

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Muin S Haddad</td> <td>12/15/2011</td> </tr> <tr> <td>Robert A. Gustafarro</td> <td>12/02/2011</td> </tr> </tbody> </table>		Name	Execution Date	Muin S Haddad	12/15/2011	Robert A. Gustafarro	12/02/2011				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>INEOS USA LLC</td> </tr> <tr> <td>Street Address:</td> <td>3030 Warrenville Rd., S/650</td> </tr> <tr> <td>City:</td> <td>Lisle</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>60532</td> </tr> </table>		Name:	INEOS USA LLC	Street Address:	3030 Warrenville Rd., S/650	City:	Lisle	State/Country:	ILLINOIS	Postal Code:	60532
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (630)857-7328</p> <p>Phone: 630 857 7151</p> <p>Email: David.Yusko@ineos.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: David P. Yusko</p> <p>Address Line 1: 3030 Warrenville Rd., S/650</p> <p>Address Line 4: Lisle, ILLINOIS 60532</p>											
ATTORNEY DOCKET NUMBER:	50057										
NAME OF SUBMITTER:	David P. Yusko										
<p>Total Attachments: 3</p> <p>source=assign_001#page1.tif</p> <p>source=assign_001#page2.tif</p> <p>source=assign_001#page3.tif</p>											

PATENT

ASSIGNMENT

In consideration of the Assignee to Assignor for good and valuable consideration, the undersigns;

1. **Muin S. Haddad; 30W271 Country Lakes Drive; Naperville, IL 60563;**
2. **Robert A. Gustaferrero; 547 Flock Avenue, Naperville, IL 60565.**

hereby assign, and transfer unto **INEOS USA LLC**, a corporation of **State of Delaware**, having an office and place of business at **3030 Warrenville Road, Suite 650, Lisle, Illinois 60532**, or its nominee and the successors, assigns, and legal representative of the Assignee or its nominee, the whole right, title and interest in and to a certain invention or improvement in

**"IMPROVED CATALYST FOR n-BUTANE OXIDATION
TO MALEIC ANHYDRIDE"
Application Number: 13/317,656**

disclosed in an application for Letters Patent of the United States. Therefore, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and bears case No. 50,057 and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention, and application or applications resulting therefrom or improvements to said **INEOS USA LLC or its nominee** as assigned of the entire right, title, and interest.

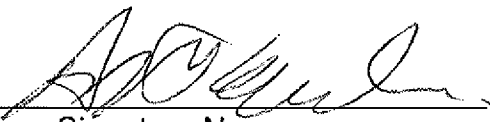
For the same consideration, we hereby agree that I will promptly communicate to the aforesaid Assignee or its nominee or assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said Assignee or its nominee or assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said

Assignees, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

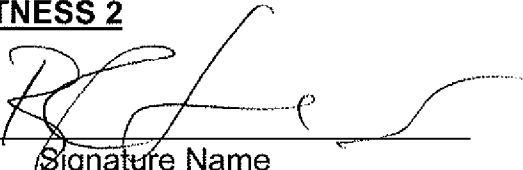
We authorize our attorneys, David P. Yusko (Reg. No. 30,817); James P. Krueger (34,234); James J. Drake (34,584); and Vik Panchal (53,949) to insert on this assignment the filing date and the serial number of said application when known.

DATE: December 15, 2011 Mu'in S. Haddad
Mu'in S. Haddad

WITNESS 1

 12-15-11
Signature Name Date
ASHESH KALWAR
Print Name

WITNESS 2

 12-15-11
Signature Name Date
B. C. SUTRADHAR
Print Name

DATE: 12/2/11 Robert Gustaf
Robert Gustaf

WITNESS 1

Louis A. Trott 12/2/11
Signature Name Date

LOUIS A. TROTT
Print Name

WITNESS 2

Dana M. Hall 12/2/11
Signature Name Date

DANA M. HALL
Print Name