

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Maged G. Botros	08/25/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Equistar Chemicals, LP
<b>Street Address:</b>	1221 McKinney Street
<b>Internal Address:</b>	One Houston Center
<b>City:</b>	Houston
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77010
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12218560
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	88-2254A
<b>NAME OF SUBMITTER:</b>	Stephanie Dominguez
<b>Total Attachments: 2</b> source=88-2254A_Executed_Assignment#page1.tif source=88-2254A_Executed_Assignment#page2.tif	

CH \$40.00 12218560

**ASSIGNMENT OF APPLICATION FOR PATENT**

**WHEREAS:**

Names and Address of Inventor:

**Maged G. Botros, 8094 Aster Court, Liberty Township, Ohio 45044 USA**

(hereinafter referred to as ASSIGNOR), has invented and owns a certain invention entitled:

Title of Invention: **MULTI THERMOPLASTIC STRUCTURES WITH IMPROVED TIE LAYERS**

for which application for Letters Patent of the United States has been filed on

Particulars of Application

under Serial No. 13/218,560 and

WHEREAS: EQUISTAR CHEMICALS, LP  
One Houston Center  
1221 McKinney Street  
Houston, Texas 77010  
United States of America

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Full Name of Inventor:

Maged G. Botros  
Maged G. Botros

8/25/2011  
Date