

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM460067

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Biosynthetic Technologies, LLC		12/27/2016	Limited Liability Company: MONTANA
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	BP Technology Ventures Inc.		
<b>Street Address:</b>	501 Westlake Park Boulevard		
<b>City:</b>	Houston		
<b>State/Country:</b>	TEXAS		
<b>Postal Code:</b>	77079		
<b>Entity Type:</b>	Corporation: DELAWARE		
<b>PROPERTY NUMBERS Total: 3</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3994612	LUBRIGREEN	
<b>Registration Number:</b>	4573855	BIOSYNTHETIC	
<b>Registration Number:</b>	4769486	WHERE SUSTAINABILITY & HIGH PERFORMANCE	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	8586385040		
<i>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.</i>			
<b>Phone:</b>	(858) 677-1400		
<b>Email:</b>	aldon.griffis@dlapiper.com		
<b>Correspondent Name:</b>	LISA A. HAILE, J.D., PH.D.		
<b>Address Line 1:</b>	4365 EXECUTIVE DRIVE, SUITE 1100		
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92121-2133		
<b>NAME OF SUBMITTER:</b>	Lisa A. Haile, J.D., Ph.D.		
<b>SIGNATURE:</b>	/Lisa A. Haile/		
<b>DATE SIGNED:</b>	01/30/2018		
<b>Total Attachments: 17</b>			
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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (“**IP Security Agreement**”), dated as of December 27, 2016, is by **BIOSYNTHETIC TECHNOLOGIES, LLC**, a Montana limited liability company (the “**Borrower**”), in favor of **BP TECHNOLOGY VENTURES INC.**, a Delaware corporation, as agent (the “**Agent**”) under the Security Agreement (as defined below).

WHEREAS, the Borrower has entered into that certain Convertible Note Purchase Agreement, dated as of December 27, 2016 (the “**Purchase Agreement**”), with certain other parties thereto (the “**Secured Parties**”), pursuant to which the Secured Parties have agreed to purchase, and the Borrower has agreed to issue, certain Secured Subordinated Convertible Promissory Notes in favor of the Secured Parties (the “**Convertible Notes**”); and

WHEREAS, as a condition precedent to the purchase of the Convertible Notes by the Secured Parties pursuant to the Purchase Agreement, the Borrower has executed and delivered to the Agent that certain Security Agreement, dated as of the date hereof, by and among Borrower, the Agent and the Secured Parties;

WHEREAS, under the terms of the Security Agreement, Borrower has granted to the Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of Borrower, and Borrower has agreed to execute and deliver this IP Security Agreement, for recording with national, federal and state government authorities, including, but not limited to, the United States Patent and Trademark Office and the United States Copyright Office.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Borrower agrees with the Agent as follows:

1. Grant of Security. Borrower hereby pledges and grants to the Agent for the ratable benefit of the Secured Parties a security interest in and to all of the right, title and interest of Borrower in, to and under the following (the “**IP Collateral**”);

(a) the patents and patent applications set forth in Schedule 1 hereto and all reissues, divisions, continuations, continuations-in-part, renewals, extensions and reexaminations thereof and amendments thereto (the “**Patents**”);

(b) the trademark registrations and applications set forth in Schedule 2 hereto, together with the goodwill connected with the use thereof and symbolized thereby and all extensions and renewals thereof (the “**Trademarks**”);

(c) the copyright registrations and applications set forth in Schedule 3 hereto, and all extensions and renewals thereof (the “**Copyrights**”);

(d) all rights of any kind whatsoever of Borrower accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world;

(e) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and

(f) any and all claims and causes of action with respect to any of the foregoing, whether occurring before, on or after the date hereof, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, dilution, misappropriation, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

Notwithstanding the foregoing, the IP Collateral does not include (a) any intent-to-use trademarks at all times prior to the first use thereof, whether by the actual use thereof in commerce, the recording of a statement of use with the United States Patent and Trademark Office or otherwise or (b) Borrower's interest in its patent license from the USDA; provided, however, if all of the corporate assets of Borrower are transferred to a third party, the IP Collateral shall automatically, and effective as of the date hereof, include such patent license.

2. Recordation. Borrower authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this IP Security Agreement upon request by the Agent.

