

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5472078

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HYE-KYUNG CHO TIMKEN	07/03/2017
	KENNETH JOHN PEINADO	08/22/2017
	BONG-KYU CHANG	07/12/2017
RECEIVING PARTY DATA		
Name:	CHEVRON U.S.A. INC.	
Street Address:	6001 BOLLINGER CANYON ROAD	
City:	SAN RAMON	
State/Country:	CALIFORNIA	
Postal Code:	94583	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16382708
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Phone:	925-842-1536	
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Correspondent Name:	CHEVRON CORPORATION	
Address Line 1:	P.O. BOX 6006	
Address Line 4:	SAN RAMON, CALIFORNIA 94583-0806	
ATTORNEY DOCKET NUMBER:	T-10364-D1	
NAME OF SUBMITTER:	TERRENCE M. FLAHERTY	
SIGNATURE:	/Terrence M. Flaherty/	
DATE SIGNED:	04/12/2019	
Total Attachments: 2		
source=T-10364-D1 Assignment#page1.tif		
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ASSIGNMENT

Title: NATURAL GAS LIQUID UPGRADING BY IONIC LIQUID CATALYZED ALKYLATION

This assignment is directed to:

United States application or PCT international application number 16/382,708 filed on April 12, 2019

WHEREAS, the undersigned has invented new and useful improvements in the described application identified.

WHEREAS, *CHEVRON U.S.A. INC.*, a corporation organized and existing under and by virtue of the laws of the *Commonwealth of Pennsylvania*, and having a regular and established place of business at San Ramon, State of California, is desirous of acquiring the entire right, title and interest in and to said invention, said application, and in and to the Letters Patent, Utility Models, and Inventors' Certificates to be granted and issued thereof in the United States of America and in any and all countries foreign thereto:

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I / We, hereby sell, assign, transfer and set over unto said *CHEVRON U.S.A. INC.*, its successors and assigns, the entire right, title and interest in and to said invention, said application, including all priority rights associated with said application under provisions of international conventions, treaties, or otherwise, and all divisions, continuations, reexaminations, and reissues thereof, and in and to all Letters Patent, Utility Models, and Inventors' Certificates to be granted and issued therefore and all reexamination certificates, reissues and extensions thereof, not only for, to and in the United States of America, but for, to and in all other countries. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent, Utility Models, and Inventors' Certificates which may be granted in the United States of America and in any and all countries foreign thereto, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale and assignment had not been made;

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the Assignee the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

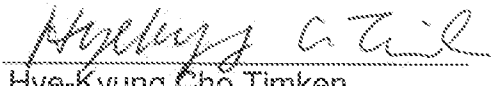
and I / We hereby covenant that we have full right to convey the entire interest herein assigned, and I / We have not executed, and will not execute, any agreement in conflict herewith and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

Title of the Invention: NATURAL GAS LIQUID UPGRADING BY IONIC LIQUID CATALYZED
ALKYLATION

Attorney Docket No.: T-10364

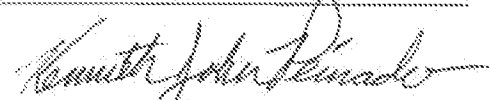
and I / We hereby further covenant and agree that we will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to us respecting said inventions and discoveries; and furthermore, upon request, without additional compensation but at no expense to me / us, testify in any interference or legal proceedings involving said inventions, and sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension thereof.

In witness whereof, I / We have signed my / our name(s) on the date set forth below.

Inventor Signature:  Date: 7/3/2017
Inventor Name: Hye-Kyung Cho Timken

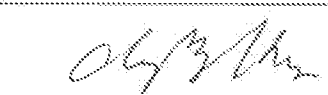
Witness Signature: _____ Date: _____

Witness Name: _____

Inventor Signature:  Date: 8/22/2017
Inventor Name: Kenneth John Peinado

Witness Signature: _____ Date: _____

Witness Name: _____

Inventor Signature:  Date: 7/12/2017
Inventor Name: Bong-Kyu Chang

Witness Signature: _____ Date: _____

Witness Name: _____

ASSIGNEE hereby acknowledges receipt of the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS.

CHEVRON U.S.A. INC. (Assignee)

Signature /Josetta I. Jones/

Name: Josetta I. Jones

Title: Intellectual Property Officer