

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM368259

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Release of Security Interest in Intellectual Property Collateral at Reel/Frame No. 5301/0862

## CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Goldman Sachs Bank USA		01/06/2016	bank: UNITED STATES

## RECEIVING PARTY DATA

<b>Name:</b>	Arizona Chemical Company LLC
<b>Street Address:</b>	4600 Touchton Road East, Suite 1200
<b>City:</b>	Jacksonville
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	32246
<b>Entity Type:</b>	LIMITED LIABILITY COMPANY: DELAWARE

## PROPERTY NUMBERS Total: 39

Property Type	Number	Word Mark
Serial Number:	85042395	ABIETA
Serial Number:	73213482	AQUATAC
Serial Number:	78133291	ARIZONA
Serial Number:	78133361	ARIZONA CHEMICAL
Registration Number:	1040769	
Serial Number:	85141165	ARIZONA CHEMICAL
Serial Number:	71639114	CENTURY
Serial Number:	78241921	CENWAX
Serial Number:	74213400	MICROMID
Serial Number:	85141168	RENEWABLE RESOURCES. ENDLESS POSSIBILITIES
Serial Number:	72098467	SYLFAT
Serial Number:	73063769	SYLFAT
Serial Number:	76181217	SYLVABLEND
Serial Number:	78157211	SYLVACLEAR
Serial Number:	75459652	SYLVACOTE
Serial Number:	85151875	SYLVADERM
Serial Number:	77641404	SYLVAFUEL
Serial Number:	78173363	SYLVAGEL
Serial Number:	76228556	SYLVAGUM

TRADEMARK

Property Type	Number	Word Mark
Serial Number:	73457130	SYLVALITE
Serial Number:	76228554	SYLVALITE
Serial Number:	75459651	SYLVAPINE
Serial Number:	74577048	SYLVAPRINT
Serial Number:	76228555	SYLVARES
Serial Number:	72098468	SYLVAROS
Serial Number:	85151851	SYLVASOL
Serial Number:	73135157	SYLVATAC
Serial Number:	73758121	SYLVATAC
Serial Number:	85114167	SYLVATAL
Serial Number:	77640838	UNICLEAR
Serial Number:	72394412	UNIDYME
Serial Number:	72394411	UNIFLEX
Serial Number:	72223849	UNI-REZ
Serial Number:	73353784	UNI-TAC
Serial Number:	78216265	ZONATAC
Serial Number:	85441686	SYLVACLEAR
Serial Number:	85608742	SYLVAGEL
Serial Number:	85776437	SYLVAPACK
Serial Number:	86079701	SYLVAROAD

**CORRESPONDENCE DATA**

**Fax Number:** 2138918763

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

**Email:** ipdocket@lw.com

**Correspondent Name:** Latham & Watkins LLP

**Address Line 1:** 355 South Grand Avenue

**Address Line 4:** Los Angeles, CALIFORNIA 90071-1560

**ATTORNEY DOCKET NUMBER:** 030786-0704

**NAME OF SUBMITTER:** Rhonda DeLeon

**SIGNATURE:** /Rhonda DeLeon/

**DATE SIGNED:** 01/06/2016

**Total Attachments: 15**

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RELEASE OF SECURITY INTEREST  
IN INTELLECTUAL PROPERTY COLLATERAL

This RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL (this “**Release**”), dated as of January 6, 2016, is made by GOLDMAN SACHS BANK USA, as collateral agent for the Secured Parties (as defined in the Credit Agreement referred to below) (“**Collateral Agent**”), in favor of Borrower (as defined below), Holdings (as defined below) and certain Subsidiaries of Holdings. Capitalized terms used but not defined herein have the meanings specified in the Credit Agreement referred to below.

WHEREAS, AZ CHEM US INC. (“**Borrower**”), and ARIZONA CHEMICAL HOLDINGS CORPORATION (“**Holdings**”), certain Subsidiaries of Holdings and Collateral Agent entered into that certain Second Lien Credit and Guarantee Agreement, dated as of June 12, 2014 (as amended, supplemented, amended and restated or otherwise modified from time to time, the “**Credit Agreement**”), among Borrower, Holdings, certain Subsidiaries of Holdings, as Guarantors, the Lenders party thereto from time to time, and Goldman Sachs Bank USA, as Joint Lead Arranger, Joint Bookrunner and Co-Syndication Agent and as Administrative Agent and Collateral Agent, pursuant to which the Lenders made credit extensions to Borrower;

