PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS CHARLES HANN	02/10/2010
WILLIAM NICHOLAS GARNER	02/10/2010

RECEIVING PARTY DATA

Name:	SUNCOR ENERGY INC.	
Street Address:	112-4th Avenue S.W.	
City:	Calgary, AB	
State/Country:	CANADA	
Postal Code:	T2P 2V5	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12969380

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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

Email: efiling@kmob.com

Correspondent Name: Knobbe Martens Olson & Bear LLP

Address Line 1: 2040 Main Street

Address Line 2: 14th Floor

Address Line 4: Irvine, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	SMARB24.016AUS
NAME OF SUBMITTED.	Daniel E. Altman

Total Attachments: 6

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PATENT REEL: 025507 FRAME: 0884

ASSIGNMENT

WHEREAS, the undersigned, whose full names and post office addresses are:

THOMAS CHARLES HANN

Box 67, RR2 Site 4 Onoway, Alberta T0E 1V0 Canada

WILLIAM NICHOLAS GARNER

31 Bell Crescent Fort McMurray, Alberta T9H 1K7 Canada

(collectively, the "Assignors"),

have invented certain new and useful inventions relating to:

APPARATUS AND METHOD FOR REGULATING FLOW THROUGH A PUMPBOX

(collectively, the "Inventions") as set out in Canadian Patent Application No. 2,689,021 having the same title filed in the Canadian Intellectual Property Office on December 23, 2009 (the "Patent Application");

AND WHEREAS, the Assignors have agreed to sell, assign and transfer all of their right, title and interest in and to the Inventions and all patent rights throughout the world in connection therewith, including any Letters Patent which may be granted in connection with the Inventions, to

SUNCOR ENERGY INC.

PO Box 38 112-4th Avenue S.W. Calgary AB T2P 2V5 Canada

(the "Assignee");

NOW THEREFORE, in consideration of the foregoing, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors hereby sell, assign, transfer, and set over unto the Assignee, and unto the Assignee's successors and assigns, all right, title and interest, for all countries and regions throughout the world, in and to:

(a) the Inventions; the Patent Application; all patents and patent applications relating to the Inventions including divisionals, continuations, continuations-in-part, international applications, national phase entry applications, renewals and reissues; all rights relating to the Inventions and all patent applications and patents relating thereto arising under any intellectual property treaty including the Paris Convention for the

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PATENT REEL: 025507 FRAME: 0885 Protection of Industrial Property and the Patent Cooperation Treaty; all rights of priority resulting from the filing of any of the foregoing; and all patents issuing on or from any of the foregoing; and

 (b) all right to recover damages, including royalties, for any past, present or future infringement of any patent application or patent identified in the preceding paragraph (a);

(collectively, the "Patent Rights").

As part of the foregoing:

The Assignors will, at the Assignee's (or its successor's or assign's, as the case may be) request and expense, promptly (i) assist with, execute and deliver all applications, declarations, verifications, responses, submissions, assignments and further documents relating to any and all Inventions, (ii) take all lawful oaths and (iii) do all such things, as may be requested by the Assignee (or the Assignee's successor's or assign's, as the case may be) from time to time and at any time, to enable the Assignee or the Assignee's nominees to procure, perfect, enforce, defend and maintain any and all of the Patent Rights.

For greater certainty, each of the terms "including", "include" and "includes", when used in this assignment, is not limiting whether or not non-limiting language (such as "without limitation", "without limiting the foregoing", "but not limited to" or words of similar import) is used with reference thereto. Unless the context requires otherwise, words importing the singular include the plural and vice versa.

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File No. 83743-138 Assignment Page 2 of 3

	nis assignment to be duly executed.				
EXECUTED BY THOMAS CHARLES HANN at	DMONTOWN) (City or Town)				
in Canada, this 10° day of 10° 20 10°					
THOMAS CHARLES HANN					
STATEMENT OF \	NITNESS				
On this 10 day of FEB, 2010, CHARLES HANN, known to me to be the indiv foregoing instrument.	before me, personally appeared THOMAS idual identified above who executed the				
Witness Signature Witness	Address: 120-5008-86 STEEFT EDMONTON, ALBERTA				
Type or Print Name	T6E 552				
IN WITNESS WHEREOF the Assignor has caused this assignment to be duly executed.					
EXECUTED BY WILLIAM NICHOLAS GARNER at _	(City or Town)				
in Canada, this day of, 20					
WILLIAM NICHOLAS GARNER					
	WITNESS				
STATEMENT OF V	before me, personally appeared WILLIAM				
On this day of, 20, NICHOLAS GARNER, known to me to be the ind foregoing instrument.	before me, personally appeared WILLIAM ividual identified above who executed the				
On this day of, 20, NICHOLAS GARNER, known to me to be the ind foregoing instrument.	before me, personally appeared WILLIAM ividual identified above who executed the				
On this day of, 20, NICHOLAS GARNER, known to me to be the ind foregoing instrument. Witness Signature	before me, personally appeared WILLIAM ividual identified above who executed the				
On this day of, 20, NICHOLAS GARNER, known to me to be the ind foregoing instrument. Witness	before me, personally appeared WILLIAM ividual identified above who executed the				

