

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ABDENNOUR BOURANE	03/12/2015
RAHEEL SHAFI	09/21/2015
ESSAM SAYED	03/12/2015
IBRAHIM A. ABBA	03/30/2015
ABDUL RAHMAN ZAFER AKHRAS	03/12/2015
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:	13865050
CORRESPONDENCE DATA	
Fax Number:	(212)949-9190
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Address Line 2:	ABELMAN, FRAYNE & SCHWAB
Address Line 4:	NEW YORK, NEW YORK 10017
ATTORNEY DOCKET NUMBER:	212,760-SA325
NAME OF SUBMITTER:	RALPH J. CRISPINO
SIGNATURE:	/RALPH J. CRISPINO/
DATE SIGNED:	09/30/2015
Total Attachments: 2	

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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:

- Abdenmour BOURANE - P.O. Box 1634, Saudi Aramco, Ras Tanura 31311, Saudi Arabia
- Raheel SHAFI - P.O. Box 8925, Saudi Aramco, Dhahran 31311, Saudi Arabia
- Essam Sayed - P.O. Box 12474, Saudi Aramco, Dhahran 31311, Saudi Arabia
- Ibrahim A. ABBA - P.O. Box 14043, Saudi Aramco, Dhahran 31311, Saudi Arabia
- Abdul Rahman Zafer AKHRAS - P.O. Box 11217, 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 foreign countries, in and to, and any and all improvements which are disclosed in

Application for Letters Patent Serial No. 13/865,050 Filed April 17, 2013
and entitled INTEGRATED HYDROTREATING, SOLVENT DEASPHALTING AND STEAM PYROLYSIS
PROCESS FOR DIRECT PROCESSING OF A CRUDE OIL

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: 03/12, 2015 By [Signature]
Abdenmour BOURANE

Dated: _____, 2014 By _____
Raheel SHAFI

Dated: 3/12, 2015 By [Signature]
Essam SAYED

Dated: 3/30, 2015 By [Signature]
Ibrahim A. ABBA

Dated: 3/12, 2015 By [Signature]
Abdul Rahman Zafer AKHRAS

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 [Signature]
Name Zainab Alkithan
Address Alpharrah Alhasa

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

Saudi Aramco: Confidential

UNITED STATES
ASSIGNMENT FROM INVENTOR

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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: _____, 2015 By _____
Abdenmour BOURANE

Dated: 21 Sept, 2015 By Raheel Shafi
Raheel SHAFI

Dated: _____, 2015 By _____
Essam SAYED

Dated: _____, 2015 By _____
Ibrahim A. ABBA

Dated: _____, 2015 By _____
Abdul Rahman Zafer AKHRAS

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 _____

Name _____

Address _____

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New York, New York 10017-5621

PATENT