WHEREAS, in connection with the Credit Agreement, and pursuant to (i) the Second Lien Pledge and Security Agreement, dated as of June 12, 2014 (the “**Pledge and Security Agreement**”), among Borrower, Holdings, the other grantors party thereto and Collateral Agent; (ii) the Second Lien Patent Security Agreement dated as of June 12, 2014 (the “**Patent Security Agreement**”), between Arizona Chemical Company, LLC (“**ACC**”) and Collateral Agent; and (iii) the Second Lien Trademark Security Agreement dated as of June 12, 2014 (the “**Trademark Security Agreement**”), between ACC and Collateral Agent (together with the Patent Security Agreement, the “**Patent and Trademark Security Agreements**”), Borrower, Holdings and certain Subsidiaries of Holdings granted security interests in (i) certain Patents (as defined in the Pledge and Security Agreement) owned by Borrower, Holdings and such Subsidiaries, including, without limitation, those Patents listed on **Annex I** attached hereto (the “**Patent Collateral**”) and (ii) certain Trademarks (as defined in the Pledge and Security Agreement) owned by Borrower, Holdings and such Subsidiaries, including, without limitation, those Trademarks listed on **Annex I** attached hereto, together with the goodwill associated with such Trademarks (the “**Trademark Collateral**”) (together with the Patent Collateral, the “**Patent and Trademark Collateral**”); and

WHEREAS, the Patent and Trademark Security Agreements were recorded in the U.S. Patent and Trademark Office on the dates and on the reels and frames set forth on **Annex I** hereto; and

WHEREAS, Collateral Agent, on behalf of itself and the Secured Parties, desires to release its security interest in and to the Patent and Trademark Collateral.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Collateral Agent, on behalf of itself and the Secured Parties, agrees, for the benefit of Borrower, Holdings and the Subsidiaries of Holdings referred to herein, as follows:

1. Release of Security Interest. Collateral Agent, without representation or warranty (except as set forth in Section 2 herein), on behalf of itself and the Secured Parties, hereby absolutely, unconditionally and irrevocably **TERMINATES, CANCELS, RELEASES AND DISCHARGES**, in its entirety, all of its lien on and security interest in and all right, title and interest in and to the Patent and Trademark Collateral of Borrower, Holdings and each applicable Subsidiary of Holdings granted pursuant to the Credit Agreement, the Pledge and Security Agreement or the Patent and Trademark Security Agreements or any other agreement or document delivered in connection with the foregoing agreements, and Collateral Agent, on behalf of itself and the Secured Parties, hereby reassigns any and all such right, title and interest (if any) that Collateral Agent and/or the Secured Parties may have under such agreements in or to the Patent Collateral to Borrower, Holdings and each applicable Subsidiary, in each case, as applicable.

2. Representations and Warranties. Collateral Agent represents and warrants that it has full authority to execute and deliver this Release.

3. Further Assurances. Collateral Agent, on behalf of itself and the Secured Parties, agrees, at Borrower's expense, to cooperate with Borrower, Holdings and the applicable Subsidiaries of Holdings and to provide, execute and/or deliver to Borrower, Holdings and such Subsidiaries all additional information, authorization and documentation, and to timely take, or cause to be taken, all actions, in each case, as may be reasonably required or desirable to carry out the provisions of, consummate, and make effective the release of Collateral Agent's security interest in the Patent and Trademark Collateral described herein.

4. Recordation. Collateral Agent authorizes and requests that the United States Patent and Trademark Office record this Release.

5. Miscellaneous. As used in this Release, the word "including" is not intended to be exclusive, or to limit the generality of the preceding words, and means "including, without limitation." This Release may be executed in one or more counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument; signature pages may be detached from multiple separate counterparts and attached to a single counterpart so that all signature pages are physically attached to the same document. Delivery of an executed signature page to this Release by facsimile or electronic (including .pdf file) transmission shall be as effective as delivery of a mutually signed counterpart of this Release. This Release and its Annexes, Schedules and Exhibits, constitutes the entire understanding and agreement of the parties with respect to the subject matter hereof and supersedes all prior and contemporaneous agreements or understandings, inducements or conditions, express or implied, written or oral, between and among the parties with respect hereto. This Release may not be supplemented, altered or modified in any manner except by a writing signed by all parties hereto. The failure of any party to enforce any terms or provisions of this Release shall not waive any of its rights under such terms or provisions. This Release is binding upon and inures to the benefit of the parties hereto and their respective successors and assigns.