3. Loan Documents. This IP Security Agreement has been entered into pursuant to and in conjunction with the Security Agreement, which is hereby incorporated by reference. The provisions of the Security Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of the Agent with respect to the IP Collateral are as provided by the Convertible Notes, the Security Agreement and related documents, and nothing in this IP Security Agreement shall be deemed to limit such rights and remedies.

4. Execution in Counterparts. This IP Security Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this IP Security Agreement by facsimile or in electronic (i.e., "pdf" or "tif") format shall be effective as delivery of a manually executed counterpart of this IP Security Agreement.

5. Successors and Assigns. This IP Security Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

6. Governing Law. This Agreement shall be governed by and construed under the laws of the State of Delaware as applied to agreements among Delaware residents entered into and to be performed entirely within Delaware.

*[SIGNATURE PAGE FOLLOWS]*

IN WITNESS WHEREOF, Borrower has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

**BORROWER:**

**BIOSYNTHETIC TECHNOLOGIES, LLC**

By:   
Name: Allen Barbieri  
Title: CEO

**ACKNOWLEDGED AND AGREED:**

**AGENT:**

**BP TECHNOLOGY VENTURES INC.**

By: \_\_\_\_\_  
Name:  
Title:

IN WITNESS WHEREOF, Borrower has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

**BORROWER:**

**BIOSYNTHETIC TECHNOLOGIES, LLC**

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

Name:

Title:

**ACKNOWLEDGED AND AGREED:**

**AGENT:**

**BP TECHNOLOGY VENTURES INC.**

By: Terry B Wood

Name: TERRY B WOOD

Title: VICE PRESIDENT

**SCHEDULE 1**  
**PATENTS AND PATENT APPLICATIONS**

# Patent Matters

Results for  
Status With values 'Allowed,Issued,Pending'

Dec 27, 2016 2:18:11 PM

TITLE	COUNTRY	STATUS	ISSUE DATE	PATENT NUMBER	APPLICATION NUMBER
ACETIC ACID-CAPPED ESTOLIDE BASE OILS AND METHODS OF MAKING THE SAME	US	Issued	Jun 4, 2013	8455412	13223008
ACETIC ACID-CAPPED ESTOLIDE BASE OILS AND METHODS OF MAKING THE SAME	US	Issued	May 6, 2014	8716206	13865520
CATALYTIC PROCESSES FOR PREPARING ESTOLIDE BASE OILS	AU	Issued	Dec 4, 2014	2011296578	2011296578
CATALYTIC PROCESSES FOR PREPARING ESTOLIDE BASE OILS	AU	Issued	Aug 4, 2016	2014264439	2014264439
CATALYTIC PROCESSES FOR PREPARING ESTOLIDE BASE OILS	CA	Pending			2809361
CATALYTIC PROCESSES FOR PREPARING ESTOLIDE BASE OILS	EP	Pending			117648899
CATALYTIC PROCESSES FOR PREPARING ESTOLIDE BASE OILS	JP	Pending			2015239476
CATALYTIC PROCESSES FOR PREPARING ESTOLIDE BASE OILS	US	Issued	Jan 28, 2014	8637689	13199551
CATALYTIC PROCESSES FOR PREPARING ESTOLIDE BASE OILS	US	Issued	Mar 10, 2015	8975425	14095750
CATALYTIC PROCESSES FOR PREPARING ESTOLIDE BASE OILS	US	Issued	May 3, 2016	9328305	14602752
CATALYTIC PROCESSES FOR PREPARING ESTOLIDE BASE OILS	US	Pending			15143884
CATALYTIC PROCESSES FOR PREPARING ESTOLIDE BASE OILS	EP	Pending			127357010
COMPOSITIONS COMPRISING ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME	EP	Pending			127076925
COMPOSITIONS COMPRISING ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME	US	Issued	Jan 21, 2014	8633143	13754775
COMPOSITIONS COMPRISING ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME	US	Issued	Apr 28, 2015	9016097	14100469
COMPOSITIONS COMPRISING ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME	US	Issued	Nov 8, 2016	9487725	14676516
COMPOSITIONS COMPRISING ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME	US	Pending			14829468
COMPOSITIONS COMPRISING ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME	US	Pending			15174558

