

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARIZONA CHEMICAL COMPANY, LLC	12/22/2011
RECEIVING PARTY DATA	
Name:	GENERAL ELECTRIC CAPITAL CORPORATION, as Collateral Agent
Street Address:	901 MAIN AVENUE
City:	NORWALK
State/Country:	CONNECTICUT
Postal Code:	06851-1168
PROPERTY NUMBERS Total: 109	
Property Type	Number
Patent Number:	5789474
Patent Number:	5679201
Patent Number:	6071577
Patent Number:	5385986
Patent Number:	5424371
Patent Number:	6632859
Patent Number:	6864349
Patent Number:	6517343
Patent Number:	6960248
Patent Number:	5881648
Patent Number:	5645632
Patent Number:	5504152
Patent Number:	7253249
Patent Number:	7329719
Patent Number:	6875245

Patent Number:	6552160
Patent Number:	6111055
Patent Number:	6242509
Patent Number:	5783657
Patent Number:	5998570
Patent Number:	7256162
Patent Number:	5820667
Patent Number:	6503077
Patent Number:	7199204
Patent Number:	6399713
Patent Number:	6870011
Patent Number:	7745546
Patent Number:	5902389
Patent Number:	5844071
Patent Number:	6350889
Patent Number:	5453326
Patent Number:	7207669
Patent Number:	5464691
Patent Number:	5830992
Patent Number:	6562888
Patent Number:	6022947
Patent Number:	5457175
Patent Number:	5756619
Patent Number:	5840801
Patent Number:	6835324
Patent Number:	6160083
Patent Number:	6107456
Patent Number:	6414111
Patent Number:	8013046
Patent Number:	5587007
Patent Number:	5886128
Patent Number:	6710121
Patent Number:	5428083
Patent Number:	8058386
Patent Number:	6492458

	6956099
Patent Number:	8071519
Patent Number:	5874507
Patent Number:	5693731
Patent Number:	5807915
Patent Number:	5910526
Patent Number:	5854367
Patent Number:	5635591
Patent Number:	5427615
Patent Number:	6084061
Patent Number:	6875842
Patent Number:	7291697
Patent Number:	7750105
Patent Number:	6407272
Patent Number:	5407985
Patent Number:	6469131
Patent Number:	7829630
Patent Number:	6274657
Patent Number:	6469125
Patent Number:	5723709
Patent Number:	5762696
Patent Number:	7452941
Patent Number:	6900274
Patent Number:	5847247
Patent Number:	6268466
Patent Number:	6592857
Patent Number:	6503522
Patent Number:	5410004
Patent Number:	5691432
Patent Number:	5821324
Patent Number:	5612445
Patent Number:	7994106
Application Number:	61510223
Application Number:	12951421
Application Number:	11945184

	11393387
Application Number:	12551087
Application Number:	11195577
Application Number:	12548743
Application Number:	61533913
Application Number:	10523649
Application Number:	61442466
Application Number:	12359827
Application Number:	11505213
Application Number:	11950556
Application Number:	11753447
Application Number:	12326849
Application Number:	12326842
Application Number:	12326846
Application Number:	12721309
Application Number:	11681162
Application Number:	12634189
Application Number:	11845410
Application Number:	12714625
Application Number:	11741536
Application Number:	12442209
Application Number:	13087047
Application Number:	12814433
PCT Number:	US1151137

#### CORRESPONDENCE DATA

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*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

Correspondent Name: IP Research Plus, Inc.

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Address Line 4: Waldorf, MARYLAND 20602

ATTORNEY DOCKET NUMBER:

37607

NAME OF SUBMITTER:

Penelope J.A. Agodoa

**PATENT**

**REEL: 027497 FRAME: 0468**

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**PATENT SECURITY AGREEMENT**

This PATENT SECURITY AGREEMENT dated as of December 22, 2011 (this "Agreement") is entered into by ARIZONA CHEMICAL COMPANY, LLC, a Delaware limited liability company (the "Grantor") and GENERAL ELECTRIC CAPITAL CORPORATION ("GECC"), as collateral agent for the Secured Parties (the "Collateral Agent").