6. Governing Law. This Release and the rights and obligations of the parties under this Release shall be governed by, and construed and enforced in accordance with, the laws of the State of New York, without regard to its conflicts of law provisions (other than Section 5-1401 and Section 5-1402 of the New York General Obligation Laws).

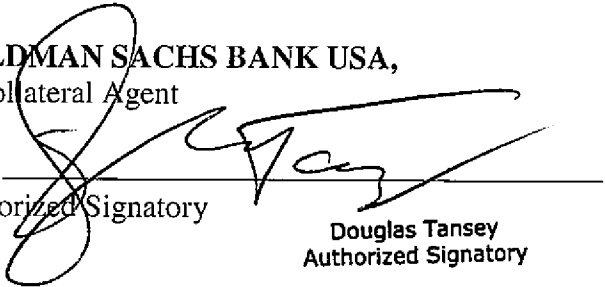
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IN WITNESS WHEREOF, Collateral Agent, on behalf of itself and the Secured Parties, has duly executed this Release as of the date first above written.

**GOLDMAN SACHS BANK USA,**  
as Collateral Agent

By: \_\_\_\_\_

Authorized Signatory

A handwritten signature in black ink, appearing to read 'Douglas Tansey', is written over a horizontal line. The signature is stylized and cursive.

**Douglas Tansey**  
Authorized Signatory

[Signature Page to Release of Security Interest in Intellectual Property]

**TRADEMARK**  
**REEL: 005704 FRAME: 0284**

**ANNEX 1 TO  
RELEASE OF SECURITY INTEREST IN  
INTELLECTUAL PROPERTY COLLATERAL**

United States Trademark and Trademark Applications

MARK	REGISTERED OWNER	APPLICATION NUMBER	REGISTRATION NUMBER	FILING DATE	REGISTRATION DATE	NEXT RENEWAL DUE	REEL FRAME
ABIETA	Arizona Chemical Company, LLC	85/042395		19-May-10			5301/862
AQUATAC	Arizona Chemical Company, LLC	73/213482	1154340	30-Apr-79	19-May-81	19-May-21	5301/862
ARIZONA (stylized)	Arizona Chemical Company, LLC	78/133291	2810445	5-Jun-02	3-Feb-04	3-Feb-24	5301/862
ARIZONA CHEMICAL	Arizona Chemical Company, LLC	78/133361	2779502	5-Jun-02	4-Nov-03	4-Nov-23	5301/862
ARIZONA CHEMICAL (stylized 2010)	Arizona Chemical Company, LLC	85/141165	1040769	29-Sep-11	18-Oct-11	18-Oct-21	5301/862
ARIZONA CHEMICAL and Design	Arizona Chemical Company, LLC	85/141165		29-Sep-10	18-Oct-11	18-Oct-21	5301/862
CENTURY	Arizona Chemical Company, LLC	71/639114	580811	6-Dec-52	6-Oct-53	6-Oct-23	5301/862
CENWAX	Arizona Chemical Company, LLC	78/241921	2886414	25-Apr-03	21-Sep-04	21-Sep-14	5301/862
MICROMID RENEWABLE RESOURCES, ENDLESS POSSIBILITIES.	Arizona Chemical Company, LLC	74/213400	1709624	18-Oct-91	25-Aug-92	25-Aug-22	5301/862
	Arizona Chemical Company, LLC	85/141168		29-Sep-10			5301/862



