

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5035991

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN E. ARTHUR	08/14/2017
JARRETT DRAGANI	08/14/2017
NADIM KASSAM	08/14/2017
MICHAEL BUMSTEAD	08/14/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CENOVUS ENERGY INC.
<b>Street Address:</b>	500 CENTRE STREET SE
<b>Internal Address:</b>	P.O.BOX 766
<b>City:</b>	CALGARY
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	T2P 0M5
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16027114
<b>Application Number:</b>	62528848
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(778)329-0752
<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>	ipmailvancouver@blg.com
<b>Correspondent Name:</b>	BORDEN LADNER GERVAIS LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	PAT 103985-2
<b>NAME OF SUBMITTER:</b>	ANETT FABIAN
<b>SIGNATURE:</b>	/Anett Fabian/
<b>DATE SIGNED:</b>	07/03/2018
<b>Total Attachments: 4</b>	
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source=INV-0522-USP\_Executed-Assignment\_2017-08-14\_Inventors-to-Cenovus#page4.tif

## UNIVERSAL ASSIGNMENT OF INVENTION

WHEREAS the undersigned, whose full names and mailing addresses are:

**John E. ARTHUR**, c/o Cenovus Energy Inc., 500 Centre Street SE, P.O. Box 766, Calgary, Alberta T2P 0M5 Canada;

**Jarrett DRAGANI**, c/o Cenovus Energy Inc., 500 Centre Street SE, P.O. Box 766, Calgary, Alberta T2P 0M5 Canada;

**Nadim KASSAM**, c/o Cenovus Energy Inc., 500 Centre Street SE, P.O. Box 766, Calgary, Alberta T2P 0M5 Canada; and

**Michael BUMSTEAD**, c/o Cenovus Energy Inc., 500 Centre Street SE, P.O. Box 766, Calgary, Alberta T2P 0M5 Canada;

(collectively hereinafter the "Assignors" and each an "Assignor"),

have invented an invention relating to process for producing hydrocarbons from a subterranean hydrocarbon-bearing reservoir (hereinafter the "Invention") as further described and/or claimed in **provisional application No. 62/528,848 entitled "PROCESS FOR PRODUCING HYDROCARBONS FROM A SUBTERRANEAN HYDROCARBON-BEARING RESERVOIR"** filed in the United States of America on July 5, 2017 (hereafter the "Patent Right");

**AND WHEREAS** the Assignors have agreed to and wish to sell, assign, transfer and set over all their right, title and interest in and to the Invention (including any and all improvements, enhancements, alterations and advancements thereto) and all patent rights throughout the world in connection therewith, including any Letters Patent which may be granted in connection with the Invention, to **CENOVUS ENERGY INC.**, (hereinafter the "Assignee"), a body corporate having its principal place of business at 500 Centre Street SE, P.O. Box 766, Calgary, Alberta T2P 0M5 Canada;

**AND WHEREAS** it is desired to confirm the assignment of all such rights, title and interests to the Assignee, and to provide evidence thereof for recordal in such Patent Offices as may be expedient;

**NOW THEREFORE**, in consideration of the premises, one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each of the Assignors does hereby confirm having sold, assigned, transferred and set over to, and does hereby sell, assign, transfer and set over to, the Assignee his/her the entire right, title and interest throughout the world in and to: the Invention (including any and all improvements, enhancements, alterations and advancements thereto); the Patent Right; all patent applications and patents relating to any of the foregoing, including all divisionals, continuations, continuations-in-part, regional applications, international applications, national phase entry applications, renewals, reissues of applications and reinstatements of /or relating to any of the

foregoing in the United States of America, Canada and any and all other countries and regions throughout the world; all rights to file any of the foregoing patent applications; all rights arising under any and all intellectual property treaties throughout the world in relation to any of the foregoing; all rights of priority and priority claims resulting from or related to any of the foregoing; all patents issuing on or from any of the foregoing; and all right to sue for and recover damages, including royalties, for any past, present or future infringement of any foregoing patent application or patent; (collectively, hereinafter the "Assigned Patent Rights");

