505319115 02/07/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUBODH GUPTA	12/14/2015

RECEIVING PARTY DATA

Name:	CENOVUS ENERGY INC.
Street Address:	500 CENTRE STREET SE
Internal Address:	P.O. BOX 766
City:	CALGARY, ALBERTA
State/Country:	CANADA
Postal Code:	T2P 0M5

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16219436

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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.

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Email: efiling@Knobbe.com

Correspondent Name: KNOBBE MARTENS OLSON & BEAR LLP

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Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	GOWL14.008D1	
NAME OF SUBMITTER:	PETER J. LAW	
SIGNATURE:	/Peter J. Law/	
DATE SIGNED:	02/07/2019	

Total Attachments: 3

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PATENT 505319115 REEL: 048270 FRAME: 0943

UNIVERSAL ASSIGNMENT OF INVENTION

WHEREAS the undersigned, whose full name and mailing address is:

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

(hereinafter the "Assignor"),

has invented an invention relating to bitumen processing and transport (hereinafter the "Invention") as further described and/or claimed in provisional application No. 62/188,021 entitled "BITUMEN PROCESSING AND TRANSPORT" filed in the United States of America on July 2, 2015 (hereafter the "Patent Right");

AND WHEREAS the Assignor has agreed to and wishes to sell, assign, transfer and set over all his 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 aforementioned assignment to the Assignce, 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, the Assignor does hereby confirm having sold, assigned, transferred and set over to, and does hereby sell, assign, transfer and set over to, the Assignee his 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 Rights; 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 the Assignor 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

Assignment, File No. 08928543US1 Page 1 of 3

PATENT REEL: 048270 FRAME: 0944 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, the Assignor 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 the Assignor covenants and declares that he has not executed and will not execute any agreement in conflict herewith.

Assignment, File No. 08928543US1

Ref: INV-0437

EXECUTED at	CALGARY	CANADA
	(City or Town)	(Country)
this <u>14</u> day of _	Documber, 2015.	
and		
Subodh GUPTA		
	STATEMENT OF V	<u>VITNESS</u>
On this 14th Subodh GUPTA, kno instrument.	day of <u>December</u> , 2 own to me to be the individual id	20_15 before me, personally appeared entified above who executed the foregoing
Witness Signature	Witness Address	: c/a Cenavus Energy Inc 500 Centre Street SE
Linda 5, ma	<u> </u>	P.O. Box 766 Calgary, Alberta TOP OMS Canada

Ref: INV-0437

RECORDED: 02/07/2019

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PATENT

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