TRADEMARK

REEL: 006261 FRAME: 0183



# Patent Matters

TITLE	COUNTRY	STATUS	ISSUE DATE	PATENT NUMBER	APPLICATION NUMBER
CONVERSION OF POLYESTER-CONTAINING FEEDSTOCKS INTO HYDROCARBON PRODUCTS	US	Pending			14831723
CONVERSION OF POLYESTER-CONTAINING FEEDSTOCKS INTO HYDROCARBON PRODUCTS	WO	Pending			PCTUS1546158
COOKING OILS AND FOOD PRODUCTS COMPRISING ESTOLIDES	US	Issued	Mar 17, 2015	8980361	14101829
COOKING OILS AND FOOD PRODUCTS COMPRISING ESTOLIDES	US	Pending			14619430
DICARBOXYLATE-CAPPED ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME	US	Issued	Apr 28, 2015	9018406	13781563
DIELECTRIC FLUIDS COMPRISING ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME	AU	Pending			2012271213
DIELECTRIC FLUIDS COMPRISING ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME	CA	Pending			2838701
DIELECTRIC FLUIDS COMPRISING ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME	EP	Pending			127094241
DIELECTRIC FLUIDS COMPRISING ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME	JP	Pending			2014515812
DIELECTRIC FLUIDS COMPRISING ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME	US	Allowed			14788503
DIELECTRIC FLUIDS COMPRISING ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME	US	Issued	Jul 7, 2015	9076588	13936015
DRILLING AND FRACTURING FLUIDS COMPRISING ESTOLIDE COMPOUNDS	US	Pending			14550727
ELECTRICAL DEVICES AND DIELECTRIC FLUIDS CONTAINING ESTOLIDE BASE OILS	US	Issued	Sep 18, 2012	8268199	13407402
EPOXIDIZED ESTOLIDES AND METHODS OF MAKING AND USING THE SAME	US	Issued	Sep 4, 2012	8256326	13411331
EPOXIDIZED ESTOLIDES, SULFURIZED ESTOLIDES, AND METHODS OF MAKING THE SAME	EP	Pending			127067452
ESTER COMPOUNDS INCLUDING TRIESTERS HAVING TERMINAL VICINAL ACYL GROUPS	US	Pending			15073540

# Patent Matters

TITLE	COUNTRY	STATUS	ISSUE DATE	PATENT NUMBER	APPLICATION NUMBER
ESTER COMPOUNDS INCLUDING TRIESTERS HAVING TERMINAL VICINAL ACYL GROUPS	WO	Pending			PCTUS1622972
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	AU	Pending			2013345136
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	BR	Pending			BR1120150104860
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	CA	Pending			2890913
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	CN	Pending			2013800598521
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	EP	Pending			138550306
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	IN	Pending			1356KOLNP2015
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	JP	Pending			2015542693
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	KR	Pending			20157016216
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	MY	Pending			PI2015001065
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	RU	Pending			2015123637
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	SG	Pending			11201503909Y
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	US	Issued	Nov 4, 2014	8877695	14073637
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	US	Issued	Mar 8, 2016	9279092	14503367
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	US	Pending			15059166
ESTOLIDE AND LUBRICANT COMPOSITIONS THAT CONTAIN ENE AND DIELS ALDER COMPOUNDS	ZA	Pending			201503402
ESTOLIDE COMPOSITIONS EXHIBITTING HIGH OXIDATIVE STABILITY	AU	Allowed			2012271126
ESTOLIDE COMPOSITIONS EXHIBITTING HIGH OXIDATIVE STABILITY	BR	Pending			1120130323892
ESTOLIDE COMPOSITIONS EXHIBITTING HIGH OXIDATIVE STABILITY	CA	Pending			2838465