SYLFAT	Arizona Chemical Company, LLC	72/098467	724674	6-Jun-60	5-Dec-61	5-Dec-21	5301/862
SYLFAT	Arizona Chemical Company, LLC	73/063769	1040359	22-Sep-75	1-Jun-76	1-Jun-16	5301/862
SYLVABLEND	Arizona Chemical Company, LLC	76/181217	2617023	14-Dec-00	10-Sep-02	10-Sep-22	5301/862
SYLVACLEAR	Arizona Chemical Company, LLC	78/157211	2770417	23-Aug-02	30-Sep-03	30-Sep-23	5301/862
SYLVACOTE	Arizona Chemical Company, LLC	75/459652	2721617	31-Mar-98	3-Jun-03	3-Jun-23	5301/862
SYLVADERM	Arizona Chemical Company, LLC	85/151875		13-Oct-10			5301/862
SYLVAFUEL	Arizona Chemical Company, LLC	77/641404	3768872	30-Dec-08	30-Mar-10	30-Mar-20	5301/862
SYLVAGEL	Arizona Chemical Company, LLC	78/173363	2779604	11-Oct-02	4-Nov-03	4-Nov-23	5301/862
SYLVAGUM	Arizona Chemical Company, LLC	76/228556	2623919	21-Mar-01	24-Sep-02	24-Sep-22	5301/862
SYLVALITE	Arizona Chemical Company, LLC	73/457130	1306649	15-Dec-83	27-Nov-84	17-Nov-14	5301/862
SYLVALITE	Arizona Chemical Company, LLC	76/228554	2735891	21-Mar-01	15-Jul-03	15-Jul-23	5301/862
SYLVAPINE	Arizona Chemical Company, LLC	75/459651	2433849	31-Mar-98	6-Mar-01	6-Mar-21	5301/862
SYLVAPRINT	Arizona Chemical Company, LLC	74/577048	2211336	22-Sep-94	15-Dec-98	15-Dec-18	5301/862
SYLVARES	Arizona Chemical Company, LLC	76/228555	2623918	21-Mar-01	24-Sep-02	24-Sep-22	

									5301/862
SYLVAROS	Arizona Chemical Company, LLC	72/098468	733990	6-Jun-60	10-Jul-62	10-Jul-22	5301/862		
SYLVASOL	Arizona Chemical Company, LLC	85/151851		13-Oct-10			5301/862		
SYLVATAC	Arizona Chemical Company, LLC	73/135157	1085203	25-Jul-77	14-Feb-78	14-Feb-18	5301/862		
SYLVATAC	Arizona Chemical Company, LLC	73/758121	1545955	17-Oct-88	4-Jul-89	4-Jul-19	5301/862		
SYLVATAL	Arizona Chemical Company, LLC	85/114167		24-Aug-10			5301/862		
UNICLEAR	Arizona Chemical Company, LLC	77/640838	3706809	29-Dec-08	3-Nov-09	3-Nov-19	5301/862		
UNIDYME	Arizona Chemical Company, LLC	72/394412	943515	9-Jun-71	26-Sep-72	22-Oct-22	5301/862		
UNIFLEX	Arizona Chemical Company, LLC	72/394411	1040777	9-Jun-71	1-Jun-76	21-Feb-16	5301/862		
UNI-REZ	Arizona Chemical Company, LLC	72/223849	803277	20-Jul-65	8-Feb-66	8-Feb-16	5301/862		
UNI-TAC	Arizona Chemical Company, LLC	73/353784	1262091	10-Mar-82	27-Dec-83	27-Dec-23	5301/862		
ZONATAC	Arizona Chemical Company, LLC	78/216265	2823322	19-Feb-03	16-Mar-04	16-Mar-24	5301/862		
SYLVACLEAR	Arizona Chemical Company, LLC	85/441686	4284739	07-Oct-11	05-Feb-2013	05-Feb-2023	5301/862		
SYVLAGEEL	Arizona Chemical Company, LLC	85/608742	4263845	26-Apr-11	25-Dec-2012	25-Dec-2022	5301/862		

SYLVAPACK	Arizona Chemical Company, LLC	85/776437		10-Nov-2012		5301/862
SYLVAROAD	Arizona Chemical Company, LLC	86/079701		01-Oct-2013		5301/862

United States Patents and Patent Applications

TITLE	REGISTERED OWNER	APPLICATION NUMBER	PATENT NUMBER	FILING DATE	ISSUE DATE	EXPIRATION DATE	REEL FRAME
A novel method to remove calcium from tall oil soap	Arizona Chemical Company, LLC	13/302471	8419897	22-Nov-11	16-Apr-13	22-Nov-31	33146/361
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	33146/361
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	33146/361
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	33146/361
Additives for Rubber Compositions	Arizona Chemical Company, LLC	61/906968		21-Nov-13		21-Nov-14	33146/361
Alkyd-based ink vehicles and ink compositions	Arizona Chemical Company, LLC	09/971240	6632859	4-Oct-01	14-Oct-03	17-Mar-19	33146/361
Compositions containing fatty acids and/or derivatives thereof and a low temperature stabilizer	Arizona Chemical Company, LLC	11/393387		29-Mar-06			33146/361
Compositions Containing Fatty Acids and/or Derivatives Thereof and a Low Temperature Stabilizer	Arizona Chemical Company, LLC	12/551087		31-Aug-09			33146/361
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	33146/361
Cyclic bisamides useful in formulating inks for phase-change printing	Arizona Chemical Company, LLC	11/195577	8269046	2-Aug-05	18-Sep-2012	14-Jan-2026	33146/361