AND each of the Assignors covenants, agrees and undertakes to, at the request and expense of (but at no charge of or reimbursement from) the Assignee or its successors, assigns or nominees (as the case may be), promptly (i) assist with, execute and deliver all such papers as may be necessary or desirable to secure, preserve, protect, apply for, prosecute, maintain and/or perfect any and all right, title and interest in and to the Assigned Patent Rights (including applications, declarations, verifications, responses, submissions, assignments and any further documents relating to the Assigned Patent Rights or any part thereof) in favour of and to the Assignee, its successors, assigns, nominees or legal representatives (as the case may be); and (ii) communicate all known facts respecting the Assigned Patent Rights, make all lawful oaths, testify in any legal proceedings and do all such other things, as may be requested by the Assignee, its successors, assigns, nominees or legal representatives (as the case may be) from time to time and at any time, to enable the Assignee, its successors, assigns, nominees or legal representatives (as the case may be) to secure, preserve, protect, apply for, prosecute, maintain, perfect, enforce and defend any and all of the Assigned Patent Rights;

AND for any purposes or circumstances in which the Assignee is unable for any reason whatsoever to secure any Assignor's signature to any necessary document required to secure, preserve, protect, acquire, apply for, prosecute, maintain, perfect, enforce and/or defend any and all right, title and interest, in any country, in and to the Assigned Patent Rights, each of Assignors hereby irrevocably appoints the Assignee and its duly authorized officers and agents as such Assignor's agents and attorneys-in-fact to execute and file any such necessary document and to do all other lawfully permitted acts to further the Assignee's application for, acquisition, prosecution, maintenance, perfection, enforcement and/or defence of any and all right, title and interest, in any country, in and to the Assigned Patent Rights, with the same legal force and effect as if executed by such Assignor;

AND each of the Assignors covenants and declares that he/she has not executed and will not execute any agreement in conflict herewith.

This assignment may be executed in separate counterpart, by facsimile, portable document format or other electronic means, and each executed counterpart together shall constitute one and the same instrument.

[Remainder of this page intentionally left blank]

EXECUTED at CALGARY CANADA  
(City or Town) (Country)

this 14<sup>TH</sup> day of AUGUST, 2017.

[Signature]  
John E. ARTHUR

**STATEMENT OF WITNESS**

On this 14<sup>th</sup> day of August, 2017 before me, personally appeared **John E. ARTHUR**, known to me to be the individual identified above who executed the foregoing instrument.

[Signature]  
Witness Signature

Witness Address: c/o Cenovus Energy Inc.  
500 Centre St SE  
PO Box 766  
Calgary AB T2P 0M5

Heather A. Phillips  
Type or Print Name

EXECUTED at CALGARY CANADA  
(City or Town) (Country)

this 14 day of AUGUST, 2017.

[Signature]  
Jarrett DRAGANI

**STATEMENT OF WITNESS**

On this 14<sup>th</sup> day of August, 2017 before me, personally appeared **Jarrett DRAGANI**, known to me to be the individual identified above who executed the foregoing instrument.

[Signature]  
Witness Signature

Witness Address: c/o Cenovus Energy Inc.  
500 Centre St SE  
PO Box 766  
Calgary AB T2P 0M5

Heather A. Phillips  
Type or Print Name

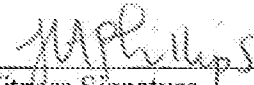
EXECUTED at Calgary (City or Town) Canada (Country)

this 14<sup>th</sup> day of August, 2017.

  
Nadim KASSAM

**STATEMENT OF WITNESS**

On this 14<sup>th</sup> day of August, 2017 before me, personally appeared Nadim KASSAM, known to me to be the individual identified above who executed the foregoing instrument.

  
Witness Signature

Witness Address:

c/o Cenovus Energy Inc.  
500 Centre St SE  
PO Box 746  
Calgary, Alberta  
T2P 0M8

Heather A. Phillips  
Type or Print Name

EXECUTED at Calgary (City or Town) CANADA (Country)

this 14<sup>th</sup> day of August, 2017.

  
Michael BUMSTEAD

**STATEMENT OF WITNESS**

On this 14<sup>th</sup> day of August, 2017 before me, personally appeared Michael BUMSTEAD, known to me to be the individual identified above who executed the foregoing instrument.

  
Witness Signature

Witness Address:

c/o Cenovus Energy Inc.  
500 Centre St SE  
PO Box 746  
Calgary, Alberta  
T2P 0M8

Heather A. Phillips  
Type or Print Name