

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Robert S Bridges	12/19/2012
RECEIVING PARTY DATA	
Name:	LYONDELL CHEMICAL TECHNOLOGY, L.P.
Street Address:	1221 MCKINNEY STREET, SUITE 700
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77010
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13738631
CORRESPONDENCE DATA	
Fax Number:	7133094631
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7133097200
Email:	legal-IP@lyondellbasell.com
Correspondent Name:	LyondellBasell Industries IP Legal Dept
Address Line 1:	1221 McKinney Street, Suite 700
Address Line 4:	Houston, TEXAS 77010
ATTORNEY DOCKET NUMBER:	HC6688
NAME OF SUBMITTER:	Leslie Streeter
Total Attachments: 2 source=HC6688 Bridges Assignment#page1.tif source=HC6688 Bridges Assignment#page2.tif	

CH \$40.00 13738631

**ASSIGNMENT OF APPLICATION FOR PATENT**

**WHEREAS:**

Name and Address of Inventor:

**Robert S. Bridges, 303 W. Spreading Oaks, Friendswood, Texas 77546, USA**

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

Title of Invention: **STAGED PROPYLENE PRODUCTION PROCESS**

for which application for Letters Patent of the United States has been filed on Jan. 10, 2013.

Particulars of  
Application

under Serial No. 13/738,631 and

**WHEREAS: Lyondell Chemical Technology, L.P.  
LyondellBasell Tower  
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 therefore 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.**

HC6688

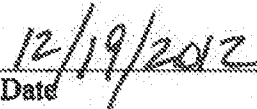
ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

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.

ASSIGNORS grant ASSIGNEE permission to complete the filing date and Serial No. upon receipt of such information, including after signature by ASSIGNORS.

Full Name of Inventor:

  
Robert S. Bridges

  
Date