504870686 04/16/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4917426

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FOUAD M. ALKHABBAZ	03/13/2018
OSAMA BAKUR BAHWAL	03/24/2018

RECEIVING PARTY DATA

Name:	SAUDI ARABIAN OIL COMPANY	
Street Address:	1 EASTERN AVENUE	
City:	DHAHRAN	
State/Country:	SAUDI ARABIA	
Postal Code:	31311	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15923370

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

Email: apsi@fr.com

Correspondent Name: FISH & RICHARDSON P.C.

Address Line 1: P.O. BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	38136-0477001	
NAME OF SUBMITTER:	SUSAN C. JOHNSON	
SIGNATURE:	/Susan C. Johnson/	
DATE SIGNED:	04/16/2018	

Total Attachments: 2

source=38136-0477001_Assignment#page1.tif source=38136-0477001_Assignment#page2.tif

PATENT 504870686 REEL: 045951 FRAME: 0098

Attorney Docket No.: 38136-0477001 / SA7470

ASSIGNMENT

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and

Assignment Page 1 of 3

Attorney Docket No.: 38136-0477001 / SA7470

declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Fouad M. Alkhabbaz

Osama Bakur Bahwal

Date: Tuesday 13th of Newch 2018

Date: 03-/4-2018