

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2739220

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>KAREEMUDDIN M. SHAIK</td> <td>01/30/2014</td> </tr> <tr> <td>WEI XU</td> <td>02/09/2014</td> </tr> <tr> <td>THAMER MOHAMMED</td> <td>01/30/2014</td> </tr> <tr> <td>HASSAN BABIKER</td> <td>01/30/2014</td> </tr> <tr> <td>GAUTAM TAVANAPPA KALGHATGI</td> <td>02/02/2014</td> </tr> </tbody> </table>		Name	Execution Date	KAREEMUDDIN M. SHAIK	01/30/2014	WEI XU	02/09/2014	THAMER MOHAMMED	01/30/2014	HASSAN BABIKER	01/30/2014	GAUTAM TAVANAPPA KALGHATGI	02/02/2014
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<table border="1"> <tr> <td>Name:</td> <td>SAUDI ARABIAN OIL COMPANY</td> </tr> <tr> <td>Street Address:</td> <td>1 EASTERN AVENUE</td> </tr> <tr> <td>City:</td> <td>DHAHRAN</td> </tr> <tr> <td>State/Country:</td> <td>SAUDI ARABIA</td> </tr> <tr> <td>Postal Code:</td> <td>31311</td> </tr> </table>		Name:	SAUDI ARABIAN OIL COMPANY	Street Address:	1 EASTERN AVENUE	City:	DHAHRAN	State/Country:	SAUDI ARABIA	Postal Code:	31311		
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Application Number:	14103439												
CORRESPONDENCE DATA													
Fax Number:	(914)288-0023												
Phone:	914-288-0022												
Email:	uspto@leasonellis.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	LEASON ELLIS LLP												
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ATTORNEY DOCKET NUMBER:	00501/003529-US0												
NAME OF SUBMITTER:	EDWARD J. ELLIS												

PATENT

Signature:	/edward j. ellis/
Date:	02/24/2014
Total Attachments: 3 source=01133496#page1.tif source=01133496#page2.tif source=01133496#page3.tif	

**ASSIGNMENT**

I, KAREEMUDDIN M. SHAIK, having a residence of Dhahran, Saudi Arabia;

I, WEI XU, having a residence of Dhahran, Saudi Arabia;

I, THAMER MOHAMMED, having a residence of Dhahran, Saudi Arabia;

I, HASSAN BABIKER, having a residence of Dhahran, Saudi Arabia; and

I, GAUTAM TAVANAPPA KALGHATGI, having a residence of Dhahran, Saudi Arabia;

(hereinafter "ASSIGNORS") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNORS by

Saudi Arabian Oil Company

a Corporation having a place of business at 1 Eastern Avenue, Dhahran 31311, Saudi Arabia (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **throughout the world** in and to my Invention entitled:

**Two-Step Process for Production of RON-enhanced Mixed Butanols and Diisobutenes**

invented by me and described in Patent Application No. 14/103,439, filed December 11, 2013, in the United States of America; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

{00501/003529-US0/01108950.1}1

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

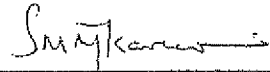
And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

{00501/003529-US0/01108950.1}2

Dated: 30/1/2014

  
KAREEMUDDIN M. SHAIK,  
Inventor

Dated: 29/02/2014

  
WEI XU, Inventor

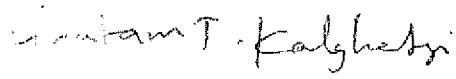
Dated: 30/1/2014

  
THAMER MOHAMMED,  
Inventor

Dated: 30/01/2014

  
HASSAN BABIKER, Inventor

Dated: 2 Feb 2014

  
GAUTAM TAVANAPPA  
KALGHATGI, Inventor

{00501/003529-US0/01108950.1}3