503077377 11/26/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OMER REFA KOSEOGLU	11/15/2014
ADNAN AL-HAJJI	11/15/2014
FREDERICK MARIE ADAM	11/15/2014

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:	13397312

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 211.982 NAME OF SUBMITTER: RALPH J. CRISPINO SIGNATURE: /Ralph J. Crispino/ **DATE SIGNED:** 11/26/2014

Total Attachments: 1

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PATENT REEL: 034267 FRAME: 0681 503077377

AFS: 211,982

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:

Omer Refa KOSEOGLU - P.O. Box 8560, Saudi Aramco, Dhahran 31311, Saudi Arabia Adnan AL-HAJJI - P.O. Box 05091, Saudi Aramco, Dhahran 31311, Saudi Arabia Frederick Marie ADAM - P.O. Box 14025, Saudi Aramco, Dhahran 31311, Saudi Arabia

hereby sells, assigns and transfers to Assignee:

Saudi Arabian Oil Box 5000 Dhahran 31311 Saudi Arabia

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

United States Patent Application Serial No. 13/397,312 filed February 15, 2012

and entitled:

CHARACTERIZATION OF CRUDE OIL BY SIMULATED DISTILLATION

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

The Assignee may apply for and receive the Letters Patent in its own name. When requested by the Assignee or its successors, the undersigned Assignor(s) will execute all other patent applications, proper 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.

Assignor warrants 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 other by the undersigned.

ASSIGNOR

Dated: 11-15-2014

Omer Refa KOSEOGLU

Dated: 11-15-2014

By Almon Maria

Dated: 11-15-2014

RECORDED: 11/26/2014

Frederick Marie ADAM

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.

ABELMAN, FRAYNE & SCHWAB 666 Third Avenue New York, New York 10017-5621 By DAVID MCMILLIAN

Name P_{AVID} Mc MILIANAddress P_{AVID} P_{AVI

DHAHRAN 31311, SAUDI ARABIA

PATENT

REEL: 034267 FRAME: 0682