

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| YIHUA ZHANG | 08/10/2015 |
| THEODORUS LUDOVICUS MICHAEL MAESEN | 08/07/2015 |
| YALIN HAO | 08/11/2015 |
| DON RAMON BUSHEE | 08/07/2015 |
| THOMAS MICHAEL REA | 08/10/2015 |
| RECEIVING PARTY DATA | |
| Name: | CHEVRON U.S.A. INC. |
| Street Address: | 6001 BOLLINGER CANYON ROAD |
| City: | SAN RAMON |
| State/Country: | CALIFORNIA |
| Postal Code: | 94583-0806 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14823791 |
| CORRESPONDENCE DATA | |
| Fax Number: | (510)242-5540 |
| <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> | |
| Email: | Patents@chevron.com |
| Correspondent Name: | CHEVRON CORPORATION |
| Address Line 1: | 6001 BOLLINGER CANYON ROAD |
| Address Line 4: | SAN RAMON, CALIFORNIA 94583-0806 |
| ATTORNEY DOCKET NUMBER: | T-9719 |
| NAME OF SUBMITTER: | SUSAN M. ABERNATHY |
| SIGNATURE: | /Susan M. Abernathy/ |
| DATE SIGNED: | 08/11/2015 |
| Total Attachments: 2 | |
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| source=T-9719_Assignment#page2.tif | |

ASSIGNMENT

WHEREAS, I / We,
Yihua Zhang of Albany, California
Theodorus Ludovicus Michael Maesen of Moraga, California
Yalin Hao of Dansville, California
Don Ramon Bushee of El Sobrante, California
Thomas Michael Rea of Vacaville, California

have invented new and useful improvements in

**"MIDDLE DISTILLATE HYDROCRACKING CATALYST CONTAINING ZEOLITE BETA
WITH LOW OD ACIDITY AND LARGE DOMAIN SIZE"**

set forth in an application for Letters Patent of the United States bearing Serial No. 14/823791
and filed on 08/11/2015, (the hereinafter named assignee being authorized to insert said Serial Number and
filing date when ascertained); and

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;

and I / We hereby authorize and request the Commissioner for Patents to issue said Letters Patent in accordance
with this Assignment;

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;

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: [Signature] Date: 8/10/2015

Inventor Name: Yihua Zhang
Witness Signature: [Signature] Date: 8/10/2015

Witness Name: Nicole L Mims

Inventor Signature: [Signature] Date: 8/7/15

Inventor Name: Theodoros Ludovicus Michael Maessen
Witness Signature: [Signature] Date: 8/7/2015

Witness Name: Nicole L Mims

Inventor Signature: [Signature] Date: 8/11/15

Inventor Name: Yalin Hao
Witness Signature: [Signature] Date: 8/11/2015

Witness Name: Nicole L Mims

Inventor Signature: [Signature] Date: 8/7/2015

Inventor Name: Don Ramon Busbee
Witness Signature: [Signature] Date: 8/7/2015

Witness Name: Nicole L. Mims

Inventor Signature: [Signature] Date: 8/10/2015

Inventor Name: Thomas Rea
Witness Signature: [Signature] Date: 8/10/2015

Witness Name: Nicole L Mims