Capitalized terms not otherwise defined herein have the meanings set forth in the Pledge and Security Agreement, dated as of December 22, 2011, among the Grantor, the other grantors named therein, and the Collateral Agent (the "Pledge and Security Agreement").

WHEREAS, pursuant to the Pledge and Security Agreement, the Grantor has granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in and a lien on certain Patents included in the Collateral, whether now owned or existing or hereafter acquired or arising and wherever located, including the Patents listed on Schedule A ("Secured Patents").

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Grantor and the Collateral Agent hereby agree as follows:

(i) Grant of Security Interest

(a) The Grantor hereby grants to the Collateral Agent, for the benefit of the Secured Parties, a security interest in and continuing lien on all of the Grantor's right, title and interest in, to and under the Secured Patents, subject to the terms and conditions of the Pledge and Security Agreement.

(b) The security interest granted hereby is granted in conjunction with the security interest granted to the Collateral Agent under the Pledge and Security Agreement. In the event of any conflict between the terms of this Agreement and the terms of the Pledge and Security Agreement, the terms of the Pledge and Security Agreement shall control.

(c) THE INTEREST IN THE SECURED PATENTS BEING GRANTED HEREUNDER SHALL NOT BE CONSTRUED AS A CURRENT ASSIGNMENT BUT, RATHER AS A SECURITY INTEREST THAT PROVIDES THE COLLATERAL AGENT AND THE SECURED PARTIES SUCH RIGHTS AS ARE PROVIDED TO HOLDERS OF SECURITY INTERESTS UNDER APPLICABLE LAW.

(ii) Modification of Agreement

Neither this Agreement nor any provision hereof may be waived, amended or modified except pursuant to an agreement or agreements in writing entered into by the Collateral Agent and the Grantor or Grantors with respect to which such waiver,

amendment or modification is to apply, subject to any consent required in accordance with Section 10.5 of the Credit Agreement; provided that the Collateral Agent may, without the consent of any Secured Party, consent to a departure by any Grantor from any covenant of such Grantor set forth herein to the extent such departure is consistent with the authority of the Collateral Agent set forth in Section 5.2(d) of the Pledge and Security Agreement.

(iii) Release and Discharge of Security Interest

(a) Release of Security Interest. When all Obligations (other than obligations in respect of any Designated Cash Management Obligations) have been paid in full, all Commitments have terminated or expired, all Hedging Agreements (unless otherwise agreed by the applicable Lender Counterparty) shall have terminated and no Letter of Credit shall be outstanding (or any outstanding Letter of Credit shall be Cash Collateralized to the reasonable satisfaction of the applicable Issuing Bank), (1) the security interest granted hereby shall automatically terminate hereunder and of record; (2) the Secured Patents shall be released from the security interest created hereby and all right, title and interest therein, thereto and thereunder shall automatically revert to the Grantor; (3) this Agreement and all obligations (other than those expressly stated to survive such termination) of the Collateral Agent, the Secured Parties, and the Grantor hereunder shall terminate, all and in each case, without delivery of any instrument or performance of any act by any party.

(b) Partial Release of Collateral. Provided that no Event of Default shall then exist, the Grantor may, in connection with any disposition of any Secured Patents permitted under the Credit Agreement and/or the Pledge and Security Agreement (other than to any Credit Party), obtain the release from the security interest created hereby of the portion of the Secured Patents disposed, upon the satisfaction of the conditions set forth in the Credit Agreement and/or the Pledge and Security Agreement.

(iv) Governing Law

**THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK, INCLUDING, WITHOUT LIMITATION, SECTIONS 5-1401 AND 5-1402 OF THE NEW YORK GENERAL OBLIGATIONS LAW AND RULE 327(b) OF THE NEW YORK CIVIL PRACTICE LAW AND RULES.**

(v) Successors and Assigns

This Agreement shall be binding upon and inure to the benefit of the Collateral Agent and the Grantor and their respective successors and assigns. The Grantor

shall not, without the prior written consent of the Collateral Agent given in accordance with the Credit Agreement, assign any right, duty or obligation hereunder.

