502616559 12/30/2013

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2663150

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHAIKH ASROF ALI	12/01/2013
SHAMSUDDEEN ABDULLAHI HALADU	12/01/2013

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14144094

CORRESPONDENCE DATA

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Correspondent Name: OBLON, SPIVAK, ET AL.
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Address Line 4: ALEXANDRIA, VIRGINIA 22314

PATENT

REEL: 031860 FRAME: 0538

OF \$40.00 14144094

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ATTORNEY DOCKET NUMBER:	423211US8	
NAME OF SUBMITTER:	COURSEY GORDON	
Signature:	/Coursey Gordon/	
Date:	12/30/2013	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2 source=423211USassignment#page1.tif		

source=423211USassignment#page2.tif

PATENT REEL: 031860 FRAME: 0539

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	SYNTHESIS OF A DIALLYLAMMONIUM PHOSPHO- AND SULFOPROPYL PENDER		OLYMER BEARING
As the below named	inventor, I hereby declare that:		
This declaration 🗵	The attached application, or		
is directed to:	United States application or PCT international applifiled on	cation numb	per
The above-identifie	d application was made or authorized to be made by	ne.	
I believe that I am t	he original inventor or an original joint inventor of a	claimed inve	ention in the application.
	King Fahd University of Petroleum and Minerals and hnology	(2) King Ab	odulaziz City for Science and
Office, Innovation respectively are des	d to as "ASSIGNEES") having places of business Center, Dhahran 31261, Saudi Arabia and (2) P.O irous of jointly acquiring interests in the entire right, rs Patent that may be granted therefore in the United countries;	Box 6086, title and inte	Riyadh 11442, Saudi Arabia erest in and to said invention and
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 to 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 acknow by fine or imprison	whedge that any willful false statement made in this dement of not more than five (5) years, or both.	claration is p	punishable under 18 U.S.C. 100
LEGAL NAME OF	FINVENTOR		
Inventor: Shaikh	Asrof ALI	_ Date:	01 Dec 2013
Signature:	k. Arref Ali		

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

PATENT REEL: 031860 FRAME: 0540

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	SYNTHESIS OF A DIALLYLAMMONIUM/SO2 COPOLYMER BEARING PHOSPHO- AND SULFOPROPYL PENDENTS	
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.	
WHEREAS, (1) King Fahd University of Petroleum and Minerals and (2) King Abdulaziz City for Science and Technology		
Office, Innovation respectively are de-	d 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 6086, Riyadh 11442, 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 and any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals 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 O		
Inventor: Shams	uddeen Abdullahi HALADU Date: 1st December, 2013	
Signature:	State	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 031860 FRAME: 0541

RECORDED: 12/30/2013