

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4667184

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
LION COPOLYMER HOLDINGS, LLC	10/31/2017

RECEIVING PARTY DATA

Name:	CORTLAND CAPITAL MARKET SERVICES LLC, AS COLLATERAL AGENT
Street Address:	225 W WASHINGTON STREET, 21ST FLOOR
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606

PROPERTY NUMBERS Total: 36

Property Type	Number
Patent Number:	8329794
Patent Number:	8329810
Patent Number:	9267019
Patent Number:	8835536
Patent Number:	9574055
Patent Number:	8741987
Patent Number:	8962722
Patent Number:	8962723
Patent Number:	8575257
Patent Number:	8901236
Patent Number:	8901238
Patent Number:	9574030
Patent Number:	8901201
Patent Number:	8901194
Patent Number:	8901193
Patent Number:	8901191
Patent Number:	8901195
Patent Number:	8962724
Patent Number:	8859638
Patent Number:	8987346

PATENT

Property Type	Number
Patent Number:	8901204
Patent Number:	9321915
Patent Number:	9139726
Patent Number:	9139727
Patent Number:	9574033
Patent Number:	9574034
Patent Number:	9574035
Patent Number:	9718897
Patent Number:	9718898
Application Number:	15368139
Patent Number:	6543199
Patent Number:	6147521
Patent Number:	6310237
Patent Number:	6225427
PCT Number:	US0600830
Patent Number:	6380312

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 105088-0031

NAME OF SUBMITTER: GARY LEE

SIGNATURE: /Gary Lee/

DATE SIGNED: 10/31/2017

Total Attachments: 8

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NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS

United States Patent and Trademark Office


Ladies and Gentlemen:

Please be advised that pursuant to the Security Agreement dated as of October 31, 2017 (as the same may be amended, modified, restated or supplemented from time to time, the "Security Agreement") by and among the Grantors from time to time party thereto (each an "Grantor" and collectively, the "Grantors") and Cortland Capital Market Services LLC, as Collateral Agent (the "Collateral Agent") for the Secured Parties referenced therein, the undersigned Grantors have granted a continuing security interest in and continuing lien upon, the patents and patent applications set forth on Schedule 1 attached hereto to the Collateral Agent for the ratable benefit of the Secured Parties.

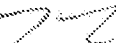
The undersigned Grantors and the Collateral Agent, on behalf of the Secured Parties, hereby acknowledge and agree that the security interest in the patents and patent applications set forth on Schedule 1 attached hereto (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

Lion Copolymer Holdings, LLC,
as a Grantor

By: _____
Name: Thomas Wells
Title: Authorized Representative

Lion Copolymer Geismar, LLC,
as a Grantor

By: _____
Name: Thomas Wells
Title: Authorized Representative

Acknowledged and Accepted:
CORTLAND CAPITAL MARKET SERVICES LLC,
as Collateral Agent

By: 

Name: **Polina Arsentyeva**

Title: **Associate Counsel**

Accepted and agreed to as of the date first above written.

SCHEDULE 1

PATENTS

(a) Lion Copolymer Holdings, LLC

Case Number	Title	Country	Application Number	Application Date	Patent Number	Issue Date	Status	Expiry Date
1751.003	Compatibilized silica in nitrile rubber and blends of nitrile rubber and styrene butadiene rubber composition	United States	12/984,280	1/4/2011	8,329,794	12/11/2012	Granted	3/7/2031
1751.004	Elastomeric compounds containing recycled materials and silica	United States	12/984,295	1/4/2011	8,329,810	12/11/2011	Granted	1/4/2031
1751.028	Functionalized Silica for Silica Wet Masterbatches and Styrene Butadiene Rubber Compositions	United States	13/560,844	7/27/2012	9,267,019	2/23/2016	Granted	9/9/2033
1751.029	Highly Silica Loaded Styrene Butadiene Rubber Masterbatch	United States	13/560,858	7/27/2012	8,835,536	9/16/2014	Granted	10/17/2032
1751.030	Compatibilized Silica with a Plurality of Silanes and a Polymer Silica-Reinforced Masterbatch	United States	13/594,623	8/24/2012	9,574,055	2/2/2017	Granted	8/24/2032
1751.031	Polymer Silica-Reinforced Masterbatch with Nanomaterial	United States	13/594,636	8/24/2012	8,741,987	6/3/2014	Granted	10/6/2032