# Patent Matters

TITLE	COUNTRY	STATUS	ISSUE DATE	PATENT NUMBER	APPLICATION NUMBER
ESTOLIDE COMPOSITIONS EXHIBITING HIGH OXIDATIVE STABILITY	CN	Allowed			2012800297322
ESTOLIDE COMPOSITIONS EXHIBITING HIGH OXIDATIVE STABILITY	EP	Pending			127265403
ESTOLIDE COMPOSITIONS EXHIBITING HIGH OXIDATIVE STABILITY	IN	Pending			9333CHENP2013
ESTOLIDE COMPOSITIONS EXHIBITING HIGH OXIDATIVE STABILITY	JP	Pending			JP2014515847
ESTOLIDE COMPOSITIONS EXHIBITING HIGH OXIDATIVE STABILITY	KR	Pending			20137032720
ESTOLIDE COMPOSITIONS EXHIBITING HIGH OXIDATIVE STABILITY	MY	Pending			PI2013004476
ESTOLIDE COMPOSITIONS EXHIBITING HIGH OXIDATIVE STABILITY	SG	Issued	Jun 13, 2016	195723	2013091863
ESTOLIDE COMPOSITIONS EXHIBITING HIGH OXIDATIVE STABILITY	US	Issued	Feb 12, 2013	8372301	13483602
ESTOLIDE COMPOSITIONS EXHIBITING HIGH OXIDATIVE STABILITY	US	Issued	Sep 24, 2013	8541351	13705643
ESTOLIDE COMPOSITIONS EXHIBITING HIGH OXIDATIVE STABILITY	US	Issued	Sep 15, 2015	9133410	13950508
ESTOLIDE COMPOSITIONS EXHIBITING HIGH OXIDATIVE STABILITY	US	Pending			14837240
ESTOLIDE COMPOSITIONS EXHIBITING SUPERIOR HIGH-PERFORMANCE PROPERTIES	BR	Pending			BR1120160067878
ESTOLIDE COMPOSITIONS EXHIBITING SUPERIOR HIGH-PERFORMANCE PROPERTIES	CA	Pending			2926013
ESTOLIDE COMPOSITIONS EXHIBITING SUPERIOR HIGH-PERFORMANCE PROPERTIES	EP	Pending			147908461
ESTOLIDE COMPOSITIONS EXHIBITING SUPERIOR HIGH-PERFORMANCE PROPERTIES	IN	Pending			201637009176
ESTOLIDE COMPOSITIONS EXHIBITING SUPERIOR HIGH-PERFORMANCE PROPERTIES	JP	Pending			2016519377
ESTOLIDE COMPOSITIONS EXHIBITING SUPERIOR HIGH-PERFORMANCE PROPERTIES	US	Issued	Jun 28, 2016	9376643	14501867
ESTOLIDE COMPOSITIONS EXHIBITING SUPERIOR HIGH-PERFORMANCE PROPERTIES	US	Pending			15194568
ESTOLIDE COMPOSITIONS, ESTAMIDE COMPOUNDS, AND LUBRICANT COMPOSITIONS CONTAINING THE SAME	US	Issued	Sep 29, 2015	9145535	13799383

# Patent Matters

TITLE	COUNTRY	STATUS	ISSUE DATE	PATENT NUMBER	APPLICATION NUMBER
FOOD-GRADE LUBRICANT COMPOSITIONS COMPRISING ESTOLIDE COMPOUNDS	US	Issued	Jan 24, 2013	8399389	13587120
GREASE COMPOSITIONS COMPRISING ESTOLIDE BASE OILS	AU	Pending			2012271204
GREASE COMPOSITIONS COMPRISING ESTOLIDE BASE OILS	CA	Pending			2839174
GREASE COMPOSITIONS COMPRISING ESTOLIDE BASE OILS	EP	Pending			127052082
GREASE COMPOSITIONS COMPRISING ESTOLIDE BASE OILS	JP	Pending			2014515810
GREASE COMPOSITIONS COMPRISING ESTOLIDE BASE OILS	US	Issued	Jul 19, 2016	9394501	13366667
GREASE COMPOSITIONS COMPRISING ESTOLIDE BASE OILS	US	Pending			15174666
HEAT-DISSIPATING COMPOSITIONS COMPRISING ESTOLIDE COMPOUNDS	US	Issued	Aug 20, 2013	8512592	13552878
HIGH- AND LOW-VISCOSITY ESTOLIDE BASE OILS AND LUBRICANTS	US	Issued	Jul 16, 2013	8486875	13711388
HIGH- AND LOW-VISCOSITY ESTOLIDE BASE OILS AND LUBRICANTS	US	Issued	Jan 5, 2016	9228146	14613311
HIGH- AND LOW-VISCOSITY ESTOLIDE BASE OILS AND LUBRICANTS	US	Pending			14976350
HIGH- AND LOW-VISCOSITY ESTOLIDE BASE OILS AND LUBRICANTS	AU	Issued	Aug 7, 2014	2011296575	2011296575
HIGH- AND LOW-VISCOSITY ESTOLIDE BASE OILS AND LUBRICANTS	AU	Issued	Nov 24, 2016	2014203810	
HIGH- AND LOW-VISCOSITY ESTOLIDE BASE OILS AND LUBRICANTS	CA	Pending			2809353
HIGH- AND LOW-VISCOSITY ESTOLIDE BASE OILS AND LUBRICANTS	EP	Allowed			117582775
HIGH- AND LOW-VISCOSITY ESTOLIDE BASE OILS AND LUBRICANTS	JP	Issued	Jan 19, 2016	2013-527064	2013527064
HIGH- AND LOW-VISCOSITY ESTOLIDE BASE OILS AND LUBRICANTS	JP	Pending			2016028786
HIGH- AND LOW-VISCOSITY ESTOLIDE BASE OILS AND LUBRICANTS	US	Issued	May 28, 2013	8450256	13199554
HYDROXY ESTOLIDES, POLY-CAPPED ESTOLIDES, AND METHODS OF MAKING THE SAME	US	Issued	Sep 9, 2014	8829216	13600704

