

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>Peter S. Bell</td> <td>04/06/2012</td> </tr> <tr> <td>Ching-Whan Ko</td> <td>03/26/2012</td> </tr> <tr> <td>Julien Eyraud</td> <td>03/26/2012</td> </tr> <tr> <td>Bernard Descales</td> <td>03/25/2012</td> </tr> <tr> <td>Joseph Golab</td> <td>04/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Peter S. Bell	04/06/2012	Ching-Whan Ko	03/26/2012	Julien Eyraud	03/26/2012	Bernard Descales	03/25/2012	Joseph Golab	04/04/2012
Name	Execution Date												
Peter S. Bell	04/06/2012												
Ching-Whan Ko	03/26/2012												
Julien Eyraud	03/26/2012												
Bernard Descales	03/25/2012												
Joseph Golab	04/04/2012												
RECEIVING PARTY DATA													
Name:	INEOS BIO SA												
Street Address:	Avenue Des Uttins 3												
City:	Rolle												
State/Country:	SWITZERLAND												
Postal Code:	1180												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13427193</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13427193								
Property Type	Number												
Application Number:	13427193												
CORRESPONDENCE DATA													
Fax Number:	(630)857-7328												
Phone:	630 857 7174												
Email:	James.Krueger@ineos.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	James P. Krueger												
Address Line 1:	3030 Warrenville Rd., S/650												
Address Line 4:	Lisle, ILLINOIS 60532												
ATTORNEY DOCKET NUMBER:	50051												
NAME OF SUBMITTER:	James P. Krueger												

CH \$40.00 13427193

Total Attachments: 6

source=ASSIGN051_001#page1.tif

source=ASSIGN051_001#page2.tif

source=ASSIGN051_001#page3.tif

source=ASSIGN051_001#page4.tif

source=ASSIGN051_001#page5.tif

source=ASSIGN051_001#page6.tif

ASSIGNMENT

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

1. **Peter S. Bell; 379 Polo Drive; Fayetteville, AR 72703;**
2. **Ching-Whan Ko; 1245 Mission Blvd., Fayetteville, AR 72701;**
3. **Joseph Golab; 31 Winthrop New Road; Sugar Grove, IL 60554;**
4. **Bernard Descales; 127 rue Jaubert; 113005 Marseille, France;**
5. **Julien Eyraud; Boulevard de la Signore; 13700 Marignane, France.**

hereby assign, and transfer unto **INEOS BIO SA**, a **Swiss Company**, having an office and place of business at **Avenue Des Uttins 3, 1180 Rolle, Switzerland**, 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

"APPARATUS AND METHODS FOR TAR REMOVAL FROM SYNGAS"
Application Number: 13/427,193

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. 50,051 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 BIO SA or its nominee** as assigned of the entire right, title, and interest.

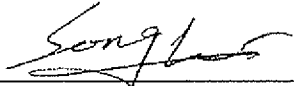
For the same consideration, we hereby agree that I will promptly communicate to the aforesaid Assignee or its nominee or assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said 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: 4/6/12 
Peter Bell

WITNESS 1


Signature Name
SONG LIU
Print Name

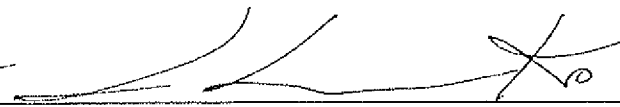
04-06-12
Date

WITNESS 2


Signature Name
KIM OCHEMA
Print Name

4/6/12
Date

FN: 50,051

DATE: 3-26-2012 
Ching-Whan Ko

WITNESS 1


Signature Name

3-26-2012
Date

Sheila M. Sarum
Print Name

WITNESS 2

Vania Earp
Signature Name

3-26-12
Date

Vania Earp
Print Name

DATE: March 26th, 2012

J. Eyraud
Julien Eyraud

WITNESS 1

A. LE GALL
Signature Name

March 26th, 2012
Date

A. LE GALL
Print Name

WITNESS 2

G. BUADES
Signature Name

March 26th, 2012
Date

G. BUADES
Print Name

J. Eyraud
March 26th, 2012

DATE: 25th March 2012 Bernard Descales
Bernard Descales

WITNESS 1

N. Bruggeman
Signature Name

25th March 2012
Date

BRUGGEMAN
Print Name

WITNESS 2

Ronchi Ni
Signature Name

26th March 2012
Date

RONCHI Ni
Print Name

FN: 50,051

DATE: 4/4/2012 _____
Joseph Golab
Joseph Golab

WITNESS 1

Charles J. Bessecker
Signature Name

4-4-2012
Date

Charles J. Bessecker
Print Name

WITNESS 2

M. C. Cera
Signature Name

4/4/2012
Date

Mart. C. Cera
Print Name