(b) Lion Copolymer Geismar, LLC

Case Number	Title	Application Number	Application Date	Patent Number	Issue Date	Status	Expiry Date
1751.022	Solvent-less liquid Ethylene Propylene Diene Monomer Rubber Compound and Method of Making	13/525192	6/15/2012	8,962,722	2/24/2015	Granted	5/16/2033
1751.024	Durable Substrate Coating and Process for Making	13/525224	6/15/2012	8,962,723	2/24/2015	Granted	7/24/2033
1751.025	Fire Retardant Brominated Rubber Polymeric Composition and Method for Making	13/525228	6/15/2012	8,575,257	11/5/2013	Granted	6/15/2032
1751.034A	Method for Making a Sponge Polymer	61/711,596	10/9/2012	8,901,236	12/2/2014	Granted	10/8/2032
1751.034B	Sponge Polymer with Controlled Long Chain Branching and Broad Molecular Weight Distribution	14/049,075	10/8/2013	8,901,238	12/2/2014	Granted	10/8/2033
1751.036	Process for the Polymerization of Alpha Olefins and Non-Conjugated Dienes Using a Toluene Free Homogenous Co-Catalyst System With Metallocene Pro-Catalysts	61/728,607	11/20/2012	9,574,030	2/21/2017	Granted	11/15/2033
1751.037A	Ambient Light Curable Ethylene Propylene Diene Monomer Rubber Coating Devoid of Thermally Activated Accelerators	61/764,471	2/12/2014	8,901,201	12/2/2014	Granted	2/12/2034
1751.037B	Method for Making Ambient Light Curable Ethylene Propylene Diene Monomer Rubber Coating Devoid of Thermally Activated	61/764,471	2/12/2014	8,901,194	12/2/2014	Granted	2/12/2034

1751.038A	Dual Curable Ethylene Propylene Diene Monomer Rubber Coating Using a Photoinitiator and a Peroxide	61/764,479	2/12/2014	US 8,901,193	12/2/2014	Granted	2/12/2034
1751.038B	Method for Making Dual Curable Ethylene Propylene Diene Monomer Rubber Coating Using a Photoinitiator and a Peroxide	61/764,479	2/12/2014	8,901,191	12/2/2014	Granted	2/12/2034
1751.039A	High Solids Low VOC Content Propylene Diene Rubber Coating	61/764,483	2/12/2014	8,901,195	12/2/2014	Granted	2/12/2034
1751.039B	Method for Making High Solids Low VOC Content Propylene Diene Rubber Coating	61/764,483	2/12/2014	8,962,724	2/24/2015	Granted	2/12/2034
1751.040	Method for Making a High Solids Crosslinked Ethylene Propylene Diene	14/228,153	3/27/2014	8,859,638	10/14/2014	Granted	3/27/2034
1751.041	High Solids Crosslinked Ethylene Propylene Diene Monomer (EPDM) Latex	14/228,163	3/27/2014	8,987,346	3/24/2015	Granted	3/27/2034
1751.042	Crosslinked Ethylene Propylene Diene Latex Blends for Improved Coatings	14/245,219	4/16/2014	8,901,204	12/2/2014	Granted	4/16/2034
1751.043	Solvent Free Method for Making Ethylene Propylene Diene Terpolymer Latex	14/165,411	1/27/2014	9,321,915	4/26/2016	Granted	5/22/2034
1751.046	Process for Making an Ethylene Elastomer with Long Chain Branching for Use in Anti-Vibration Applications	14/554,707	11/26/2014	9,139,726	9/22/2015	Granted	10/8/2033
1751.047	Low Damping High Strength Polymer with Long Chain Branching for Use in Anti-Vibration Applications	14/554,760	11/26/2014	9,139,727	9/22/2015	Granted	10/8/2033
1751.053	Process for making low damping high strength ethylene propylene diene polymer	15/235971	8/12/2016	9574033	2/21/2017	Granted	10/8/2033

1751.054	Process for Making High Molecular Weight Tetrapolymer and Articles Produced Therefrom	15/247041	8/25/2016	9574034	2/21/2017	Granted	10/8/2033
1751.056	Process for Making High Molecular Weight Tetrapolymer and Articles Produced Therefrom	15/247630	8/25/2016	9574035	2/21/2017	Granted	10/8/2033
1751.057	Process for the Polymerization or Copolymerization of an Alpha Olefin	15/365806	11/30/2016	9718897	8/1/2017	Granted	11/15/2033
1751.058	Homogeneous Polymerization Catalyst for Alpha Olefins	15/365848	11/30/2016	9718898	8/1/2017	Granted	11/15/2033
012773-0100	Polymerization of Alpha Olefins	15/368139	12/2/2016			Pending	
D6347-WO	EPDM polymer for roof sheeting and process for same	09/647287	4/22/1999	6543199	4/8/2003	Granted	4/29/2019
D6348-US*	Process for the preparation and uses of derivatives of esters of α -methylene-bhydroxy acids	09/187378	11/6/1998	6147521	11/14/2000	Granted	11/6/2018
D6348-US2*	Process for the preparation and uses of derivatives of esters of α -methyl ene-bhydroxy acids	09/619133	7/18/2000	6310237	10/30/2001	Granted	11/6/2018
D6349-US	Process for the polymerization of an olefin, metallocene catalyst and cocatalyst for activating a metallocene procatalyst	09/173396	10/15/1998	6225427	5/1/2001	Granted	10/15/2018

0240PC	Light-induced gold iridescence of EPDM weatherseals	PCT/US06/00830	1/1/2006			Pending	
D6382-US	Thermoplastic elastomer blends	09/527838	3/17/2000	6380312	4/30/2002	Granted	3/17/2020