# Patent Matters

TITLE	COUNTRY	STATUS	ISSUE DATE	PATENT NUMBER	APPLICATION NUMBER
HYDROXY ESTOLIDES, POLY-CAPPED ESTOLIDES, AND METHODS OF MAKING THE SAME	US	Issued	Aug 9, 2016	9410103	14454538
LUBRICANT COMPOSITIONS COMPRISING ESTOLIDE BASE OILS	US	Issued	Oct 16, 2012	8287754	13531923
Plasticized Compositions Containing Estolide Compounds	US	Issued	Oct 14, 2014	8859658	13766138
POLYOL ESTOLIDES AND METHODS OF MAKING AND USING THE SAME	EP	Pending			147447080
POLYOL ESTOLIDES AND METHODS OF MAKING AND USING THE SAME	US	Allowed			14977361
PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND BIGEASED COMPOUNDS THAT INCLUDE ETHYLENEOLYSIS	US	Pending			15047112
PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND BIOBASED COMPOUNDS THAT INCLUDE ETHYLENEOLYSIS	WO	Pending			PCTUS1618454
PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND OLIGOMERIC COMPOUNDS THAT INCLUDE CROSS METATHESIS	AU	Pending			2012355690
PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND OLIGOMERIC COMPOUNDS THAT INCLUDE CROSS METATHESIS	CA	Pending			2894831
PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND OLIGOMERIC COMPOUNDS THAT INCLUDE CROSS METATHESIS	EP	Pending			128094273
PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND OLIGOMERIC COMPOUNDS THAT INCLUDE CROSS METATHESIS	KR	Pending			20147020214
PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND OLIGOMERIC COMPOUNDS THAT INCLUDE CROSS METATHESIS	SG	Pending			10201600292Y
PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND OLIGOMERIC COMPOUNDS THAT INCLUDE CROSS METATHESIS	US	Issued	Nov 12, 2013	8580985	13707480
PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND OLIGOMERIC COMPOUNDS THAT INCLUDE CROSS METATHESIS	US	Issued	Dec 1, 2015	9199911	14026387
PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND OLIGOMERIC COMPOUNDS THAT INCLUDE CROSS METATHESIS	US	Issued	Aug 2, 2016	9403752	14937738

