502609649 12/19/2013

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2656088

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON P. ABBATE	06/14/2013
CHAD BARBER	06/14/2013
CHRIS ELLIOTT	06/17/2013
SIMON GITTINS	06/14/2013
LOGAN POPKO	06/14/2013
MALIHA ZAMAN	06/18/2013

RECEIVING PARTY DATA

Name:	CENOVUS FCCL LTD., ASSOLE OPERATOR FOR FCCL PARTNERSHIP
Street Address:	500 CENTRE STREET SE
Internal Address:	P.O. BOX 766
City:	CALGARY, ALBERTA
State/Country:	CANADA
Postal Code:	T2P0M5

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13288854

CORRESPONDENCE DATA

 Fax Number:
 (626)577-8800

 Phone:
 626-795-9900

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 PTO@CPH.COM

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: CHRISTIE, PARKER & HALE, LLP

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ATTORNEY DOCKET NUMBER: 68671/S318

PATENT

REEL: 031824 FRAME: 0275

P \$40.00 13288854

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NAME OF SUBMITTER:	JENNIFER GUERRA
Signature:	/Jennifer Guerra/
Date:	12/19/2013
Total Attachments: 5 source=68671-assignment#page1.tif source=68671-assignment#page2.tif source=68671-assignment#page3.tif source=68671-assignment#page4.tif source=68671-assignment#page5.tif	

PATENT REEL: 031824 FRAME: 0276

ASSIGNMENT

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

Jason P. Abbate, Chad Barber, Chris Elliott, Simon Gittins, Logan Popko, Maliha Zaman, each of whose previous mailing address was c/o Cenovus FCCL Ltd., as Operator For FCCL Partnership, 421-7 Avenue SW, Calgary, Alberta T2P 0M5, Canada, and each of whom presently have a mailing address of c/o Cenovus Energy Inc. 500 Centre Street SE, P.O. Box 766, Calgary, Alberta T2P 0M5 Canada

(collectively hereinafter the "Assignors"),

have invented an invention relating to ESTABLISHING COMMUNICATION BETWEEN WELL PAIRS IN OIL SANDS BY DILATION WITH STEAM OR WATER CIRCULATION AT ELEVATED PRESSURES (hereinafter the "Invention") and for which the following patent applications have been filed: U.S. provisional patent application filed on 5 August 2011 and assigned Serial No. 61/515,539; U.S. patent application filed on 3 November 2011 and assigned Serial No. 13/288,854; and Canadian patent application No. 2,757,125 filed on 3 November 2011; (collectively hereinafter the "Patent Rights");

AND WHEREAS the Assignors have agreed to sell, assign, transfer and set over all right, title and interest in and to the Invention 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 FCCL LTD., AS OPERATOR FOR FCCL PARTNERSHIP (hereinafter the "Assignee"), a body corporate having a previous address of 421-7 Avenue SW, Calgary, Alberta T2P 0M5, Canada and having a current address of 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 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, the Assignors do hereby confirm having sold, assigned, transferred and set over to, and do hereby sell, assign, transfer and set over to, the Assignee the entire right, title and interest throughout the world in and to: the Invention; the Patent Rights; all patent applications and patents relating to any of the foregoing, including all divisionals, continuations, continuations-in-part, international applications, national phase entry applications, renewals and/or reissues of and/or relating to any of the foregoing in the United States of America, Canada and/or 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 and/or from any of the foregoing; and all right to sue for and recover damages, including royalties, for any past, present or future

Assignment 16060-1(s)/5 Page 1 of 5 infringement of any foregoing patent application or patent; (collectively, hereinafter the "Assigned Patent Rights");

AND the Assignors will, 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 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/or any further documents relating to the Assigned Patent Rights or any part thereof, in the Assignee, its successors, assigns, nominees or legal representatives (as the case may be); and/or (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, perfect, enforce and/or defend any and all of the Assigned Patent Rights;

AND the Assignors covenant that the Assignors have not executed and will not execute any agreement in conflict herewith.

