

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shaotian Wang</td> <td>08/30/2007</td> </tr> <tr> <td>Gregory G. Hlatky</td> <td>08/30/2007</td> </tr> <tr> <td>Sebastian Joseph</td> <td>08/30/2007</td> </tr> <tr> <td>Jean A. Merrick-Mack</td> <td>09/01/2007</td> </tr> <tr> <td>Kenneth J. Klug</td> <td>08/30/2007</td> </tr> <tr> <td>Wallace W. Yau</td> <td>08/30/2007</td> </tr> </tbody> </table>		Name	Execution Date	Shaotian Wang	08/30/2007	Gregory G. Hlatky	08/30/2007	Sebastian Joseph	08/30/2007	Jean A. Merrick-Mack	09/01/2007	Kenneth J. Klug	08/30/2007	Wallace W. Yau	08/30/2007
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Equistar Chemicals, LP</td> </tr> <tr> <td>Street Address:</td> <td>1221 McKinney Street</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77010</td> </tr> </table>		Name:	Equistar Chemicals, LP	Street Address:	1221 McKinney Street	City:	Houston	State/Country:	TEXAS	Postal Code:	77010				
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11897438</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11897438										
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CORRESPONDENCE DATA															
Fax Number:	7133094631														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	713-309-7530														
Email:	legal-ip@lyondellbasell.com														
Correspondent Name:	LyondellBasell														
Address Line 1:	1221 McKinney Street														
Address Line 2:	LyondellBasell - Legal Department														
Address Line 4:	Houston, TEXAS 77010														
ATTORNEY DOCKET NUMBER:	88-2148A														

NAME OF SUBMITTER:	Leslie Streeter
Signature:	/Leslie Streeter/
Date:	05/31/2013
<b>Total Attachments: 3</b> source=88-2148A Assignment - Equistar#page1.tif source=88-2148A Assignment - Equistar#page2.tif source=88-2148A Assignment - Equistar#page3.tif	

**ASSIGNMENT OF APPLICATION FOR PATENT**

**WHEREAS:**

**Names and Addresses of Inventors:**

**Shaotian Wang, 7623 Deer Crossing Drive, Mason, Ohio 45040 USA**  
**Gregory G. Hlatky, 6197 Morrow-Rossburg Road, Morrow, Ohio 45152 USA**  
**Sebastian Joseph, 4680 Lakeridge Court, Mason, Ohio 45040 USA**  
**Jean A. Merrick-Mack, 8483 Beckett Pointe Drive, West Chester, Ohio 45069 USA**  
**Kenneth J. Klug, 4657 Orchard Lane, Cincinnati, Ohio 45236 USA**  
**Wallace W. Yau, 12208 Hidden River Lane, Pearland, Texas 77584 USA**

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

**Title of Invention:**

**POLYOLEFIN RESIN BLENDS FOR CRACK-RESISTANT PIPE**

for which application for Letters Patent of the United States has been filed on  
*August 29, 2007*

Particulars of  
Application

under Serial No. 11/897,438 and

**WHEREAS: EQUSTAR 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

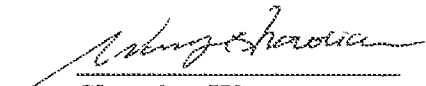
obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

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.

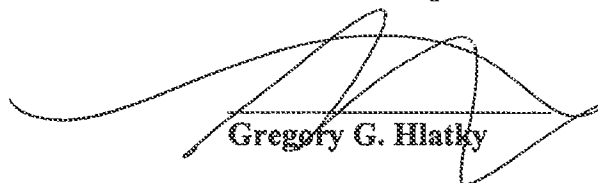
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation 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 Names of Inventor(s):

DATE

  
 \_\_\_\_\_  
 Shaotian Wang

08/30/07

  
 \_\_\_\_\_  
 Gregory G. Hlatky

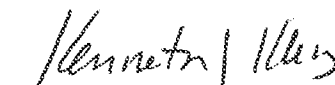
8/30/07

  
 \_\_\_\_\_  
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 \_\_\_\_\_  
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\_\_\_\_\_  
 Wallace W. Yau

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*Wallace W. Yau*  
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*8-30-2007*  
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