

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHAKEEL AHMED	09/07/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS
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<b>City:</b>	DHAHRAN
<b>State/Country:</b>	SAUDI ARABIA
<b>Postal Code:</b>	31261
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13938376
<b>PCT Number:</b>	US2014044375
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	RALPH J. CRISPINO
<b>SIGNATURE:</b>	/Ralph J. Crispino/
<b>DATE SIGNED:</b>	02/24/2015
<b>Total Attachments: 2</b>	
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## UNITED STATES

## ASSIGNMENT FROM INVENTOR

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Assignor:

Shakeel AHMED - P.O. Box 807, King Fahd University of Petroleum and Minerals, Dhahran 31261, Saudi Arabia hereby sells, assigns and transfers to Assignee:

KING FAHD UNIVERSITY of PETROLEUM AND MINERALS  
P.O. Box 5041  
Dhahran 31261  
Saudi Arabia

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all countries foreign to the United States, in and to any and all improvements which are disclosed in

(a) US Patent Application Serial No. 13/938,376 filed July 10, 20113; and

(b) International Patent Application Serial No. PCT/US2014/044375 filed June 26, 2014

and entitled **CATALYST AND PROCESS FOR THERMO-NEUTRAL REFORMING OF LIQUID HYDROCARBONS**

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and in all countries foreign to the United States on said improvements.

The Assignee may apply for and receive the Patent Certificate in its own name. When requested by the Assignee or its successors, the undersigned Assignors will execute all other patent applications, proper declarations and oaths, assignments, powers of attorney, or other papers, and communicate all facts known to him/her relating to the improvements and the history thereof; and generally do everything possible which the Assignee or its successors shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title in the Assignee or its successors.


Each of the Assignors warrant that he/she has the full right to convey the rights and property described herein and no assignment, grant, mortgage or license, or other agreement affecting such rights and property has been made to another by the undersigned.

Dated: 7 Sep., 2014

ASSIGNOR  
By   
Shakeel AHMED

The undersigned declares that he (she) was personally present and did see the above-named individual execute this Assignment of his /her own free will for the purposes set forth herein.

Dated: 7 Sep. 2014

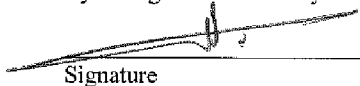
By 

Name Mutaz "Mohammed Ali" Humdan  
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ASSIGNEE

Dated: 7 Sep., 2014

By: King Fahd University of Petroleum and Minerals

  
\_\_\_\_\_  
Signature

Dr. Iyad Alzaharnah  
\_\_\_\_\_  
Printed Name of Signor

Director, Innovation Center  
\_\_\_\_\_  
Title/Authority of Signor

The undersigned declares that he (she) was personally present and did see the above-named individual execute this Assignment of his (her) own free will for the purposes set forth herein.

By fasz  
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