

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5423866

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HANADI H. JAWAD	10/28/2018
RECEIVING PARTY DATA		
Name:	SAUDI ARABIAN OIL COMPANY	
Street Address:	BOX 5000	
City:	DHAHRAN	
State/Country:	SAUDI ARABIA	
Postal Code:	31311	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15639522
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	215,285	
NAME OF SUBMITTER:	RALPH J. CRISPINO	
SIGNATURE:	/Ralph J. Crispino/	
DATE SIGNED:	03/15/2019	
Total Attachments: 2		
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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:

Omer Refa KOSEOGLU - P.O. Box 8560, Saudi Aramco, Dhahran 31311, Saudi Arabia
 Adnan AL-HAJJI - P.O. Box 5091, Saudi Aramco, Dhahran 31311, Saudi Arabia
 Hendrik MULLER - P.O. Box 832, Saudi Aramco, Dhahran 31311, 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

US Patent Application Serial No. 15/639,522 filed June 30, 2017

and entitled **CHARACTERIZATION OF CRUDE OIL BY FOURIER TRANSFORM ION CYCLOTRON
 RESONANCE MASS SPECTROMETRY**

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: 01-17, 2017

By [Signature]
 Omer Refa KOSEOGLU

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: 18th January, 2018

By [Signature]
 Name ROBERT HOOGLINS
 Address PO Box 10981, DHAMRAN
31311, SAUDI ARABIA

ASSIGNOR

Dated:

1/17/2018
2017

By

Adnan AL-HAJI
Adnan AL-HAJI

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:

By

Name

Address

Sarot Kumar Panda
SAROT KUMAR PANDA
61605, DHAHRAN
31311, SAUDI ARABIA

ASSIGNOR

Dated:

4/23/2018
2017

By

Hendrik MULLER
Hendrik MULLER

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:

04/23/2018
2018

By

Name

Address

Sarot Kumar Panda
SAROT KUMAR PANDA
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