(vi) Counterparts

This Agreement may be executed in any number of counterparts and by the parties hereto on separate counterparts, each of which when so executed, shall be deemed to be an original and all of which taken together shall constitute one and the same instrument.



IN WITNESS WHEREOF, the Grantor and the Collateral Agent have caused this Agreement to be duly executed and delivered as of the date first above written.

ARIZONA CHEMICAL COMPANY, LLC

By: Kellie Hardee  
Name: Kellie Hardee  
Title: Treasurer

[Signature Page to Patent Security Agreement]

PATENT  
REEL: 027497 FRAME: 0473

**GENERAL ELECTRIC CAPITAL  
CORPORATION,**  
as Collateral Agent

By: Kristine Jurczyk  
Name:  
Title:

**Kristine Jurczyk  
Duly Authorized Signatory**

SCHEDULE A

PATENT SECURITY AGREEMENT

See attached list.

**United States Patents and Patent Applications**

TITLE	ASSIGNEE	APPLICATION NUMBER	PATENT NUMBER	FILING DATE	ISSUE DATE	EXPIRATION DATE
Additive composition and method for increasing the upper service temperature of adhesives	Arizona Chemical Company, LLC	08/714946	5789474	17-Sep-96	4-Aug-98	28-Sep-15
Additive for improved thermal bonding between dissimilar polymeric layers	Arizona Chemical Company, LLC	08/445908	5679201	22-May-95	21-Oct-97	22-May-15
Additive for improved thermal bonding between dissimilar polymeric layers	Arizona Chemical Company, LLC	08/888179	6071577	3-Jul-97	6-Jun-00	3-Jul-17
Adhesive of amine-terminated polyamide and epoxy resin	Arizona Chemical Company, LLC	08/238583	5385986	5-May-94	31-Jan-95	31-Jan-12
Adhesive of amine-terminated, piperazine-containing polyamide and epoxy resin	Arizona Chemical Company, LLC	08/197729	5424371	17-Feb-94	13-Jun-95	13-Jun-12
Alkyd-based ink vehicles and ink compositions	Arizona Chemical Company, LLC	09/971240	6632859	4-Oct-01	14-Oct-03	17-Mar-19
Aqueous suspensions containing polymerized fatty acid-based polyamides	Arizona Chemical Company, LLC	10/319412	6864349	13-Dec-02	8-Mar-05	13-Dec-22
Branched Polyether-Polyamide Block Copolymers and Methods of Making and using the same	Arizona Chemical Company, LLC	61/510223		21-Jul-11		
Coated candles and coating compositions	Arizona Chemical Company, LLC	09/874380	6517343	4-Jun-01	11-Feb-03	15-Apr-19

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Compositions and Aricles Containing and Active Liquid in a Polymeric Matrix and Methods of Making and Using	Arizona Chemical Company, LLC	12/951421		22-Nov-10		
Compositions and articles containing a cross-linked polymer matrix and an immobilized active liquid, as well as methods of making and using the same	Arizona Chemical Company, LLC	11/945184		26-Nov-07		
Compositions containing fatty acids and/or derivatives thereof and a low temperature stabilizer	Arizona Chemical Company, LLC	11/393387		29-Mar-06		
Compositions Containing Fatty Acids and/or Derivatives Thereof and a Low Temperature Stabilizer	Arizona Chemical Company, LLC	12/551087		31-Aug-09		
Cyclic bisamides useful in formulating inks for phase-change printing	Arizona Chemical Company, LLC	10/444410	6960248	22-May-03	1-Nov-05	11-Aug-23
Cyclic bisamides useful in formulating inks for phase-change printing	Arizona Chemical Company, LLC	11/195577		2-Aug-05		
Cyclic Bisamides Useful in Formulating Inks for Phase-Change Printing	Arizona Chemical Company, LLC	12/548743		27-Aug-09		
Diamdiediurethanes and hot-melt printing therewith	Arizona Chemical Company, LLC	09/070702	5881648	30-Apr-98	16-Mar-99	1-Oct-16
Diesters of polymerized fatty acids useful in formulating hot-melt inks	Arizona Chemical Company, LLC	08/601208	5645632	14-Feb-96	8-Jul-97	14-Feb-16
Esterification of rosin	Arizona Chemical Company, LLC	08/370733	5504152	10-Jan-95	2-Apr-96	10-Jan-15

