled Distribution | T 1 | 10/250462 | CE 1 2002 | 71.41.601 | 20.37 2000 |
| 105 | Block Copolymers | Issued | 10/359462 | 6-Feb-2003 | 7141621 | 28-Nov-2006 |
| 405. | Photopolymerizable Compositions | | | | | |
| | and Flexographic Plates Prepared | | | | | |
| | From Controlled Distribution Block | IJ | 10/01/00 | 0.0-4.2002 | 7013110 | 14 M 2006 |
| 407 | Copolymers | Issued | 10/681608 | 8-Oct-2003 | 7012118 | 14-Mar-2006 |
| 406. | Novel Block Copolymers and | I 1 | 11/055217 | 10 E-1, 2005 | 7120456 | 21 N 2006 |
| 407 | Method for Making Same | Issued | 11/055317 | 10-Feb-2005 | 7138456 | 21-Nov-2006 |
| 407. | Novel Block Copolymers and | T 1 | 11/055267 | 10 E 1 2005 | 7322542 | 10 E 1 2000 |
| 400 | Method for Making Same | Issued | 11/055367 | 10-Feb-2005 | 7332542 | 19-Feb-2008 |
| 408. | Novel Block Copolymers and | I 1 | 11/055016 | 10 E-1, 2005 | 70/7500 | 27 1 2007 |
| 400 | Method for Making Same | Issued | 11/055316 | 10-Feb-2005 | 7067589 | 27-Jun-2006 |
| 409. | Novel Block Copolymers and | I 1 | 11/055257 | 10 E-1 2005 | 7044705 | 17 I-1 2007 |
| 410 | Method for Making Same | Issued | 11/055357 | 10-Feb-2005 | 7244785 | 17-Jul-2007 |
| 410. | Novel Block Copolymers and | т 1 | 11/055210 | 10 E 1 2005 | 71(0050 | 20.1 2007 |
| 411 | Method for Making Same | Issued | 11/055318 | 10-Feb-2005 | 7169850 | 30-Jan-2007 |
| 411. | Novel Block Copolymers and | т 1 | 11/055240 | 10 E 1 2005 | 7002526 | 16.0 + 2007 |
| 410 | Method for Making Same | Issued | 11/055349 | 10-Feb-2005 | 7282536 | 16-Oct-2007 |
| 412. | Block copolymer composition, hot | | | | | |
| | melt adhesive composition containing | | | | | |
| | it and process for the preparation | Iamad | 00/065070 | 24 Jun 1004 | 5461005 | 24 0 at 1005 |
| 412 | thereof | Issued | 08/265072 | 24-Jun-1994 | 5461095 | 24-Oct-1995 |
| 413. | Block copolymers having improved | I | 00/552047 | (N 1005 | 5(02710 | 2 D 1007 |
| | combinations of properties | Issued | 08/553947 | 6-Nov-1995 | 5693718 | 2-Dec-1997 |

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| | | | NO NO | DATE | | DATE |
| 414. | Linear block copolymers, process for their preparation and adhesive composition containing them | Issued | 08/414842 | 31-Mar-1995 | 5510423 | 23-Apr-1996 |
| 415. | Linear block copolymers, process for their preparation and adhesive | | | | 5554697 | |
| 416. | composition containing them Process for preparation of industrially applicable disfunctional anionic | Issued | 08/583241 | 5-Jan-1996 | | 10-Sep-1996 |
| 417. | polymerization initiators and their use Bituminous composition with diene/monovinyl aromatic block copolymer | Issued | 08/437738 | 9-May-1995 30-Apr-1997 | 5554696 | 10-Sep-1996 29-Dec-I998 |
| 418. | Process for the preparation of industrially applicable difunctional anionic polymerization initiators and | | | | | |
| 419. | their use Process for coagulation finishing of polymers | Issued | 08/491017 | 15-Jun-1995 29-Nov-1995 | 5750055 5665858 | 9-Sep-1997 |
| 420. | Bituminous Composition | Issued | 08/713708 | 13-Sep-1996 | 5798401 | 25-Aug-1998 |
| 421. | Bituminous composition | Issued | 08/911486 | 14-Aug-1997 | 6508875 | 21-Jan-2003 |
| 422. | Bituminous composition for shingles | Issued | 09/065259 | 23-Apr-1998 | 6120913 | 19-Sep-2000 |
| 423. | Process for hydrogenation, of macromolecular organic substrates | Issued | 09/213785 | 17-Dec-1998 | 6087455 | 11-Jul-2000 |
| 424. | Extruder process for making thermoplastic polyurethanes | Issued | 09/444902 | 22-Nov-1999 | 6534617 | 18-Mar-2003 |
| 425. | Process for removing Hydrogenation catalyst residue from hydrogenated polymers | Issued | 10/203142 | 3-Dec-2002 | 6800725 | 5-Oct-2004 |
| 426. | Bituminous composition | Issued | 10/508908 | 23-Sep-2004 | 7271207 | 18-Sep-2007 |
| 427. | Bituminous composition with improved 'walk-on-ability' and its-use in roofing applications | Issued | 11/151111 | 13-Jun-2005 | 7247664 | 24-Jun-2007 |

