

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2763467

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	10/18/2013
CONVEYING PARTY DATA	
Name	Execution Date
4CRGROUP LLC	10/18/2013
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: 6	
Property Type	Number
Application Number:	13134604
Application Number:	13358495
Application Number:	61851903
Application Number:	61852652
PCT Number:	US2013026785
PCT Number:	US2013026789
CORRESPONDENCE DATA	
Fax Number:	(703)684-2501
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	612.332.5300
Email:	lkenney@merchantgould.com
Correspondent Name:	MERCHANT & GOULD
Address Line 1:	P.O. BOX 2903
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	70205.0478USU1
NAME OF SUBMITTER:	MELISSA M. HAYWORTH
SIGNATURE:	/Melissa M. Hayworth/
DATE SIGNED:	03/11/2014
Total Attachments: 5	

PATENT

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Exhibit A

ASSIGNMENT

WHEREAS, We, Dennis R. Cash of Novato, California; Graham J. Forder of San Rafael, California; David S. Mitchell of San Rafael, California; and Joel W. Rosenthal of Lafayette, California; (collectively, "We") have invented new and useful inventions and discoveries disclosed or claimed in the applications for patents listed in Attachment 1 (the "Applications") and

WHEREAS, the above named inventors assigned said applications to the 4CRGroup LLC, a California limited liability company; and

WHEREAS, CHEVRON U.S.A. INC., a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania ("Assignee"), 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 applications and the discoveries or inventions disclosed or claimed in the Applications (collectively "Inventions").

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We and the 4CRGroup LLC 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 Inventions, including all priority rights associated with said applications under provisions of international conventions, treaties, or otherwise, and all divisions, continuations, reexaminations, and reissues thereof, and all Letters Patent, Utility Models, and Inventors' Certificates or other indicia of ownership of an inventions to be granted and issued therefore by any governmental authority 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 of the foregoing, 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 We or the 4CRGroup LLC if this sale and assignment had not been made,

and We and the 4CRGroup LLC hereby authorize and request the Commissioner for Patents to issue said Letters Patent in accordance with this Assignment;

and all of the representations, warranties and obligations of We and the 4CRGroup LLC in that certain Agreement among us dated on or around October 21, 2013 are incorporated by reference herein;

and We and the 4CRGroup LLC hereby further covenant and agree that we will, as reasonably requested by Assignee from time to time: (a) communicate to said Assignee, its successors, legal representatives and assigns, any facts known to us respecting said Inventions; (b) sign any applications, specifications oaths, assignments or other instruments that Assignee reasonably deems necessary in order to apply for, maintain, document ownership of or enforce the rights to the Inventions; and (c) for reasonable compensation for our respective time and reimbursement of our respective reasonable expenses (as

actually incurred consistent with Assignee's expense reimbursement policies for its employees), assist Assignee and its affiliates in prosecuting and enforcing intellectual property rights in the Inventions. If Assignee is unable to secure my signature on any such documents at the time needed, then I hereby irrevocably designate and appoint Assignee and its duly authorized representatives as my agent and attorney in fact to act for and in my behalf and stead to execute any such documents and do all other lawfully permissible acts in connection with the Inventions with the same legal force and effect as if executed by me.

IN WITNESS WHEREOF, We and the 4CRGroup LLC have signed our name(s) on the respective dates set forth below.

By: Graham J. Forder

Assignee:

Its: Authorized Member

4CRGroup LLC, a
California Limited
Liability Company

Date 10/18/13

Inventor Signature:

Date: 10/18/13

Inventor Name:

Dennis R. Cash

Witness Signature:

Date: 10/18/13

Witness Name:

Stacie Diritto

Inventor Signature:

Date: 10/18/13

Inventor Name:

Graham J. Forder

Witness Signature:

Date: 10/18/13

Witness Name:

Stacie Diritto

Inventor Signature:

Date: 10/18/13

Inventor Name:

David S. Mitchell

Witness Signature: *Stacie Diritto*

Date: 10/18/13

Witness Name: *Stacie Diritto*

Inventor Signature: *David S. Mitchell*

Date: 10/18/13

Inventor Name: Joel W. Rosenthal

Witness Signature: *Stacie Diritto*

Date: 10/18/13

Witness Name: *Stacie Diritto*

Inventor Signature: *JW Rosenthal*

Date: 10/18/13

Attachment 1 to Assignment

1. Title: "Two-Stage, Close-Coupled, Dual-Catalytic Heavy Oil Hydroconversion Process"

Country	Date	App. No.
United States	6/10/2011	13/134,604
Venezuela	5/17/2012	640-12
Pakistan	5/16/2012	309/2012
Iraq	5/17/2012	138/2012
Saudi Arabia	5/16/2012	112330519
Yemen	5/16/2012	699/2012
Paraguay	5/17/2012	22607/2012
Uruguay	5/17/2012	034079
Bolivia Patent App.	5/17/12	SP-161-2012
Argentine Pat. App.	5/17/2012	P12010747

2. Title: "Two-Stage, Close-Coupled, Dual-Catalytic Heavy Oil Hydroconversion Process"

Country	Date	App. No.
United States	1/25/2012	13/358,495
PCT	2/2/2012	PCT/US2012/023578
PCT	5/17/2012	PCT/US2012/038267

3. Title: "Two-zone, Close-coupled, Dual-catalytic Heavy Oil Hydroconversion Process

Utilizing improved hydrotreating"

PCT	2/20/13	PCT/US13/26789
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4. Title "Two-zone, Close-coupled, Heavy Oil Hydroconversion Process Utilizing an Ebullating Bed First Zone"

PCT 2/20/13 PCT/US13/26785

4CRGroup Provisional US Patent Applications

New Heavy Oil Hydrocracking Process (Oil Soluble Catalyst)

US 3/12/13 61/851,903

New Heavy Oil Hydrocracking Process (Oil Soluble Catalyst)

US 3/19/13 61,852,652