

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNS THE ENTIRE INTEREST AND THE GOODWILL		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
RJ Lee Group, Inc.		05/09/2011	CORPORATION: PENNSYLVANIA
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Delta Energy Holdings, LLC		
<b>Street Address:</b>	350 Hochberg Road		
<b>City:</b>	Monroeville		
<b>State/Country:</b>	PENNSYLVANIA		
<b>Postal Code:</b>	15146		
<b>Entity Type:</b>	CORPORATION: NORTH DAKOTA		
<b>PROPERTY NUMBERS Total: 3</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3409596	D-E BLACK	
<b>Registration Number:</b>	3385945	PHOENIX BLACK	
<b>Registration Number:</b>	3583760	ZEPHYR BLACK	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(412)566-6099		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>			
<b>Phone:</b>	4125662077		
<b>Email:</b>	ipmail@eckertseamans.com		
<b>Correspondent Name:</b>	Arnold B. Silverman		
<b>Address Line 1:</b>	600 Grant Street, 44th Floor		
<b>Address Line 2:</b>	U. S. Steel Tower		
<b>Address Line 4:</b>	Pittsburgh, PENNSYLVANIA 15219		
<b>ATTORNEY DOCKET NUMBER:</b>	287122-00096		
<b>NAME OF SUBMITTER:</b>	Arnold B. Silverman		

OP \$90.00 3409596

**900192615**

**TRADEMARK  
 REEL: 004546 FRAME: 0780**

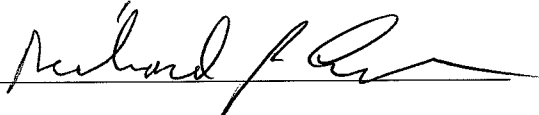
Signature:	/ABS/
Date:	05/24/2011
Total Attachments: 7 source=RJ Lee to Delta Assign#page1.tif source=RJ Lee to Delta Assign#page2.tif source=RJ Lee to Delta Assign#page3.tif source=RJ Lee to Delta Assign#page4.tif source=RJ Lee to Delta Assign#page5.tif source=RJ Lee to Delta Assign#page6.tif source=RJ Lee to Delta Assign#page7.tif	

## INTELLECTUAL PROPERTY ASSIGNMENT

R. J. LEE GROUP, INC. (herein "ASSIGNOR"), a corporation of the state of Pennsylvania, having a place of business at 350 Hochberg Road, Monroeville, Pennsylvania 15146, for good and valuable consideration, receipt of which is hereby expressly acknowledged, hereby expressly assigns to DELTA ENERGY HOLDINGS LLC (hereinafter "ASSIGNEE"), a corporation of the state of North Dakota, having a place of business at 350 Hochberg Road, Monroeville, Pennsylvania 15146, (a) all worldwide right, title and interest in and to the trademark applications and registrations therefor set forth in Exhibit A and (b) all of the issued patents, pending patent applications and patents which may issue therefrom and set forth in Exhibit B hereto and (c) all unfiled upon invention disclosures set forth in Exhibit C hereto.

ASSIGNOR hereby agrees to execute all documents reasonably necessary to perfect transfer of title in any of the foregoing assigned intellectual property.

**R. J. LEE GROUP, INC.**

By 

Title CEO

Commonwealth  
State of Pennsylvania :  
: SS:  
County of Allegheny :

Before me, a Notary Public in and for the said County and State, personally appeared Richard J. Lee, who acknowledges that he/she is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 9th day of May, 2011.

Ann Estes  
Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal  
Ann Estes, Notary Public  
Monroeville Boro, Allegheny County  
My Commission Expires Feb. 15, 2012  
Member, Pennsylvania Association of Notaries

**EXHIBIT A**  
**TRADEMARKS**

- (a) Trademark "D-E BLACK"  
United States Trademark Registration 3,409,596
- (b) Trademark:"PHOENIX BLACK"  
United States Trademark Registration 3,385,945
- (c) Trademark "ZEPHYR BLACK"  
United States Registration 3,583,760
- (d) DESOLV  
Proposed
- (e) D-E OIL  
Proposed
- (f) DEPOLYMERIZATION  
Proposed

## EXHIBIT B

### PENDING AND ISSUED PATENTS

#### UNITED STATES

1. United States Patent Number 6,833,485  
Issued: December 21, 2004  
LOW ENERGY METHOD OF PYROLYSIS OF  
HYDROCARBON MATERIALS SUCH AS RUBBER
2. United States Patent Number 6,835,861  
Issued: December 28, 2004  
LOW ENERGY METHOD OF PYROLYSIS OF  
HYDROCARBON MATERIALS SUCH AS RUBBER  
(Continuation-in-Part)
3. United States Patent Number 7,341,646  
Issued: March 11, 2008  
LOW ENERGY METHOD OF PYROLYSIS OF  
HYDROCARBON MATERIALS SUCH AS RUBBER  
(Divisional)
4. United States Patent Application Serial No. 11/715,162  
Filed: March 7, 2007  
Published: December 13, 2007 (US 2007-0286779)  
METHOD OF DEVOLATILIZING RECYCLED CARBON  
BLACK AND ASSOCIATED METHOD
5. United State Patent Application Serial No. 12/539,171  
Filed August 11, 2009  
Published: January 7, 2010 (US 2010-0003170)  
METHOD OF DEVOLATILIZING RECYCLED CARBON  
BLACK AND ASSOCIATED METHOD (Divisional)