Ester-terminated poly(ester-amide) in personal care products	Arizona Chemical Company, LLC	11/005320	7253249	6-Dec-04	7-Aug-07	22-Apr-23
Ester-terminated poly(ester-amide) in personal care products	Arizona Chemical Company, LLC	11/433271	7329719	12-May-06	12-Feb-08	22-Apr-23
Ester-terminated poly(ester-amides) in personal care products	Arizona Chemical Company, LLC	10/421624	6875245	22-Apr-03	5-Apr-05	18-Jul-21
Ester-terminated poly(ester-amides) useful for formulating transparent gels in low polarity fluids	Arizona Chemical Company, LLC	09/855737	6552160	14-May-01	22-Apr-03	14-May-21
Ester-terminated polyamide gels	1. Bush Boake Allen (International Fragrances and Flavors) and 2. Arizona Chemical Company, LLC	08/939034	6111055	26-Sep-97	29-Aug-00	18-Oct-16
Ester-terminated polyamide gels	1. Bush Boake Allen (International Fragrances and Flavors) and 2. Arizona Chemical Company, LLC	09/292486	6242509	15-Apr-99	5-Jun-01	18-Oct-17
Ester-terminated polyamides of polymerized fatty acids useful in formulating transparent gels in low polarity liquids	Arizona Chemical Company, LLC	08/734523	5783657	18-Oct-96	21-Jul-98	18-Oct-16

Ester-terminated polyamides of polymerized fatty acids useful in formulating transparent gels in low polarity liquids	Arizona Chemical Company, LLC	09/074070	5998570	6-May-98	7-Dec-99	18-Oct-16
Ethanol/Polyamide Concentrates for Personal care	Arizona Chemical Company, LLC	61/533913		9-Sep-11		
Fatty acid composition, its production and use	Arizona Chemical Company, LLC	10/523649		29-Jul-05		
Fatty acid esters and uses thereof	Arizona Chemical Company, LLC	10/672430	7256162	26-Sep-03	14-Aug-07	2-Oct-23
Flushed pigments and method for making flushed pigments	Arizona Chemical Company, LLC	08/826011	5820667	27-Mar-97	13-Oct-98	27-Mar-17
Fuel Additives, Fuels, Methods of Making and Using Same	Arizona Chemical Company, LLC	61/442466		14-Feb-11		
Gelled articles containing tertiary amide-terminated polyamide	Arizona Chemical Company, LLC	09/967892	6503077	28-Sep-01	7-Jan-03	7-Jan-19
Hot melt adhesive composition	1. National Starch and Chemical Investment Holding Corporation (Henkel) 2. Arizona Chemical Company, LLC	10/140692	7199204	7-May-02	4/3/2007	2-Feb-24
Hydrocarbon-Terminated Polyether-Polyamide Block Copolymer and Uses Thereof	Arizona Chemical Company, LLC	12/359827		26-Jan-09		