# Patent Matters

TITLE	COUNTRY	STATUS	ISSUE DATE	PATENT NUMBER	APPLICATION NUMBER
PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND OLIGOMERIC COMPOUNDS THAT INCLUDE CROSS METATHESIS	US	Pending			15226766
PROCESSES OF PREPARING ESTOLIDE BASE OILS AND LUBRICANTS THAT INCLUDE TRANSESTERIFICATION	EP	Pending			137998795
PROCESSES OF PREPARING ESTOLIDE BASE OILS AND LUBRICANTS THAT INCLUDE TRANSESTERIFICATION	US	Issued	Sep 22, 2015	9139792	13875172
PROCESSES OF PREPARING ESTOLIDE BASE OILS AND LUBRICANTS THAT INCLUDE TRANSESTERIFICATION	US	Issued	Jun 14, 2016	9365790	14844971
PROCESSES OF PREPARING ESTOLIDE COMPOUNDS THAT INCLUDE REMOVING SULFONATE RESIDUES	AU	Pending			2013277741
PROCESSES OF PREPARING ESTOLIDE COMPOUNDS THAT INCLUDE REMOVING SULFONATE RESIDUES	CA	Pending			2877091
PROCESSES OF PREPARING ESTOLIDE COMPOUNDS THAT INCLUDE REMOVING SULFONATE RESIDUES	EP	Pending			137097267
PROCESSES OF PREPARING ESTOLIDE COMPOUNDS THAT INCLUDE REMOVING SULFONATE RESIDUES	KR	Pending			20157001021
PROCESSES OF PREPARING ESTOLIDE COMPOUNDS THAT INCLUDE REMOVING SULFONATE RESIDUES	US	Issued	Nov 19, 2013	8586771	13787556
PROCESSES OF PREPARING ESTOLIDE COMPOUNDS THAT INCLUDE REMOVING SULFONATE RESIDUES	US	Issued	May 26, 2015	9040729	14049101
PROCESSES OF PREPARING ESTOLIDE COMPOUNDS THAT INCLUDE REMOVING SULFONATE RESIDUES	US	Issued	May 24, 2016	9346900	14705729
PROCESSES OF PREPARING ESTOLIDE COMPOUNDS THAT INCLUDE REMOVING SULFONATE RESIDUES	US	Pending			15162347
RECLAMATION OF ESTOLIDE BASE OILS FROM COMPOSITIONS COMPRISING IMMISCIBLE COMPONENTS	US	Allowed			14852301
RECLAMATION OF ESTOLIDE BASE OILS FROM COMPOSITIONS COMPRISING IMMISCIBLE COMPONENTS	WO	Pending			PCTUS1549765
REFRIGERATING FLUID COMPOSITIONS COMPRISING ESTOLIDE COMPOUNDS	US	Issued	Aug 7, 2012	8236194	13404903
SULFURIZED ESTOLIDES AND METHODS OF MAKING AND USING THE SAME	US	Issued	Mar 26, 2013	8404867	13368713

# Patent Matters

TITLE	COUNTRY	STATUS	ISSUE DATE	PATENT NUMBER	APPLICATION NUMBER
TWO-CYCLE LUBRICANTS COMPRISING ESTOLIDE COMPOUNDS	US	Pending			P00201602707
TWO-CYCLE LUBRICANTS COMPRISING ESTOLIDE COMPOUNDS	IN	Pending			201637009177
TWO-CYCLE LUBRICANTS COMPRISING ESTOLIDE COMPOUNDS	US	Issued	Jun 14, 2016	9365796	14491261
TWO-CYCLE LUBRICANTS COMPRISING ESTOLIDE COMPOUNDS	US	Pending			15179797
ULTRA-HIGH-VISCOSITY ESTOLIDE BASE OILS AND METHOD OF MAKING THE SAME	US	Pending			15354826
ULTRA-HIGH-VISCOSITY ESTOLIDE BASE OILS AND METHOD OF MAKING THE SAME	WO	Pending			PCTUS1662554

128 results displayed.

**SCHEDULE 2**  
**TRADEMARK REGISTRATIONS AND APPLICATIONS**



**SCHEDULE 2  
TRADEMARK REGISTRATIONS AND APPLICATIONS**

<b><u>Description</u></b>	<b><u>Registration Number</u></b>	<b><u>Registration Date</u></b>
1. LubriGreen	3,994,612	July 12, 2011
2. Biosynthetic	4,573,855	July 22, 2014
3. Where Sustainability & High Performance Converge	4,769,486	July 7, 2015

**SCHEDULE 3**  
**COPYRIGHT REGISTRATIONS AND APPLICATIONS**

**SCHEDULE 3  
COPYRIGHT REGISTRATIONS AND APPLICATIONS**

**None.**