

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3278888

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DANIEL CHINN	01/06/2015
RUSSELL E. COOPER	02/11/2015
ZUNQING HE	01/06/2015
HYE KYUNG TIMKEN	01/06/2015
MICHAEL S DRIVER	01/07/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CHEVRON U.S.A. INC.
<b>Street Address:</b>	6001 BOLLINGER CANYON ROAD
<b>City:</b>	SAN RAMON
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94583
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14541431
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(516)739-0981
<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>	
<b>Email:</b>	mcarmen@carmenlaw.com
<b>Correspondent Name:</b>	M. CARMEN & ASSOCIATES, PLLC
<b>Address Line 1:</b>	1201 RXR PLAZA
<b>Address Line 4:</b>	UNIONDALE, NEW YORK 11556
<b>ATTORNEY DOCKET NUMBER:</b>	538-169 DIV
<b>NAME OF SUBMITTER:</b>	MICHAEL E. CARMEN
<b>SIGNATURE:</b>	/Michael E. Carmen/
<b>DATE SIGNED:</b>	03/24/2015
<b>Total Attachments: 4</b>	
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**ASSIGNMENT**

WHEREAS, I / We,

**Daniel Chinn** of Bay Point, CA  
**Russell E. Cooper** of Fairfield, CA  
**Zunqing He** of San Rafael, CA  
**Hye Kyung Timken** of Albany, CA  
**Michael S. Driver** of San Francisco, CA

have invented new and useful improvements in

**“PROCESS FOR THE SEPARATION OF CARBON DIOXIDE FROM FLUE GAS”**

set forth in a divisional application for Letters Patent of the United States bearing Serial No. 14/541,431 and filed on 11/14/2014, (the hereinafter named assignee being authorized to insert said Serial Number and filing date when ascertained); which claims the benefit and priority to Non-Provisional Application No. 12/930,207, filed December 30, 2010, granted on December 16, 2014 as U.S. Patent No. 8,911,539; 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;

Title of the Invention: PROCESS FOR THE SEPARATION OF CARBON DIOXIDE FROM FLUE GAS  
Attorney Docket No.: 538-169 DIV (T-8034-D1)

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: *Daniel Chinn* Date: 1/6/2015  
Inventor Name: **Daniel Chinn**

Witness Signature: *Nicole L. Mims* Date: 1/6/2015  
Witness Name: Nicole L. Mims

Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor Name: **Russell E. Cooper**

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Witness Name: \_\_\_\_\_

Inventor Signature: *Zunqing He* Date: 1/6/2015  
Inventor Name: **Zunqing He**

Witness Signature: *Nicole L. Mims* Date: 1/6/2015  
Witness Name: Nicole L. Mims

Inventor Signature: *Hye Kyung Timken* Date: 1/6/2015  
Inventor Name: **Hye Kyung Timken**

Witness Signature: *Nicole L. Mims* Date: 1/6/2015  
Witness Name: Nicole L. Mims

Inventor Signature: *Michael S. Driver* Date: 1/7/2015  
Inventor Name: **Michael S. Driver**

Witness Signature: *Nicole L. Mims* Date: 1/7/2015  
Witness Name: Nicole L. Mims

**ASSIGNMENT**

WHEREAS, I / We,

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<b>Russell E. Cooper</b>	of Fairfield, CA
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<b>Hye Kyung Timken</b>	of Albany, CA
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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;

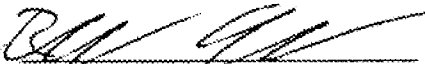
Title of the Invention: PROCESS FOR THE SEPARATION OF CARBON DIOXIDE FROM FLUE GAS  
Attorney Docket No.: 538-169 DIV (T-8034-D1)

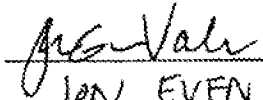
and I / We hereby further covenant and agree that we will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to us respecting said inventions and discoveries; and furthermore, upon request, without additional compensation but at no expense to me / us, testify 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: \_\_\_\_\_  
Inventor Name: **Daniel Chinn**

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Witness Name: \_\_\_\_\_

Inventor Signature:  \_\_\_\_\_ Date: Feb 11, 2015  
Inventor Name: **Russell E. Cooper**

Witness Signature:  \_\_\_\_\_ Date: 11/02/2015  
Witness Name: JON EVEN VALE

Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor Name: **Zunqing He**

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Witness Name: \_\_\_\_\_

Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor Name: **Hye Kyung Timken**

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Witness Name: \_\_\_\_\_

Inventor Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor Name: **Michael S. Driver**

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Witness Name: \_\_\_\_\_