#### FOREIGN

- A. PCT/US01/24899 (corresponds to U.S. No. 2 above)  
LOW ENERGY METHOD OF PYROLYSIS OF  
HYDROCARBON MATERIALS SUCH AS RUBBER
  - (1) Australia – Issued - Patent# 2001281198
  - (2) South Korea – Issued - Patent# 10-0804158
  - (3) China – Issued - Patent# ZL01802708.3
  - (4) Japan – Pending – AP# 2002-519834
  - (5) Brazil – Pending – AP# PI0107096.7

TRADEMARK

REEL: 004546 FRAME: 0785

- B. PCT/US07/66307 (corresponds to U.S. No. 4 above)  
METHOD OF DEVOLATILIZING RECYCLED CARBON  
BLACK AND ASSOCIATED METHOD
- (1) Mexico – Pending – AP# MX/a/2008/013410
  - (2) Canada – Pending – AP# 2649693
  - (3) India – Pending – AP# 8929/DELNP/2008
  - (4) EPO – Pending – AP# 07760380.1

## EXHIBIT C

### PATENT DISCLOSURES

- a. PRODUCTION OF CARBON BLACK CONTAINING TEREPHTHALATE BY LOW TEMPERATURE PYROLYSIS
- b. MODIFIED CURING PROPERTIES OF RUBBER WITH CARBON BLACK CONTAINING TEREPHTHALIC ACID SURFACE MOLECULES
- c. CLASSIFICATION OF MATERIAL DIRECT FROM DELTA ENERGY CATALYTIC LOW ENERGY PYROLYSIS REACTOR
- d. IMPROVED MECHANICAL PROPERTIES OF RUBBER REINFORCED WITH CATALYTIC LOW TEMPERATURE PYROLYSIS CARBON BLACK (D-E BLACK)
- e. OPERATION OF MILLING EQUIPMENT TO PURGE HIGH DENSITY SOLIDS
- f. PHYSICAL SEPARATION OF PYROLYSIS ZONES IMPROVED CURING PROPERTIES OF RUBBER WITH CARBON BLACK CONTAINING TEREPHTHALIC ACID SURFACE MOLECULES
- g. IMPROVED MECHANICAL PROPERTIES OF RUBBER REINFORCED WITH A BENTONITE-CARBON BLACK MIXTURE
- h. IMPROVED MECHANICAL PROPERTIES OF RUBBER REINFORCED WITH CARBON BLACK MODIFIED WITH ZINC COMPOUNDS
- i. REDUCTION OF SULFUR EMISSIONS AND OIL CONTAMINATION BY ZINC SEQUESTRATION IN A CATALYTIC PYROLYSIS PROCESS
- j. PREVENTION OF CARBONACEOUS COKE-LIKE DEPOSITS ON CARBON BLACK PRODUCED BY PYROLYSIS OF RUBBER
- k. PREVENTION OF CARBONACEOUS COKE-LIKE DEPOSITS ON HEATED REACTOR WALLS (FOULING) BY CATALYTIC PYROLYSIS OF RUBBER
- l. SEPARATION OF ZINC SULFIDE AND OTHER INORGANIC CONSTITUENTS FROM PYROLYSIS CARBON BY PROPELLED BLACK IMPACT ON HARD SURFACES FOLLOWED BY AIR CLASSIFICATION

TRADEMARK

REEL: 004546 FRAME: 0787



- m. SEPARATION OF ZINC SULFIDE AND OTHER INORGANIC CONSTITUENTS FROM PYROLYSIS CARBON BY JET MILLING FOLLOWED BY AIR CLASSIFICATION
- n. SEPARATION OF ZINC SULFIDE AND OTHER INORGANIC CONSTITUENTS FROM PYROLYSIS CARBON BY AIR CLASSIFICATION FOLLOWED BY JET MILLING
- o. AUGER-REACTOR PROCESSING SYSTEM TO CHAR AND ABRASE TIRE SHRED HULKS INTO SMALL PARTICLES AS THEY ARE DEVOLATILIZED
- p. OPTIMIZATION OF VOLATILE CONTENT ON RECYCLE BLACK MADE FROM PYROLYSIS OF RECYCLED TIRES
- q. STRIPPING OF VOLATILES FROM RECYCLE BLACK DOWNSTREAM OF REACTOR IN MECHANICALLY AGITATED CONTACTOR
- r. REACT TEREPHTHALIC ACID ABSORBED ON SURFACE OF RECYCLE CARBON BLACK TO MAKE A POLYMERIC COATING
- s. MODIFICATION TO REMOVE TEREPHTHALATE FROM CARBON BLACK PRODUCED THROUGH THE DELTA ENERGY CATALYTIC LOW ENERGY PYROLYSIS PROCESS
- t. MODIFICATION OF CARBON BLACK CONTAINING TEREPHTHALIC ACID FOR IMPROVED REINFORCING PROPERTIES
- u. MODIFICATION OF CARBON BLACK CONTAINING TEREPHTHALIC ACID FOR IMPROVED ELECTRICAL CONDUCTIVITY PROPERTIES
- v. MODIFICATION OF CARBON BLACK CONTAINING TEREPHTHALIC ACID WITH ANALINE DYES AND OTHER CHROMOPHORIC AGENTS
- w. VAPOR EXIT TUBE CLEANING SYSTEM
- x. JET MILL REMOVAL SYSTEM
- y. PARTICULATE MATERIAL STORAGE DELIVERY SYSTEM