

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4767598

|   |                               |
|---|-------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                    |
| <b>CONVEYING PARTY DATA</b>   |                               |
| <b>Name</b>   | <b>Execution Date</b>         |
| MOHAMMED SAEED AL-GHAMDI  | 12/05/2017                    |
| BADER BAHAMMAM  | 11/29/2017                    |
| NAIF AL OSAIMI  | 11/29/2017                    |
| SAMI BARNAWI  | 11/29/2017                    |
| <b>RECEIVING PARTY DATA</b>   |                               |
| <b>Name:</b>  | SAUDI ARABIAN OIL COMPANY     |
| <b>Street Address:</b>  | BOX 5000                      |
| <b>City:</b>  | DHAHRAN                       |
| <b>State/Country:</b>   | SAUDI ARABIA                  |
| <b>Postal Code:</b>   | 31311                         |
| <b>PROPERTY NUMBERS Total: 2</b>  |                               |
| <b>Property Type</b>  | <b>Number</b>                 |
| <b>Application Number:</b>  | 15817133                      |
| <b>PCT Number:</b>  | US2017062575                  |
| <b>CORRESPONDENCE DATA</b>  |                               |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 215,409/SA3106                |
| <b>NAME OF SUBMITTER:</b>   | RALPH J. CRISPINO             |
| <b>SIGNATURE:</b>   | /Ralph J. Crispino/           |
| <b>DATE SIGNED:</b>   | 01/09/2018                    |
| <b>Total Attachments: 2</b>   |                               |
| source=215409_Assignment#page1.tif  |                               |



## UNITED STATES

## ASSIGNMENT FROM INVENTORS

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

Mohammed Saeed Al-Ghamdi - Eastern Province, Dammam, Saudi Arabia

Bader Bahammam - Al Qusaibi, Dammam, Saudi Arabia

Naif Al Osaimi - Al Qadisiya, Dammam, Saudi Arabia

Sami Barnawi - Taybah, Dammam, Saudi Arabia

hereby sells, assigns and transfers to Assignee:

Saudi Arabian Oil Company

Box 5000

Dhahran 31311

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. 13/817,133 filed 17 November 2017 and

(b) International Patent Application Serial No. PCT/US2017/062575 filed 20 November 2017

and entitled **PROCESS AND SYSTEM FOR CONVERSION OF CRUDE OIL TO PETROCHEMICALS AND FUEL PRODUCTS INTEGRATING VACUUM RESIDUE HYDROPROCESSING**

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Patent which have been or shall be filed in the United States and all other countries foreign to the United States on 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.

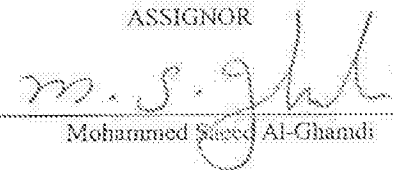
The Assignee may apply for and receive the Patent Certificate in its own name. When requested by the Assignee or its successors, the undersigned Assignors will execute all other patent applications, proper declarations and oaths, assignments, powers of attorney, or other papers, and communicate all facts 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 hereby authorizes a patent attorney responsible for this application to complete this Assignment by the entry of the application number, application filing date, and attorney docket number, if necessary.

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.

ASSIGNOR

Dated: Dec 5, 2017

By   
Mohammed Saeed Al-Ghamdi

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: DEC 5, 2017

By 

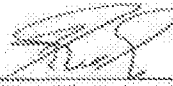
Name Bader A. Bahammam

Address Saudi Arabian Oil Company

Dhahran 3011, Saudi Arabia


ASSIGNOR

Dated: Nov. 29, 2017

By   
Bader Bahammam


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: Nov. 29, 2017

By   
Name Renad A. Ismail  
Address Saudi Arabian Oil Company  
Dhahran 31311, Saudi Arabia


ASSIGNOR

Dated: Nov 29, 2017

By   
Naif Al Otaimi


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: Nov. 29, 2017

By   
Name Renad A. Ismail  
Address Saudi Arabian Oil Company  
Dhahran 31311, Saudi Arabia


ASSIGNOR

Dated: 29. Nov, 2017

By   
Sami Barnawi

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: Nov. 29, 2017

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