Diamedurethanes and hot-melt printing therewith	Arizona Chemical Company, LLC	09/070702	5881648	30-Apr-98	16-Mar-99	1-Oct-16	33146/361
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	33146/361
Efficient process for preparing oxidation stable rosin esters	Arizona Chemical Company, LLC	61/883754		27-Sep-13		27-Sep-14	33146/361
Esterification of rosin	Arizona Chemical Company, LLC	08/370733	5504152	10-Jan-95	2-Apr-96	10-Jan-15	33146/361
EVA hot melt formulations comprising rosin esters having low hydroxyl (-OH) and preferably also having low acid numbers	Arizona Chemical Company, LLC	61/883803		27-Sep-13		27-Sep-14	33146/361
Fatty acid composition, its production and use	Arizona Chemical Company, LLC	10/523649		29-Jul-05			33146/361
Fatty acid esters and uses thereof	Arizona Chemical Company, LLC	10/672430	7256162	26-Sep-03	14-Aug-07	2-Oct-23	33146/361
Flushed pigments and method for making flushed pigments	Arizona Chemical Company, LLC	08/826011	5820667	27-Mar-97	13-Oct-98	27-Mar-17	33146/361
Fuel Additives, Fuels, Methods of Making and Using Same	Arizona Chemical Company, LLC	61/442466		14-Feb-11			33146/361
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	33146/361
Improved rosin-based resin ink vehicles	Arizona Chemical Company, LLC	08/975585	5902389	21-Nov-97	11-May-99	27-Mar-17	33146/361

Ink compositions	Arizona Chemical Company, LLC	08/811851	5844071	5-Mar-97	1-Dec-98	10-May-15	33146/361
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	33146/361
Ink-jet printing compositions	Arizona Chemical Company, LLC	08/314148	5455326	28-Sep-94	3-Oct-95	28-Sep-14	33146/361
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	33146/361
Laminated barrier film	Arizona Chemical Company, LLC	08/279631	5464691	22-Jul-94	7-Nov-95	22-Jul-14	33146/361
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	33146/361
Light-colored rosin esters and adhesive compositions	Arizona Chemical Company, LLC	09/123228	6562888	27-Jul-98	13-May-03	27-Jul-18	33146/361
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	33146/361
Low color and low sulfur tall oil rosin esters via adsorption	Arizona Chemical Company, LLC	61/883793		27-Sep-13		27-Sep-14	33146/361
Low softening point terpene-phenol resins	Arizona Chemical Company, LLC	08/371426	5457175	11-Jan-95	10-Oct-95	11-Jan-15	33146/361
Low Rosin, Low Sulfur, and Low Unsaponifiables Tall Oil Fatty Acids and Derivatives	Arizona Chemical Company, LLC	13/985251		13-Aug-13			33146/361
Low Sulfur Tall Oil Fatty Acid	Arizona Chemical Company, LLC	13/369945		09-Feb-12			33146/361
Method for emulsion polymerization	Arizona Chemical Company, LLC	08/463292	5756619	5-Jun-95	26-May-98	26-May-15	33146/361

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	33146/361
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	33146/361
Method for making modified terpene-phenol resins	Arizona Chemical Company, LLC	09/081496	6160083	19-May-98	12-Dec-00	19-May-18	33146/361
Method for separating sterols from tall oil	Arizona Chemical Company, LLC	09/153728	6107456	15-Sep-98	22-Aug-00	31-Aug-18	33146/361
Method for separating sterols from tall oil	Arizona Chemical Company, LLC	09/782869	6414111	14-Feb-01	2-Jul-02	31-Aug-18	33146/361
Methods of vulcanizing elastomers using tall oil heads	Arizona Chemical Company, LLC	11/708645	8013046	20-Feb-07	6-Sep-11	13-Mar-25	33146/361
Modified dicyclopentadiene resins	Arizona Chemical Company, LLC	08/514764	5587007	14-Aug-95	24-Dec-96	14-Aug-15	33146/361
Modified phenolic resin and uses related thereto	Arizona Chemical Company, LLC	08/877188	5886128	17-Jun-97	23-Mar-99	17-Jun-17	33146/361
Nitrocellulose-compatible laminating ink resins	Arizona Chemical Company, LLC	09/861174	6710121	18-May-01	23-Mar-04	18-May-21	33146/361
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	33146/361
Polyamide polyols and polyurethanes, methods for making and using, and products made therefrom	Arizona Chemical Company, LLC	11/950556		5-Dec-07			33146/361
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	33146/361

