#### 503623878 12/22/2015

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3670509

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SAMI EL FERIK	10/17/2015
MOHAMMED ABDEEN MOHAMMED HASSAN	11/03/2015
ZAID JAMAL ALBARGHOUTHI	11/16/2015
MOHAMMED SABIH	10/17/2015
MUSTAFA AL-NASER	09/29/2015
MOHAMMED MAHMOUD ABD EL SAMIE MOHAMED ALI	09/29/2015

#### **RECEIVING PARTY DATA**

Name:	KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS	
Street Address:	P.O. BOX 5041, INTELLECTUAL ASSETS OFFICE, INNOVATION CENTER	
City:	DHAHRAN	
State/Country:	SAUDI ARABIA	
Postal Code:	31261	
Name:	YOKOGAWA SAUDI ARABIA COMPANY	
Name: Street Address:	YOKOGAWA SAUDI ARABIA COMPANY P.O. BOX 3368	
Street Address:	P.O. BOX 3368	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14978607

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)413-2220

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.

Phone: (703) 413-3000
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Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	441563US8X	
NAME OF SUBMITTER:	EMEL HASAN	
SIGNATURE:	/Emel Hasan/	
DATE SIGNED:	12/22/2015	
This document serves as an Oath/Declaration (37 CFR 1.63).		

#### **Total Attachments: 6**

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### DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of Invention	A PNEUMATIC VALVE SYSTEM, METHOD FOR CONTROLLING AN ACTUATOR IN A PNEUMATIC VALVE SYSTEM, AND NON-TRANSITORY COMPUTER READABLE MEDIUM
As the below name	d inventor, I hereby declare that:
This declaration 🗵	The attached application, or
is directed to:	United States application or PCT international application number filed on
The above-identifie	ed application was made or authorized to be made by me.
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(hereinafter referre Office, Innovation respectively are de-	King Fahd University of Petroleum and Minerals and (2) Yokogawa Saudi Arabia Company do to as "ASSIGNEES") having places of business at: (1) P.O. Box 5041, Intellectual Assets Center, Dhahran 31261, Saudi Arabia and (2) P.O. Box 3368, Al-Khobar 31952, Saudi Arabia, sirous of jointly acquiring interests in the entire right, title and interest in and to said invention and are Patent that may be granted therefore in the United States and its territorial possessions and in countries;
acknowledged, and said ASSIGNEES, and in all foreign of other relevant Inte- interest in and to	FORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby if for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial and any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof.
any and all foreign assignees of my e their successors ar	ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the ntire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEES, and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and the would have been held by me had this Assignment and sale not been made.
respecting said in continuation, substall of said Letters possible to aid sa	e that I will communicate to said ASSIGNEES or their representatives any facts known to me evention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, titute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything id ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said nited States and its territorial possessions and in any and all foreign countries.
by fine or imprisor	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.
LEGAL NAME O	
Inventor: Sami E	
Signature:	Comelfort.

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of	A PNEUMATIC VALVE SYSTEM, METHOD FOR CONTROLLING AN		
Invention	ACTUATOR IN A PNEUMATIC VALVE SYSTEM, AND NON-TRANSITORY		
A a the heless mane	COMPUTER READABLE MEDIUM d inventor, I horeby declare that:		
This declaration	The attached application, or		
is directed to:	is directed to: United States application or PCT international application number filed on		
The above-identifie	ed application was made or authorized to be made by me.		
I believe that I am	the original inventor or an original joint inventor of a claimed invention in the application.		
(hereinafter referre Office, Innovation respectively are de-	King Fahd University of Petroleum and Minerals and (2) Yokogawa Saudi Arabia Company ed to as "ASSIGNEES") having places of business at: (1) P.O. Box 5041, Intellectual Assets Center, Dhahran 31261, Saudi Arabia and (2) P.O. Box 3368, Al-Khobar 31952, Saudi Arabia, sirous of jointly acquiring interests in the entire right, title and interest in and to said invention and ers Patent that may be granted therefore in the United States and its territorial possessions and in countries;		
acknowledged, and said ASSIGNEES, and in all foreign of other relevant Inter- interest in and to	FORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby if for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial in any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof.		
any and all foreign assignees of my e their successors ar	ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the ntire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEES, and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and the would have been held by me had this Assignment and sale not been made.		
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	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 innert of not more than five (5) years, or both.		
LEGAL NAME O	F INVENTOR		
Inventor: Mohar	nmed Abdeen Mohammed HASSAN Date: 3/11/2015		
Signature:	nachuh		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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I believe that I am the original inventor or an original joint inventor of a claimed invention in the app	lication.
WHEREAS, (1) King Fahd University of Petroleum and Minerals and (2) Yokogawa Saudi Arabia (hereinaster referred to as "ASSIGNEES") having places of business at: (1) P.O. Box 5041, In Office, Innovation Center, Dhahran 31261, Saudi Arabia and (2) P.O. Box 3368, Al-Khobar 31952 respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to sa in and to any Letters Patent that may be granted therefore in the United States and its territorial peany and all foreign countries;	tellectual Assets 2. Saudi Arabia. aid invention and
NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt we acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign a said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territ and in all foreign countries (including the right to claim priority under the terms of the International other relevant International Treaties and Arrangements from the aforesaid application) and the entimiterest in and to any and all Letters Patent which may be granted therefor in the United States possessions and in any and all foreign countries and in and to any and all divisions, reissue substitutions and renewals thereof.	and transfer unto torial possessions I Convention and tre right, title and and its territorial
I hereby authorize and request the Patent Office Officials in the United States and its territorial any and all foreign countries to issue any and all of said Letters Patent, when granted, to said AS assignees of my entire right, title and interest in and to the same, for the sole use and benefit of said their successors and assigns, to the full end of the term for which said Letters Patent may be grantentirely as the same would have been held by me had this Assignment and sale not been made.	SIGNEES as the aid ASSIGNEES,
Further, I agree that I will communicate to said ASSIGNEES or their representatives any far respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute continuation, substitute, renewal and reissue applications, execute all necessary assignment papers all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, general possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper prinvention in the United States and its territorial possessions and in any and all foreign countries.	ite all divisional, to cause any and ally do everything
I hereby acknowledge that any willful false statement made in this declaration is punishable under by fine or imprisonment of not more than five (5) years, or both.	er 18 U.S.C. 1001
LEGAL NAME OF INVENTOR	
Inventor: Zaid Jamal ALBARGHOUTHI Date: 16/11/9	015
Signature: 2 at B a	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
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As the below named inventor, I hereby declare that:
This declaration 🔀 The attached application, or
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The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
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NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR
Inventor: Mohammed SABIH Date: 17-0ct-2015
Signature:

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LEGAL NAME C	OF INVENTOR	
Inventor: Musta	fa AL-NASER	Date: 29/09/2015
Signature:	- Lan	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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1940 DUKE STREET
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**RECORDED: 12/22/2015** 

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LEGAL NAME OF INVENTOR	
Inventor: Mohammed Mahmoud Abd El Samie Mohamed ALI Date: 29-Sept-2015	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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