502587226 12/02/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2633367

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			JOINT PATENT RIGHT			
CONVEYING PART	/ DATA					
		N	ame		Execution Date	1
SAUDI ARABIAN OIL COMPANY					10/30/2013	<u>j</u>
RECEIVING PARTY	DATA					
Name: ARAMCO SERVICES COMPANY						
Street Address:	9009 W LOOP S FWY]
City:	HOUSTON	HOUSTON				
State/Country:	TEXAS	TEXAS				
Postal Code:	77096	77096				
Application Number:		60638533				1
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PCT Number:		US054	220			
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CORRESPONDENC						<u> </u>
CORRESPONDENC	(212	US054 2)949-91	90			
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12/02/2013

Total Attachments: 2

Date:

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REEL: 031748 FRAME: 0087

ASSIGNMENT OF JOINT PATENT RIGHT

THIS ASSIGNMENT, effective the 1st day of December 2005 by and between Saudi Arabian Oil Company, a company formed by Royal Decree of the King of Saudi Arabia with its principal office in Dhahran, Saudi Arabia (hereinafter referred to as Assignor), and Aramco Services Company, a corporation of the State of Delaware and a wholly-owned subsidiary of Assignor, having its principal office in Houston, Texas, United States of America, (hereinafter referred to as Assignee).

WHEREAS Assignor is the owner of the entire right, title and interest in and to the discovery, improvement and invention disclosed in:

U.S. patent application Serial No. 60/638,533 filed 23 December 2004 and PCT/US2005/047220 filed 23 December 2005,

both entitled:

"Thermo-Neutral Reforming of Petroleum-Based Liquid Hydrocarbons" which are hereinafter collectively referred to as "the Invention".

NOW, THEREFORE, in consideration of the sum of One Hundred Euros (€100) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the Assignee its successors, legal representatives and assigns, as of the effective date recited above, an undivided one percent (1.0%) joint interest of its interest in, to and under the Invention, including the right to join in the filing of any national, regional and/or international applications claiming priority to the Invention.

AND ASSIGNOR hereby covenants that it has full right to convey its joint interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith.

PATENT REEL: 031748 FRAME: 0088

IN WITNESS WHEREOF the Assignor and Assignee have caused their respective duly authorized officers to indicate their consent to this assignment.

Aramco Services Company

Corporate Secretary

Saudi Arabian Oil Company

Corporate Secretary

Date: 30TH OCTOBER, 2013 Place: Dhahran, Saudi Arabia