Hydrocarbon-terminated polyether-polyamide block copolymers and uses thereof	Arizona Chemical Company, LLC	09/769081	6399713	24-Jan-01	4-Jun-02	24-Jan-21
Hydrocarbon-terminated polyether-polyamide block copolymers and uses thereof	Arizona Chemical Company, LLC	10/142664	6870011	8-May-02	22-Mar-05	24-Jan-21
Hydrocarbon-terminated polyether-polyamide block copolymers and uses thereof	Arizona Chemical Company, LLC	11/085385	7745546	21-Mar-05	29-Jun-10	12-Dec-2022
Improved rosin-based resin ink vehicles	Arizona Chemical Company, LLC	08/975585	5902389	21-Nov-97	11-May-99	27-Mar-17
Ink compositions	Arizona Chemical Company, LLC	08/811851	5844071	5-Mar-97	1-Dec-98	10-May-15
Ink jet printing compositions containing ester-terminated dimer acid-based oligo (ester/amide)	Arizona Chemical Company, LLC	09/338991	6350889	24-Jun-99	26-Feb-02	24-Jun-19
Ink-jet printing compositions	Arizona Chemical Company, LLC	08/314148	5455326	28-Sep-94	3-Oct-95	28-Sep-14
Jet printing inks containing polymerized fatty acid-based polyamides	Arizona Chemical Company, LLC	10/742121	7207669	19-Dec-03	24-Apr-07	4-Jan-24
Laminated barrier film	Arizona Chemical Company, LLC	08/279631	5464691	22-Jul-94	7-Nov-95	22-Jul-14
Light color, color stable rosin esters and methods for preparing same	Arizona Chemical Company, LLC	08/764783	5830992	12-Dec-96	3-Nov-98	12-Dec-16
Light-colored rosin esters and adhesive compositions	Arizona Chemical Company, LLC	09/123228	6562888	27-Jul-98	13-May-03	27-Jul-18
Light-colored, low molecular weight phenolic-modified rosin esters	Arizona Chemical Company, LLC	09/156337	6022947	18-Sep-98	8-Feb-00	18-Sep-18



Low softening point terpene-phenol resins	Arizona Chemical Company, LLC	08/371426	5457175	11-Jan-95	10-Oct-95	11-Jan-15
Low sulfur tall oil fatty acid	Arizona Chemical Company, LLC	11/505213		15-Aug-06		
Method for emulsion polymerization	Arizona Chemical Company, LLC	08/463292	5756619	5-Jun-95	26-May-98	26-May-15
Method for improving dispersion and compatibility of zinc salts in elastomeric compounds during vulcanization	Arizona Chemical Company, LLC	08/669058	5840801	24-Jun-96	24-Nov-98	24-Jun-16
Method for isolating oleic acid and producing linoleic dimer/trimer acids via selective reactivity	Arizona Chemical Company, LLC	09/512228	6835324	24-Feb-00	28-Dec-04	24-Feb-20
Method for making modified terpene-phenol resins	Arizona Chemical Company, LLC	09/081496	6160083	19-May-98	12-Dec-00	19-May-18
Method for separating sterols from tall oil	Arizona Chemical Company, LLC	09/153728	6107456	15-Sep-98	22-Aug-00	31-Aug-18
Method for separating sterols from tall oil	Arizona Chemical Company, LLC	09/782869	6414111	14-Feb-01	2-Jul-02	31-Aug-18
Methods of vulcanizing elastomers using tall oil heads	Arizona Chemical Company, LLC	11/708645	8013046	20-Feb-07	6-Sep-11	13-Mar-25
Modified dicyclopentadiene resins	Arizona Chemical Company, LLC	08/514764	5587007	14-Aug-95	24-Dec-96	14-Aug-15
Modified phenolic resin and uses related thereto	Arizona Chemical Company, LLC	08/877188	5886128	17-Jun-97	23-Mar-99	17-Jun-17
Nitrocellulose-compatible laminating ink resins	Arizona Chemical Company, LLC	09/861174	6710121	18-May-01	23-Mar-04	18-May-21

