

Form PTO-1595 (Rev. 03-11)
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RECORDATION FORM COVER SHEET PATENTS ONLY

50,016

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

1. Charles J. Besecker
2. Bhagya Chandra Sutradhar
3. Mark A. Toft
4. James F. Brazdil
5. Muin S. Haddad

6. Christos Paparizos
7. Michael J. Seely

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) See Attached

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: INEOS USA LLC

Internal Address: _____

Street Address: 3030 Warrenville Rd., S/650

City: Lisle

State: IL

Country: USA Zip: 60532

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/737,604

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: David P. Yusko

Internal Address: INEOS USA LLC

Street Address: 3030 Warrenville Rd., S/650

City: Lisle

State: IL Zip: 60532

Phone Number: 630 857 7151

Fax Number: 630 857 7328

Email Address: David.Yusko@Ineos.com

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-3573

Authorized User Name David P. Yusko

9. Signature:

David P. Yusko
Signature

6/17/11
Date

DAVID P. YUSKO
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 10

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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CH \$40.00 503573 12737604

Recordation For Cover Sheet

PATENTS ONLY – Patent Appln. No. 12/737,604

3. Nature of conveyance/Execution Date(s):

☒ Assignment

Execution Dates(s)

1. Charles J. Besecker – 24 May 2011
2. Bhagya Chandra Sutradhar – 24 May 2011
3. Mark A. Toft – 2 June 2011
4. James F. Brazdil – 2 June 2011
5. Muin S. Haddad – 24 May 2011
6. Christos Paparizos – 1 June 2011
7. Michael J. Seely – 2 June 2011

FN: 50,016

ASSIGNMENT

In consideration of the Assignees to Assignors for good and valuable consideration, the undersigns;

1. Charles J. Besecker; 1392 Spencer Lane; Batavia, IL 60510
2. Bhagya Chandra Sutradhar; 1010 Meadowridge Drive; Aurora, IL 60504;
3. Mark A. Toft; 2545 No. 46th Road; Somonauk, IL 60552;
4. James F. Brazdil; 22 W. 061 Marston Ave.; Glen Ellyn, IL 60137;
5. Muin S. Haddad; 30W271 Country Lakes Drive; Naperville, IL 60563;
6. Christos Paparizos; 5750 Hartshire Drive; Willoughby, OH 44094;
7. Michael J. Seely; 1401 Bridgehampton Drive; Plainfield, IL 60586.

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

**"METHOD OF MAKING MIXED METAL OXIDE CATALYSTS
FOR AMMOXIDATION AND/OR OXIDATION OF
LOWER ALKANE HYDROCARBONS"
Application Number: 12/737,604**

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. 50060, 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.

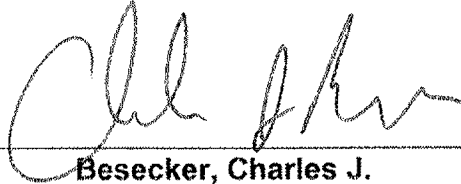
We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention, and application or applications resulting therefrom or improvements to said **INEOS USA LLC or its nominee** as assigned of the entire right, title, and interest.

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 J. Drake (34,584), James P. Krueger (35,234), and Vik Panchal (53,949) to insert on this assignment the filing date and the serial number of said application when known.

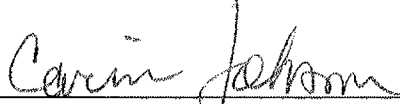
DATE:

24 May 2011Besecker, Charles J.**WITNESS 1**
Signature Name5/24/11
DateCarin Johnson
Print Name**WITNESS 2**
Signature Name5-24-11
DateJeffrey G. Marchetti
Print Name

FN: 50,016

DATE: May 24, 2011Bhagya Chandra Sutradhar
Bhagya Chandra Sutradhar**WITNESS 1**Theodora Triggs
Signature NameMay 24, 2011
DateTHEODORA TRIGGS
Print Name**WITNESS 2**Vik Panchal
Signature NameMay 24, 2011
DateVIK PANCHAL
Print Name

FN: 50,016

DATE: June 2, 2011Mark A. Toft**WITNESS 1**Signature Name6/2/11DateCarin JohnsonPrint Name**WITNESS 2**Signature Name6/2/11DateHOYT C. GRIFFIN IIIPrint Name

FN: 50,016

DATE: 2 June 2011
James F. Brazdil**WITNESS 1**
Signature Name6/2/11
DateCarin Johnson
Print Name**WITNESS 2**
Signature Name6/2/11
DateHoyt C. Griffin III
Print Name

FN: 50,016

DATE: May 24, 2011 Mu'in S. Haddad
Mu'in S. Haddad

WITNESS 1

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Signature Name Date
Carin Johnson
Print Name

WITNESS 2

J. J. Marchetti 5-24-11
Signature Name Date
Jeffrey G. Marchetti
Print Name

FN: 50,016

DATE: June 1, 2011 Christos Paparizos
Christos Paparizos

WITNESS 1

Irene Paparizos
Signature Name

June 1, 2011
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Michael J. Seely

WITNESS 1

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Signature Name Date
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WITNESS 2

 6/2/11
Signature Name Date
Hoyt C. Griffin III
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