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| 428. | Process for preparing partially | | | | | |
| | hydrogenated butadiene polymers | Issued | 10/110921 | 14-Aug-2002 | 7186783 | 6-Mar-2007 |
| 429. | Bituminous Compositions. with | | | | | |
| | Reduced Gelation Tendency | Issued | 10/433218 | 3-Oct-2003 | 7148273 | 12-Dec-2006 |
| 430. | Process for the manufacture of elastic | | | | | |
| | articles, from | | | | | |
| | poly(monovinylaromatic/conjugated | | | | | |
| | diene) block copolymers and elastic | | 0.0.10.50.4.0.4 | | | |
| | articles obtainable therewith | Issued | 08/262191 | 20-Jun-1994 | 5510072 | 23-Apr-1996 |
| 431. | Releasable pressure sensitive adhesive | | | | | |
| | composition | Issued | 08/363438 | 22-Dec-1994 | 6730737 | 4-May-2004 |
| 432. | Conveyor belts derived from | | | | | |
| | compositions comprising vinyl | | | | | |
| | aromatic-conjugated diene block | | 00/500007 | 1 4 1005 | 5540000 | 20 1 1 1007 |
| 400 | copolymers | Issued | 08/509807 | 1-Aug-1995 | 5540983 | 30-Jul-1996 |
| 433. | Block Copolymer Containing Binder | | | | | |
| | Composition And Electro | | | | | |
| | Photographic Toner Composition Derived Therefrom | Issued | 08/525048 | 9 Can 1005 | 5641602 | 24-Jun-1997 |
| 434. | Comolded multilayer | 158000 | 00/323040 | 8-Sep-1995 | 3041002 | 24-Juli-1997 |
| 434. | monovinylaromatic/conjugated diene | | | | | |
| | block polymer blend system, and | | | | | |
| | shaped articles derived therefrom | Issued | 08/519886 | 28-Aug-1995 | 5776589 | 7-Jul-1998 |
| 435. | Block copolymer containing | 155000 | 00/317000 | 20-Aug-1993 | 3170307 | /-Jul-1770 |
| TJJ. | composition to be used for air bag | | | | | |
| | covers and air bag covers derived | | | | | |
| | therefrom | Issued | 08/552400 | 3-Nov-1995 | 5776566 | 7-Jul-1998 |
| 436. | Radiation sensitive vinyl aromatic | 155000 | 001002100 | 01.0.1370 | 0770000 | 7 001 1990 |
| | block copolymers and compositions | | | | | |
| | containing them | Issued | 08/614564 | 13-Mar-1996 | 5804663 | 8-Sep-1998 |
| 437. | Multilayer polymer system comprising | | | | | 1 |
| - | at least one engineering thermoplastic | | | | | |
| | layer and at least one soft touch | | | | | |
| | composition layer and composition to | | | | | |
| | be used therefore | Issued | 08/731127 | 9-Oct-1996 | 5750268 | 12-May-1998 |

