505661940 09/09/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5708747

SUBMISSION TYPE:		NEW ASSIGNMENT									
NATURE OF CONVEYAN	ICE:	ASSIGNMENT	ASSIGNMENT								
CONVEYING PARTY DA	АТА										
		Name	Execution Date								
GAZALI TANIMU			07/21/2019								
ZIYAUDDIN S. QURESH			07/21/2019								
SACHIO ASAOKA			07/23/2019								
RECEIVING PARTY DA	ТА										
Name:	KING I	FAHD UNIVERSITY OF PETROLEUM	AND MINERALS								
Street Address:											
City:	DHAH	RAN									
State/Country:	SAUD	IARABIA									
Postal Code:											
Property Type		Number									
Property Type Application Number:		Number 16564762	_								
		10004702									
CORRESPONDENCE D	ΑΤΑ										
Fax Number:		(703)413-2220									
		o the e-mail address first; if that is ur d; if that is unsuccessful, it will be se									
Phone:		(703) 413-3000									
Email: mkorsen@oblon.com											
Correspondent Name: OBLON, ET AL.											
Address Line 1: 1940 DUKE STREET											
		Address Line 4: ALEXANDRIA, VIRGINIA 22314									
Address Line 4:		ALEXANDRIA, VIRGINIA 22314									
	IMBER:										
ATTORNEY DOCKET NU	IMBER:										
Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER: SIGNATURE:	IMBER:	520323US									
ATTORNEY DOCKET NU NAME OF SUBMITTER:	IMBER:	520323US MATTHEW KORSEN									
TTORNEY DOCKET NU IAME OF SUBMITTER: SIGNATURE:	IMBER:	520323US MATTHEW KORSEN /Matthew Korsen/	h/Declaration (37 CFR 1.63).								

Total Attachments: 3

source=Assignment-090919-[8301482]#page1.tif source=Assignment-090919-[8301482]#page2.tif

PATENT REEL: 050320 FRAME: 0491

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

																					NI:		
11																							

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 _______ filed on _______

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: <u>P.O. Box 5071, Innovation and Industrial</u> <u>Relation, Innovation Cluster Building, DTV, Dhahran, Saudi Arabia 31261</u>, 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: Gazali TANIMU	Date: 21/07/2019
Signature: CHTYLC OBLON, McCLELLAND, M ATTORNE) 1940 DUK	AIER & NEUSTADT, L.L.P. (S AT LAW E STREET
	VIRGINIA 22314 BATENT

REEL: S050320 FRAMES 0492

5	122	2 X	5		2 1	110	22230	
1300	×	10	i ur	n n n		.U.1	23US	

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 PRODUCTION OF LIGHT ALKENES FROM ALKANE Invention Production
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, <u>King Fahd University of Petroleum and Minerals</u> (hereinafter referred to as "ASSIGNEE") having places of business at: <u>P.O. Box 5071. Innovation and Industrial</u> <u>Relation. Innovation Chuster Building, DTV, Dhahran, Saudi Arabia 31261</u> , 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 an any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as th assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, i (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully ar 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 mespecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all division continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any a fact of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything obssible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for support of 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. 10 by fine or imprisonment of not more than five (5) years, or both.
ECAL MAME OF INVENTOR
Data: 21/07/2014
Signature: Que D
OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREFT ALEXANDRIA, VIRGINIA 22314
DATENT

PATENT REEL: 050320 FRAME 0493 Docket Number: 520323US

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 PRODUCTION OF LIGHT ALKENES FROM ALKANE 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 investor or an original joint inventor of a claimed investor in the application.

WHEREAS King Fahd University of Petrodeum and Minerals

(hereinafter referred to as "ASSIGNEE") having places of business at: <u>P.O. Box 5071, Innovation and Industrial</u> <u>Relation, Innovation Chaster Building, DTV, Dhahran, Saudi Arabia 31261</u>, is destrous 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 terrns 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 Patern 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 (hts) 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

Invenior <u>Sachio ASAOKA</u> Signature *Sachus Andre*

Date 23/07/2019

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

RECORDED: 09/09/2019