PATENT REEL: 025507 FRAME: 0887

ASSIGNMENT

WHEREAS, the undersigned, whose full names and post office addresses are:

THOMAS CHARLES HANN Box 67, RR2 Site 4 Onoway, Alberta T0E 1V0 Canada

WILLIAM NICHOLAS GARNER

31 Bell Crescent Fort McMurray, Alberta T8H 1K7 Canada

(collectively, the "Assignors"),

have invented certain new and useful inventions relating to:

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AND WHEREAS, the Assignors have agreed to sell, assign and transfer all of their right, title and interest in and to the Inventions and all patent rights throughout the world in connection therewith, including any Letters Patent which may be granted in connection with the Inventions, to

SUNCOR ENERGY INC.

PO Box 38 112-4th Avenue S.W. Calgary AB T2P 2V5 Canada

(the "Assignee");

NOW THEREFORE, in consideration of the foregoing, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignore hereby sell, assign, transfer, and set over unto the Assignee, and unto the Assignee's successors and assigns, all right, title and interest, for all countries and regions throughout the world, in and to:

(a) the Inventions; the Patent Application; all patents and patent applications relating to the Inventions including divisionals, continuations, continuations-in-part, international applications, national phase entry applications, renewals and relatings; all rights relating to the Inventions and all patent applications and patents relating thereto arising under any intellectual property treaty including the Paris Convention for the

> File No. 83743-138 Assignment

PATENT STATE

REEL: 025507 FRAME: 0888

Protection of Industrial Property and the Patent Cooperation Treaty; all rights of priority resulting from the filing of any of the foregoing; and all patents issuing on or from any of the foregoing; and

 (b) all right to recover damages, including royalties, for any past, present or future infringement of any patent application or patent identified in the preceding paragraph (a);

(collectively, the "Patent Rights").

As part of the foregoing:

The Assignors will, at the Assignee's (or its successor's or assign's, as the case may be) request and expense, promptly (i) assist with, execute and deliver all applications, deciarations, verifications, responses, submissions, assignments and further documents relating to any and all inventions, (ii) take all lawful oaths and (iii) do all such things, as may be requested by the Assignee (or the Assignee's successor's or assign's, as the case may be) from time to time and at any time, to enable the Assignee or the Assignee's nominees to procure, perfect, enforce, defend and maintain any and all of the Patent Rights.

For greater certainty, each of the terms "including", "include" and "includes", when used in this assignment, is not limiting whether or not non-limiting language (such as "without limitation", "without limiting the foregoing", "but not limited to" or words of similar import) is used with reference thereto. Unless the context requires otherwise, words importing the singular include the plural and vice versa.

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File No. 83743-138 Assignment

PATENT OF S

REEL: 025507 FRAME: 0889

IN WITNESS WHEREOF the Assignor has caused this assigna	ment to be duly executed.
EXECUTED BY THOMAS CHARLES HANN ST	(City or Town)
in Canada, thisday of	
THOMAS CHARLES HANN	
STATEMENT OF WITNESS	
On thisday of20, before me CHARLES HANN, known to me to be the individual ider foregoing instrument.	personally appeared THOMAS diffed above who executed the
Witness Signature Witness Address:	
	•••••
Type or Print Name	
IN WITNESS WHEREOF the Assignor has caused this assignm EXECUTED BY WILLIAM NICHOLAS GARNER at 10/2011/2 in Canada, this 10/2 day of 16/20/2022/2, 20/0 WILLIAM NICHOLAS GARNER	
STATEMENT OF WITNESS	
On this day of <u>FERRUARY</u> , 20 <u>/</u> 0, before me NICHOLAS GARNER, known to me to be the individual ide foregoing instrument.	, personally appeared WILLIAM ntified above who executed the
Witness Address: Witness Signature Type or Print Name	105 £ 100 200 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

Assignment
PATENT^{3 of 3}
RECORDED: 12/15/2010 REEL: 025507 FRAME: 0890