One-component, curable epoxy/polyamide resin dispersions with enhanced stability containing one or more amino acids	Arizona Chemical Company, LLC	08/110063	5428083	20-Aug-93	27-Jun-95	27-Jun-12
Polyalkylene glycol-based poly(ester-amide) polymers, methods of making and methods of using same, compositions and products comprising same	Arizona Chemical Company, LLC	12/211248	8058386	16-Sep-08	15-Nov-11	12-Aug-29
Polyalkyleneoxydiamine polyamides useful for formulating inks for phase-change jet printing	Arizona Chemical Company, LLC	09/572131	6492458	16-May-00	10-Dec-02	16-May-20
Polyamide polyols and polyurethanes, methods for making and using, and products made therefrom	Arizona Chemical Company, LLC	11/950556		5-Dec-07		
Polyamide-polyether block copolymer	Arizona Chemical Company, LLC	10/395050	6956099	20-Mar-03	18-Oct-05	20-Mar-23
Polyamide-polyether block copolymer	Arizona Chemical Company, LLC	11/753447		24-May-07		
Polyamide-Polyether Block Copolymer	Arizona Chemical Company, LLC	12/326849		2-Dec-08		
Polyamide-Polyether Block Copolymer	Arizona Chemical Company, LLC	12/326842		2-Dec-08		
Polyamide-Polyether Block Copolymer	Arizona Chemical Company, LLC	12/326846		2-Dec-08		
Polyamide-Polyether Block Copolymer	Arizona Chemical Company, LLC	12/721309		10-Mar-10		

Polybasic Acid Esters and Their Use in Fibre Optic Cables	Arizona Chemical Company, LLC	10/572994	8071519	8-Nov-06	6-Dec-11	1-Jun-26
Polyepichlorohydrin-based tri-block additive for surface modification of polymer films and articles	Arizona Chemical Company, LLC	08/929992	5874507	15-Sep-97	23-Feb-99	24-Jan-17
Polymerization of dicyclopentadiene	Arizona Chemical Company, LLC	08/614662	5693731	13-Mar-96	2-Dec-97	24-Jan-14
Polyphenylene oxide delivery system for adhesive compositions	Arizona Chemical Company, LLC	08/803873	5807915	24-Feb-97	15-Sep-98	28-Aug-15
Polyphenylene oxide delivery system for adhesive compositions	Arizona Chemical Company, LLC	09/152380	5910526	14-Sep-98	8-Jun-99	28-Sep-15
Process for cationic polymerization	Arizona Chemical Company, LLC	08/721554	5854367	26-Sep-96	29-Dec-98	26-Sep-16
Process for making high viscosity ink resins	Arizona Chemical Company, LLC	08/438606	5635591	10-May-95	3-Jun-97	10-May-15
Process of making a gelled ink vehicle for heat-set printing	Arizona Chemical Company, LLC	08/109686	5427615	20-Aug-93	27-Jun-95	20-Aug-13
Production of Tall Oil and Associated Materials	Arizona Chemical Company, LLC	PCT/US2011/051137		10-Sep-11		
Release Agents Containing Saponified Fatty and Rosin Acids or Derivatives Thereof	Arizona Chemical Company, LLC	11/681162		1-Mar-07		
Release Agents Containing Saponified Fatty and Rosin Acids or Derivatives Thereof	Arizona Chemical Company, LLC	12/634189		9-Dec-09		
Removal of anthraquinone from tall oil and tall oil fractions	Arizona Chemical Company, LLC	09/231742	6084061	15-Jan-99	4-Jul-00	15-Jan-19