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	33146/361
Polyphenylene oxide delivery system for adhesive compositions	Arizona Chemical Company, LLC	08/803873	5807915	24-Feb-97	15-Sep-98	28-Aug-15	33146/361
Polyphenylene oxide delivery system for adhesive compositions	Arizona Chemical Company, LLC	09/152380	5910526	14-Sep-98	8-Jun-99	28-Sep-15	33146/361
Process for cationic polymerization	Arizona Chemical Company, LLC	08/721554	5854367	26-Sep-96	29-Dec-98	26-Sep-16	33146/361
Process for making high viscosity ink resins	Arizona Chemical Company, LLC	08/438606	5635591	10-May-95	3-Jun-97	10-May-15	33146/361
Production of low sulfur, low color and oxidation stable rosin esters	Arizona Chemical Company, LLC	61/883725		27-Sep-13		27-Sep-14	33146/361
Production of Tall Oil and Associated Materials	Arizona Chemical Company, LLC	PCT/US2011/051137		10-Sep-11			33146/361
Release Agents Containing Saponified Fatty and Rosin Acids or Derivatives Thereof	Arizona Chemical Company, LLC	11/681162		1-Mar-07			33146/361
Release Agents Containing Saponified Fatty and Rosin Acids or Derivatives Thereof	Arizona Chemical Company, LLC	12/634189		9-Dec-09			33146/361
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	33146/361
Resinates from monomer	Arizona Chemical Company, LLC	10/402348	6875842	28-Mar-03	5-Apr-05	25-Jul-23	33146/361
Resinates from monomer	Arizona Chemical Company, LLC	11/099438	7291697	4-Apr-05	6-Nov-07	28-Mar-23	33146/361
Resins and adhesive formulations therewith	Arizona Chemical Company, LLC	11/443792	7750105	31-May-06	6-Jul-10	13-Mar-24	33146/361



Rosen phenolic resins and uses related thereto	Arizona Chemical Company, LLC	11/845410	8450446	27-Aug-07	28-May-13	29-Jan-24	33146/361
Rosin ester tackifiers for pressure-sensitive adhesives	Arizona Chemical Company, LLC	61/835373		14-Jun-13		14-Jun-14	33146/361
Rosin esters for non-woven applications, methods of making and using and products therefrom	Arizona Chemical Company, LLC	13/728067		27-Dec-12			33146/361
Rosin phenolic resins for printing inks	Arizona Chemical Company, LLC	11/741536	8158743	27-Apr-07	17-Apr-12	05-Mar-23	33146/361
Rubber compositions with building tack	Arizona Chemical Company, LLC	12/442209	8080602	17-Dec-09	20-Dec-11	04-Oct-27	33146/361
Secondary alcohol esters of hydroxyacids and uses thereof	Arizona Chemical Company, LLC	09/481004	6407272	10-Jan-00	18-Jun-02	10-Jan-20	33146/361
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	33146/361
Surfactant for forming stable dispersions of rosin esters	Arizona Chemical Company, LLC	08/189053	6274657	27-Jan-94	14-Aug-01	14-Aug-18	33146/361
T all 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	33146/361
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	33146/361
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	33146/361
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	33146/361

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			33146/361
Tires and tread formed from phenol-aromatic-terpene resin	Arizona Chemical Company, LLC	12/814433			11-Jun-10			33146/361
Ultraviolet curable epoxidized alkyds	Arizona Chemical Company, LLC	08/762251	5821324		12-Dec-96	13-Oct-98	15-Feb-15	33146/361
Ultraviolet curable epoxidized alkyds	Arizona Chemical Company, LLC	08/388926	5612445		15-Feb-95	18-Mar-97	15-Feb-15	33146/361
Water Soluble Rosin Acid Esters	Arizona Chemical Company, LLC	11/746148	7994106		9-May-07	9-Aug-11	9-May-27	33146/361