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| 438. | Free flowing powder composition, | | | | | |
| 1201 | process for its preparation and | | | | | |
| | homogenous layer derived therefrom | Issued | 08/666766 | 19-Jun-1996 | 6013717 | 11-Jan-2000 |
| 439. | Adhesive compositions comprising | | | | | |
| | block copolymers of | | | | | |
| | monovinylaromatic compound and | | | | | |
| | butadiene | Issued | 08/812226 | 6-Mar-1997 | 5750607 | 12-May-1998 |
| 440. | Adhesive compositions comprising | | | | | |
| | block copolymers of | | | | | |
| | monovinylaromatic compound and | | | | | |
| | butadiene | Issued | 09/009062 | 20-Jan-1998 | 5948527 | 7-Sep-1999 |
| 441. | Vinyl Aromatic Block Copolymers | | | | | |
| | And Compositions Containing Them | Issued | 08/795223 | 5-Feb-1997 | 5777039 | 7-Jul-1998 |
| 442. | Use of polyol mixtures in rigid and | | | | | |
| | semi-rigid polyurethane foams | Issued | 08/956891 | 23-Oct-1997 | 5874484 | 23-Feb-1999 |
| 443. | Pressure sensitive adhesives | | | | | |
| | comprising thermoplastic | | | | | |
| | polyurethanes | Issued | 09/002903 | 5-Jan-1998 | 5929167 | 27-Jul-1999 |
| 444. | Foam composition comprising oil; | | | | | |
| | thermoplastic elastomer and | | | | | |
| | expandable particles | Issued | 09/485545 | 14-Feb-2000 | 6451865 | 17-Sep-2002 |
| 445. | Photo-curable Polymer Composition | | | | | |
| | for Use In Flexographic Printing Plates | | | | | |
| | Containing The Same | Issued | 09/464147 | 16-Dec-1999 | 6326127 | 4-Dec-2001 |
| 446. | Polymeric Compound, Use of That | | | | | |
| | Compound in A Foam Production | | | | | |
| | Process, A Foaming Process, Foamed | | | | | |
| | Compounds And Articles Containing | т 1 | 00/200410 | 1.0 1000 | C107444 | 2.0 + 2000 |
| 447 | Foamed Compounds | Issued | 09/388410 | 1-Sep-1999 | 6127444 | 3-Oct-2000 |
| 447. | Poly (Styrene-Butadiene-Styrene) | | | | | |
| | Polymers Having A High Vinyl Content In The Butadiene Block And | | | | | |
| | Hot melt Adhesive Compositions | | | | | |
| | Comprising Said Polymers | Issued | 11398249 | 5-Apr-2006 | 7517932 | 14-Apr-2009 |
| 448. | Comprising Said Forymers | 199000 | 11370277 | J-Apr-2000 | 1311734 | 14-Api-2009 |
| 111 0. | Free Flowing Powder | Issued | 10/148442 | 3-Oct-2002 | 7037976 | 2-May-2006 |
| | Tree Frowing Fowder | 199000 | 10/140444 | J-OCI-2002 | 1031710 | 4-141ay-2000 |

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| | SHORT TITLE | STATUS | APPLICATION NO | APPLICATION DATE | GRANT NO | GRANT DATE |
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| 1.10 | | | | | | |
| 449. | 77' 1 ' 4 4 1' 14 1 | T 1 | 10/120271 | 02.0 4.2002 | (04(505 | 05 T 0005 |
| 450. | Kink-resistant medical tube | Issued | 10/130371 | 03-Oct-2002 | 6846535 | 25-Jan-2005 |
| 430. | Adhesive Composition | Issued | 10/466590 | 20-Jan-2004 | 7202297 | 10-Apr-2007 |
| 451. | Photo-curable polymer composition | 100000 | 10,100070 | 20044 2001 | 7.20.22.7 | 101412001 |
| | and flexographic printing plates | | | | | |
| | containing the same | Issued | 09/850649 | 7-May-2001 | 6506541 | 14-Jan-2003 |
| 452. | Process For Preparing Block | | | | | |
| | Copolymer And Resulting | | | | | |
| | Composition | Issued | 10/454237 | 4-Jun-2003 | 7625979 | 1-Dec-2009 |
| 453. | Articles Prepared from Hydrogenated | | | | | |
| | Block Copolymers | Issued | 10/453993 | 4-Jun-2003 | 7001956 | 21-Feb-2006 |
| 454. | Gels from Silane-Coupled Block | | | | | |
| | Copolymers | Issued | 10/453998 | 4-Jun-2003 | 7166672 | 23-Jan-2007 |
| 455. | Process for Preparing Block | | | | | |
| | Copolymer and Resulting | T 1 | 11/0/0557 | 20 D.L 2005 | 7220700 | 22 M 2007 |
| 15.0 | Composition | Issued | 11/068557 | 28-Feb-2005 | 7220798 | 22-May-2007 |
| 456. | Novel Tetrablock Copolymer and | Issued | 10/395403 | 24-Mar-2003 | 7001950 | 21-Feb-2006 |
| 457. | Compositions Containing Same Coupled Styrenic Block | ISSUCU | 10/393403 | 24-Mai-2003 | 7001930 | 21-160-2000 |
| 437. | Copolymers and Process for | | | | | |
| | Preparing Same | Issued | 10/618394 | 11-Jul-2003 | 7009000 | 7-Mar-2006 |
| 458. | Novel Block Copolymer | 155404 | 10/010371 | 11 341 2003 | 7007000 | 7 Mai 2000 |
| 150. | Compositions | Issued | 11/686188 | 14-Mar-2007 | 7585916 | 8-Sep-2009 |
| 459. | Novel Block Copolymer | 155000 | 11,000100 | 111111111111111111111111111111111111111 | 7000710 | 0 000 2007 |
| | Compositions | Issued | 11/388909 | 24-Mar-2006 | 7582702 | 1-Sep-2009 |
| 460. | Adhesive Formulations From Novel | | | | | |
| | Radial (S-I/B)x Polymers | Issued | 11/010906 | 13-Dec-2004 | 7589152 | 15-Sep-2009 |
| 461. | , , | | | | | |
| | Coupled Radial Anionic Polymers | Issued | 10/965307 | 14-Oct-2004 | 7232864 | 19-Jun-2007 |
| 462. | Articles Prepared from High | | | | | |
| | Molecular Weight Tetrablock | | | | | |
| | Copolymers | Issued | 10/843125 | 11-May-2004 | 7262248 | 28-Aug-2007 |
| 463. | UV Curable Pressure Sensitive | | | | | |
| | Adhesives | Issued | 10/803071 | 16-Mar-2004 | 7163968 | 16-Jan-2007 |

