503405507 07/23/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOUGLAS ALEXANDER REBINSKY	07/21/2015

RECEIVING PARTY DATA

Name:	CATERPILLAR INC.
Street Address:	100 N.E. ADAMS STREET
City:	PEORIA
State/Country:	ILLINOIS
Postal Code:	61629-9510

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14807185

CORRESPONDENCE DATA

Fax Number: (202)408-4400

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202-408-4000

Email: faxserve@finnegan.com

Correspondent Name: CATERPILLAR/FINNEGAN, HENDERSON, L.L.P.

Address Line 1: 901 NEW YORK AVENUE, NW
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ATTORNEY DOCKET NUMBER:	08350.1943
NAME OF SUBMITTER:	DENA BOHANNON
SIGNATURE:	/Dena Bohannon/
DATE SIGNED:	07/23/2015

Total Attachments: 2

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PATENT 503405507 REEL: 036165 FRAME: 0187

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.1943-00000 Client Ref. No. 15-0300

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

FUEL GAS COMPOSITION SENSING SYSTEM

for which I/We will or have filed a patent application; and

WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is Intellectual Property Department, 100 N.E. Adams Street, Peoria, IL 61629-9510 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, and in and to the patent application for this invention and any and all patents to be issued upon this application throughout the world;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all patents which may be granted thereon, and all reissues thereof, as well as all rights to claim priority in any country or jurisdiction or patent office on the basis of this application, and all applications for patents which may hereafter be filed for this invention in any country or jurisdiction or patent office and all patents which may be granted on this invention in any country or jurisdiction or patent office, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request any official of any country or jurisdiction or patent office whose duty it is to issue patents on applications as described above, to issue all patents for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in any country or jurisdiction or patent office, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

AND, I/WE HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (<u>14/807,185</u>, filed July 23, 2015).

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SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.1943-0000 Client Ref. No. 15-0300

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

FULL NAME OF SOLE OR FIRST ASSIGNOR Douglas Alexander REBINSKY	ASSIGNOR'S SIGNATURE P	DATE 7/21/2015
ADDRESS 2621 W Manor Parkway, Peoria, IL	CITIZENSHIP CANADA	
1. WITNESS NAME	WITNERS SIGNATURE	DATE
Thomas E Paulson	Thomas E Bulson	21 July 2015
address 605 Northern Dak	s Drive	CITIZENSHIP
Groveland, IZ	61535	
z withess name Soliyyay Reyes Rodviauez	WITNESS SIGNATURE JULY JULY JULY JULY JULY JULY JULY JULY	July 215t, 2015
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