#### 503731817 03/10/2016

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3778459

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
UTHMAN BAROUDI	02/07/2016
MD ENAMUL HAQUE	01/27/2016
MOHAMMED AZHARUDDIN	01/28/2016

#### **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	

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

Property Type	Number
Application Number:	15066821

#### **CORRESPONDENCE DATA**

Fax Number:

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
Email: jwatkins@oblon.com
Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	467899US8
NAME OF SUBMITTER:	JOSHUA WATKINS
SIGNATURE:	/Joshua Watkins/
DATE SIGNED:	03/10/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 3** 

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PATENT 503731817 REEL: 037949 FRAME: 0632

Docket Number: 451550US8

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

Title of Invention	APPARATUS AND METHOD OF SENSOR DEPLOYMENT
	國國際機能與國際的國際的政府的政府。 國際國際國際國際國際國際國際國際國際國際國際國際國際國際國際國際國際國際國際
As the below nam	ned inventor, I hereby declare that:
	The attached application, or
is directed to:	United States application or PCT international application number filed on
The above-identi	fied application was made or authorized to be made by me.
I believe that I ar	m the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, K	King Fahd University of Petroleum and Minerals
Innovation Cent said invention a	rred to as "ASSIGNEE") having places of business at: P.O. Box 5041, Intellectual Assets Office, er, Dhahran, Saudi Arabia 31261, is desirous of acquiring the entire right, title and interest in and to nd in and to any Letters Patent that may be granted therefore in the United States and its territorial in any and all foreign countries;
acknowledged, said ASSIGNE and in all foreig other relevant I interest in and possessions an	REFORE. in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto E, the full and exclusive right to the said invention in the United States and its territorial possessions of countries (including the right to claim priority under the terms of the International Convention and international Treaties and Arrangements from the aforesaid application) and the entire right, title and to any and all Letters Patent which may be granted therefor in the United States and its territorial d in any and all foreign countries and in and to any and all divisions, reissues, continuations, and renewals thereof.
any and all for assignee of my (his) successor	thorize and request the Patent Office Officials in the United States and its territorial possessions and reign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and said assigns, to the full end of the term for which said Letters Patent may be granted, as fully and said assigns, to the full end of the term for which said Letters Patent may be granted, as fully and said assigns, to the full end of the term for which said Letters Patent may be granted, as fully and said assigns, to the full end of the term for which said Letters Patent may be granted, as fully and said assigns, to the full end of the term for which said Letters Patent may be granted, as fully and said assigns, to the full end of the term for which said Letters Patent may be granted, as fully and said assigns, to the full end of the term for which said Letters Patent may be granted, as fully and said assigns, to the full end of the term for which said Letters Patent may be granted.
Further, I a respecting said continuation, said lof said Le possible to aid invention in the	d invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, d invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, dibstitute, renewal and reissue applications, execute all necessary assignment papers to cause any and substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and abstitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all rightful oaths, and, generally do everything terms Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything terms Patent to be issued to said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said a said ASSIGNEE, its (his) successors and in any and all foreign countries.
1 Thereby ac	knowledge that any within take (5) years, or both.
LEGAL NAM	IE OF INVENTOR Date: Feb. 7, 2016
	thman BAROUD
A CONTROL OF THE PROPERTY OF T	OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.  ATTORNEYS AT LAW  1940 DUKE STREET  ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 037949 FRAME: 0633 Docket Number: 451550US8

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

Title of APPARATUS AND METHOD OF SENSOR DEPLOYMENT Invention		
As the below named inventor, I hereby declare that:		
This declaration 🗵 The attached application, or		
is directed to: United States application or PCT international application number		
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.		
WHEREAS, King Fahd University of Petroleum and Minerals (hereinafter referred to as "ASSIGNEE") having places of business at: P.O. Box 5041, Intellectual Assets Office, Innovation Center, Dhahran, Saudi Arabia 31261, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, 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 ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its (his) 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 ASSIGNEE or its (his) 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 ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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: Md. Enamul HAQUE Date: 27-01-2016		
Signature:		

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 037949 FRAME: 0634

Docket Number: 451550US8

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

Title of Invention	APPARATUS AND METHOD OF SENSOR DEPLOYMENT
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	d application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
(hereinafter referre Innovation Center, said invention and	g Fahd University of Petroleum and Minerals d to as "ASSIGNEE") having places of business at: <u>P.O. Box 5041, Intellectual Assets Office,</u> Dhahran, Saudi Arabia 31261, is desirous of acquiring the entire right, title and interest in and to in and to any Letters Patent that may be granted therefore in the United States and its territorial my and all foreign countries;
acknowledged, and said ASSIGNEE, the and in all foreign co other relevant linter interest in and to a	ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto he full and exclusive right to the said invention in the United States and its territorial possessions mutries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.
any and all foreign assignee of my enti (his) successors an	ze and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the re right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) 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 ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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 acknow by fine or imprison	ledge 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 OF	
Inventor: Moham	med AZHARUDDIN Date: 28 Tan usay 2016
Simulara: M.	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 037949 FRAME: 0635

**RECORDED: 03/10/2016**