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| 464. | Block Copolymers Having High | | | | | |
| | Flow and High Elasticity | Issued | 11/069487 | 1-Mar-2005 | 7439301 | 21-Oct-2008 |
| 465. | Hot-Melt Adhesive Composition for | | | | | |
| | Non-Wovens | Issued | 11/049097 | 2-Feb-2005 | 7307124 | 11-Dec-2007 |
| 466. | | | | | | |
| | Adhesive Composition | Issued | 10/823146 | 13-Apr-2004 | 7348376 | 25-Mar-2008 |
| 467. | Photocurable Compositions and | | | | | |
| | Flexographic Printing Plates | | | | | |
| | Comprising the Same | Issued | 10/832733 | 27-Apr-2004 | 7241540 | 10-Jul-2007 |
| 468. | Articles Prepared from High | | | | | |
| | Molecular Weight/Low Coupled | | | | | |
| | Block Copolymers | Issued | 10/860192 | 3-Jun-2004 | 7048979 | 23-May-2006 |
| 469. | Gels From High Molecular Weight | | | | | |
| | Block Copolymers | Issued | 10/860191 | 3-Jun-2004 | 7560503 | 14-Jul-2009 |
| 470. | Pressure Sensitive Adhesives from | | | | | |
| | High Molecular Weight Block | | | | | |
| | Copolymers Haying A High | | | | | |
| | Fraction of Diblock Copolymer | Issued | 10/880055 | 29-Jun-2004 | 7297741 | 20-Nov-2007 |
| 471. | | | | | | |
| | Brown Asphalt Compositions | Issued | 11/270079 | 9-Nov-2005 | 7576148 | 18-Aug-2009 |
| 472. | Compatibilized Blends of ABS | | | | | |
| | Copolymer and Polyolefin | Pending | 11/202594 | 12-Aug-2005 | | |
| 473. | Block Copolymers Having Distinct | | | | | |
| | isoprene and butadiene Midblocks, | | | | | |
| | Method for Making Same, and Uses | | | | | |
| | for Such Block Copolymers | Pending | 11/849896 | 4-Sep-2007 | | |
| 474. | Cross-Linking Compositions for | | | | | |
| | Polymer-Modified Asphalt | | | | | |
| | Compositions | Issued | 11/095368 | 31-Mar-2005 | 7402619 | 22-Jul-2008 |
| 475. | Sulfontated Block Copolymer, | | | | | |
| | Method For Making Same, And | | | | | |
| | Various Uses For Such Block | | | | | |
| | Polymers | Pending | 11/458856 | 20-Jul-2006 | 7737224 | 06/15/2010 |
| 476. | Oil Gels of Controlled Distribution | | | | | |
| | Block Copolymers And Ester Oils | Issued | 11/369563 | 7-Mar-2006 | 7625967 | 1-Dec-2009 |