EXECUTED at	CALGARY, ALBERTA	CANADA
	(City or Town)	(Country)
this day of	, 20 <u>_13</u>	
Jason P. Abbate		
	STATEMENT OF WI	<u>INESS</u>
On this Compared to the Jason P. Abbate, known instrument.	lay of, 20, 20, 20	13 before me, personally appeared ified above who executed the foregoing
Witness Signature	Witness Address:	do Cenovus Energy Inc. Soo Cantre Street SE
Leather A.	Phillips	- Po Box Tlab
Type or Print Name	geninitied de plante de la company de la com	Calgary Alberta Ist OMS Canada

Assignment 16060-1(s)/5 Page 2 of 5

EXECUTED at	CALGARY, ALBERTA	CANADA
	(City or Town)	(Country)
this <u> '\</u> day of _	<u>Dane</u> . 20 <u>13</u> .	
Chad Barber		
	STATEMENT OF WIT	<u>NESS</u>
On this <u>&</u> Chad Barber, known binstrument.	day of	before me, personally appeared above who executed the foregoing
Witness Signature Hallow A.S Type or Print Name	Witness Address:	_clo Cenovus Energy Inc. Sox Contrest SE Po Box 766 Calgary Alberts To Fords Canada
EXECUTED at	CALCARY, ALRERTA (City or Town)	CANADA
thisday of	(City or Town)	(Country)
CEAN	never.	
Chris Elliott	······································	
	STATEMENT OF WITH	<u>NESS</u>
On this c Chris Elliott, known to instrument.	day of 20 /3 one to be the individual identifie	before me, personally appeared above who executed the foregoing
Witness Signature		<u>clo Cenovus Gnergy</u> Inc. <u>Soo Centre Street SE</u> Pa 80x 766
Heathur A. Phill. Type or Print Name	<u> </u>	Colgany, Alberta Tapons Canada
* *		

Assignment 16060-1(s)/5 Page 3 of 5

EXECUTED at	CACGARY, ALBERT	A CANADA
	(City or Town)	(Country)
this	20 _13 .	
Sim All	<u>*</u>	
Simon Gittins	, 	
	STATEMENT OF WITN	<u>ESS</u>
On this day of Simon Gittins, known to me instrument.	<u>june</u> . 20 <u>13</u> to be the individual identified	before me, personally appeared dabove who executed the foregoing
Witness Signature	Witness Address:	<u>Cla Cenevus Energylo</u> x. Sod Centre Street St
Type or Print Name	· ·	Po Box 766 Calgary, Alberto Tappas Carada
EXECUTED at	CALGARY, ALBORTA (City or Town)	CANADA
	(City or Town)	(Country)
this 14 day of Jux	ر <u>5 .</u> 20 <u>13</u> .	
	La	
Logan Popko		
	STATEMENT OF WITN	<u>ESS</u>
On this day of Logan Popko, known to me instrument.	, 20 <u>13</u> to be the individual identified	before me, personally appeared above who executed the foregoing
Witness Signature	Witness Address:	<u> do Cenovus Energy</u> Inc. <u>São Centre Street S</u> E
Heather A. Phillip Type or Print Name	<u> </u>	Po Box766 Calgary Alberta Tapoms Canada

Assignment 16060-1(s)/5 Page 4 of 5

EXECUTED at	CALGARY, ALBS	ERTA CANADA
	(City or Town)	(Country)
this day of	<u>flare, 20 13</u> .	
	The state of the s	
Maliha Zaman	· · · · · · · · · · · · · · · · · · ·	
	STATEMENT OF W	<u>ITNESS</u>
On this <u>©</u> d Maliha Zaman, known instrument.	ay of <u>lana</u> , 20 to me to be the individual ider	DS before me, personally appeared ntified above who executed the foregoing
Witness Signature	Witness Address:	<u>Cla Cenevus Energy</u> Inc. 500 Centre Street Sp
Heather A. Philli	υŚ	_PO_Box766 Calgary, Alberta
Type or Print Name		Tar ons Canada

Assignment 16060-1(s)/5 Page 5 of 5

PATENT REEL: 031824 FRAME: 0281

RECORDED: 12/19/2013