Resinates from monomer	Arizona Chemical Company, LLC	10/402348	6875842	28-Mar-03	5-Apr-05	25-Jul-23
Resinates from monomer	Arizona Chemical Company, LLC	11/099438	7291697	4-Apr-05	6-Nov-07	28-Mar-23
Resins and adhesive formulations therewith	Arizona Chemical Company, LLC	11/443792	7750105	31-May-06	6-Jul-10	13-Mar-24
Rosin phenolic resins and uses related thereto	Arizona Chemical Company, LLC	11/845410		27-Aug-07		
Rosin esters for non-woven applications, methods of making and using and products therefrom	Arizona Chemical Company, LLC	12/714625		1-Mar-10		
Rosin phenolic resins for printing inks	Arizona Chemical Company, LLC	11/741536		27-Apr-07		
Rubber compositions with building tack	Arizona Chemical Company, LLC	12/442209		17-Dec-09		
Secondary alcohol esters of hydroxyacids and uses thereof	Arizona Chemical Company, LLC	09/481004	6407272	10-Jan-00	18-Jun-02	10-Jan-20
Stable polyamide resin microdispersions	Arizona Chemical Company, LLC	07/674846	5407985	25-Mar-94	18-Apr-95	18-Apr-12
Structured composition containing tertiary amide-terminated polyamide for personal care products	Arizona Chemical Company, LLC	09/899812	6469131	6-Jul-01	22-Oct-02	4-Jan-19
Styrenated terpene resin as well as methods of making and using the same	Arizona Chemical Company, LLC	11/779238	7829630	17-Jul-07	9-Nov-10	17-Jul-27
Surfactant for forming stable dispersions of rosin esters	Arizona Chemical Company, LLC	08/189053	6274657	27-Jan-94	14-Aug-01	14-Aug-18

Tall oil pitch-modified phenolic resin and methods related thereto	Arizona Chemical Company, LLC	09/940678	6469125	27-Aug-01	22-Oct-02	27-Aug-21
Terpene dimer compositions and related methods of manufacture	Arizona Chemical Company, LLC	08/677174	5723709	9-Jul-96	3-Mar-98	14-Apr-14
Terpene dimer varnish and ink formulations and related methods of manufacture	Arizona Chemical Company, LLC	08/684696	5762696	19-Jul-96	9-Jun-98	19-Jun-16
Terpene resin and hydrocarbon resin-based surfactants and aqueous dispersion of tackifier resins.	Arizona Chemical Company, LLC	11/699203	7452941	29-Jun-07	18-Nov-08	6-Feb-23
Terpene resin- and hydrocarbon resin-based surfactants and aqueous dispersions of tackifier resins	Arizona Chemical Company, LLC	10/360585	6900274	6-Feb-03	31-May-05	6-Feb-23
Terpene-based solvents	Arizona Chemical Company, LLC	08/618247	5847247	18-Mar-96	8-Dec-98	14-Apr-14
Tertiary amide terminated polyamides and uses thereof	Arizona Chemical Company, LLC	09/225889	6268466	4-Jan-99	31-Jul-01	4-Jan-19
Tertiary amide terminated polyamides in cosmetics	Arizona Chemical Company, LLC	10/023459	6592857	13-Dec-01	15-Jul-03	1-Apr-19
Tertiary amide-terminated polyamides in structured personal care compositions	Arizona Chemical Company, LLC	09/893317	6503522	27-Jun-01	7-Jan-03	4-Jan-19
Thermal polymerization of dicyclopentadiene	Arizona Chemical Company, LLC	08/185057	5410004	20-Jan-94	25-Apr-95	20-Jan-14
Thermal polymerization of dicyclopentadiene	Arizona Chemical Company, LLC	08/628828	5691432	3-Apr-96	25-Nov-97	20-Jan-14

Tire Components Comprising Tall Oil Pitch, Tires Comprising Such Components, and Methods of Making and Using Such Components and Tires	Arizona Chemical Company, LLC	13/087047		16-Apr-11		
Tires and tread formed from phenol-aromatic-terpene resin	Arizona Chemical Company, LLC	12/814433		11-Jun-10		
Ultraviolet curable epoxidized alkyds	Arizona Chemical Company, LLC	08/762251	5821324	12-Dec-96	13-Oct-98	15-Feb-15
Ultraviolet curable expoxidized alkyds	Arizona Chemical Company, LLC	08/388926	5612445	15-Feb-95	18-Mar-97	15-Feb-15
Water Soluble Rosin Acid Esters	Arizona Chemical Company, LLC	11/746148	7994106	9-May-07	9-Aug-11	9-May-27