| | SHORT TITLE | STATUS | APPLICATION | APPLICATION | GRANT NO | GRANT |
|------|--|------------|-----------------------------|--------------|----------|--------------|
| | | | NO | DATE | | DATE |
| 400 | El ' D' - E'l | | | | | |
| 477. | Elastomeric Bicomponent Fibers | | | | | |
| | Comprising Block Copolymers | Don din a | 11/0/03/0 | 1 Mar 2005 | | |
| 478. | Having High Flow | Pending | 11/069268 | 1-Mar-2005 | | |
| 4/0. | Elastomeric Bicomponent Fibers Comprising Block Copolymers | | | | | |
| | Having High Flow | Pending | 11/515513 | 1-Sep-2006 | | |
| 479. | Elastomeric Bicomponent Fibers | 1 chung | 11/313313 | 1-5cp-2000 | | |
| Τ/). | Comprising Block Copolymers | | | | | |
| | Having High Flow | Granted | 12/190900 | 13-Aug-2008 | 7662323 | 16-Feb-2010 |
| 480. | Polymeric Compositions And Films | Granie | 12,1,0,00 | 15 1105 2000 | , 002525 | 10100 2010 |
| 1001 | Formed Therefrom | Pending | 11/788812 | 26-Apr-2007 | | |
| 481. | Adhesive Compositions Comprising | 2 11121118 | 121700012 | | | |
| • | Mixtures of Block Copolymers | Issued | 11/371426 | 9-Mar-2006 | 7560512 | 14-Jul-2009 |
| 482. | High Temperature Block | | | | | |
| | Copolymers And Process For | | | | | |
| | Making Same | Issued | 11/688448 | 20-Mar-2007 | 7449518 | 11-Nov-2008 |
| 483. | Novel Unhydrogenated Block | | | | | |
| | Compositions | Pending | 11/388628 | 24-Mar-2006 | | |
| 484. | Adhesive Compositions Comprising | | | | | |
| | Mixtures of Block Copolymers | Pending | 11/372157 | 9-Mar-2006 | 7872065 | 01/18/2011 |
| 485. | Hydrogenated Styrenic Block | | | | | |
| | Copolymers With Polypropylene | Pending | 61/122612 | 15-Dec-2008 | | |
| 486. | At tides Prepared From Certain | | | | | |
| | Hydrogenated Block Copolymers | Pending | 12/203196 | 3-Sep-2008 | | |
| 487. | Flexible Packaging Laminate Films | | | | | |
| | Including A Block Copolymer | | | | | |
| 100 | Layer | Issued | 11/408327 | 21-Apr-2006 | 7569281 | 4-Aug-2009 |
| 488. | Process For Preparing A | T 1 | 44.150.0544 | 4237 2006 | 7500204 | 22 0 2000 |
| 400 | Bituminous Binder Composition | Issued | 11/598511 | 13-Nov-2006 | 7592381 | 22-Sep-2009 |
| 489. | Process For Preparing A | D 1' | 10/52/101 | 5 A 2000 | 770074 | 06/01/0010 |
| 400 | Bituminous Binder Composition | Pending | 12/536191 | 5-Aug-2009 | 7728074 | 06/01/2010 |
| 490. | Elastic Films and Fibers Containing | | | | | |
| | Kraton S Polymers With Selective Distribution Midblocks | Danding | 11/849879 | 4 San 2007 | | |
| 401 | | Pending | 11/0+70/7 | 4-Sep-2007 | | |
| 491. | Bituminous Binder Composition And Process For Preparing Same | Issued | 12/111249 | 20 Apr 2009 | 7622519 | 24-Nov-2009 |
| | And Process For Preparing Same | 188ucu | 1 <i>4</i> /111 <i>4</i> /9 | 29-Apr-2008 | 1044319 | Z4-INOV-ZUUY |

| | SHORT TITLE | STATUS | APPLICATION NO | APPLICATION DATE | GRANT NO | GRANT DATE |
|------|---|---------|-------------------|---------------------|----------|---------------|
| | | | | | | |
| 492. | Viscosity Index Improver For Lubricating Oils | Issued | 11/715100 | 7-Mar-2007 | 7625851 | 1-Dec-2009 |
| 493. | | | | | | |
| | Bituminous Emulsions | Pending | 11/937948 | 9-Nov-2007 | | |
| 494. | Soft Elastomeric Films | Pending | 12/339356 | 19-Dec-2008 | | |
| 495. | Method for making sulfonated block copolymers, method for making membranes from such block copolymers and membrane | | | | | |
| 496. | structures | Pending | 12/113073 | 09-May-2008 | | |
| | Gel Compositions | Pending | 12/353438 | 14-Jan-2009 | | |
| 497. | End Use Applications Prepared From Certain Block Copolymers | Pending | 12/248184 | 8-Oct-2008 | | |
| 498. | Gels prepared from diphenylethylene containing block copolymers | Pending | 12/168994 | 07-Jul-2008 | | |
| 499. | Adhesives prepared from diphenylethylene containing block copolymers | Pending | 12/168978 | 07-Jul-2008 | | |
| 500. | Miktopolymer compositions | Pending | 12/401878 | 3-Nov-09 | | |
| 501. | End Use Applications Prepared From Certain Block Copolymers | Pending | 12/275353 | 21-Nov-2008 | | |
| 502. | Thermoplastic Polyurethane Block Copolymer Compositions | Pending | 61/260698 | 12-Nov-2009 | | |
| 503. | Amine Neutralized Sulfonated Block Copolymers And Method For Making Same | Pending | 12/578401 | 13-Oct-2009 | | |
| 504. | Metal Neutralized Sulfonated Block Copolymers, Process For Making Them And Their Use | Pending | 12/578210 | 13-Oct-2009 | | |
| 505. | Thermoplastic Polyurethane Block Copolymer Compositions | Pending | 12/944220 | 11-Nov-2010 | | |

| | SHORT TITLE | STATUS | APPLICATION | APPLICATION | GRANT NO | GRANT |
|------|--|---------|-------------|-------------|----------|-------|
| | | | NO NO | DATE | | DATE |
| 506. | Elastic, Moisture-Vapor Permeable | | | | | |
| | Films, Their Preparation And Their | | | | | |
| | Use | Pending | 12/893145 | 29-Sep-2010 | | |
| 507. | Energy Recovery Ventilation | | | | | |
| | Sulfonated Block Copolymer | | | | | |
| | Laminate Membrane | Pending | 12/893163 | 29-Sep-2010 | | |
| 508. | Method For Producing A Sulfonated Block Copolymer Composition | Pending | 61/394112 | 18-Oct-2010 | | |
| 509. | | | | | | |
| | Elastic Film/Fiber Formulations | Pending | 12/982037 | 30-Dec-2010 | | |
| 510. | High Tensile Strength Article With | | | | | |
| | Elastomeric Layer | Pending | 12/765362 | | | |

KRATON TRADEMARKS WITH SECURITY INTERESTS HELD BY UBS

| Trademark | International Classes | Application No. | Application Date | Registration No. | Registration Date | Next Renewal | Status | Grantor |
|------------------------------------|--------------------------|--------------------|---------------------|------------------|----------------------|-----------------|------------|--------------------------------|
| | Cidooco | MUi | Date | | Dair | Due | | |
| ELEXAR | 17 | 74/203,757 | 16-Sep-1991 | 1,710,040 | 25-Aug-1992 | 25-Aug- 2012 | Registered | Kraton Polymers U.S. LLC |
| GIVING INNOVATORS THEIR EDGE | 1, 17, 41, 42 | 78/893,539 | 25-May-2006 | 3812242 | 29-Jun-2010 | 06-29-2010 | Registered | Kraton Polymers U.S. LLC |
| IPD | 1 | 76/375,145 | 25-Feb-2002 | 2,803,185 | 06-Jan-2004 | 06-Jan-2014 | Registered | Kraton Polymers U.S. LLC |
| KRATON | 1 | 72/193,713 | 18-May-1964 | 794,983 | 31-Aug-1965 | 31-Aug- 2015 | Registered | Kraton Polymers U.S. LLC |
| KRATON | 17 | 72/339,495 | 02-Oct-1969 | 898,505 | 15-Sep-1970 | 15-Sep-2020 | Registered | Kraton Polymers U.S. LLC |
| Meaton | 1, 17, 41, 42 | 78/859,920 | 12-Apr-2006 | 3815850 | 06-Jul-2010 | 06-Jul-2020 | Registered | Kraton Polymers U.S. LLC |
| | 1, 17, 41, 42 | 78/859,938 | 12-Apr-2006 | 3815851 | 06-Jul-2010 | 06-Jul-2020 | Registered | Kraton Polymers U.S. LLC |
| | 41, 42 | 78/273,225 | 11-Jul-2003 | 2,969,883 | 19-Jul-2005 | 19-Jul-2015 | Registered | Kraton Polymers U.S. LLC |

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