504021827 09/26/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4068486

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AXEL OTTO ZUR LOYE	05/13/2014
GEOMY GEORGE	05/13/2014
TIMOTHY P. LUTZ	05/13/2014
J. STEVEN KOLHOUSE	05/08/2014
C. LARRY BRUNER	05/06/2014

RECEIVING PARTY DATA

Name:	CUMMINS INC.
Street Address:	500 JACKSON STREET
City:	COLUMBUS
State/Country:	INDIANA
Postal Code:	47202

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15275882

CORRESPONDENCE DATA

Fax Number: (317)713-3699

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.

Phone: 317-713-3500

Email: taft-ip-docket@taftlaw.com

Correspondent Name: CUMMINS INC. TAFT, STETTINIUS & HOLLISTE

Address Line 1: ONE INDIANA SQUARE

Address Line 2: SUITE 3500

Address Line 4: INDIANAPOLIS, INDIANA 46204-2023

ATTORNEY DOCKET NUMBER:	CECO-1417
NAME OF SUBMITTER:	LISA SCHODROWSKI
SIGNATURE:	/LISA SCHODROWSKI/
DATE SIGNED:	09/26/2016

Total Attachments: 8

PATENT REEL: 039856 FRAME: 0339

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COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY AND DESIGN PATENT APPLICATIONS

DECLARATION

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

CYLINDER PRESSURE BASED CONTROL OF DUAL FUEL ENGINES

The application of which was filed as U.S. Patent Application Serial No. 14/174,276 on February 6, 2014.

the application of which is attached hereto,

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

ASSIGNMENT

WHEREAS, Axel Olto zur Loye of 1015 Tanbark Drive, Columbus, Indiana
47203, Geomy George of 3801 N Meridian St, Apt. 1404, Indianapolis, Indiana 48208,

Timothy P. Lutz of 3475 Riverside Drive, Columbus, Indiana 47203, Steven-J-Kolhouse
of 2561 South 550 West, Columbus, Indiana 47201 and C. Larry Bruner of 4860 Sloan
Terrace, Greenwood, Indiana 46143, hereinafter referred to as Assignors, have made
one or more new and useful inventions entitled CYLINDER PRESSURE BASED
CONTROL OF DUAL FUEL ENGINE for which Assignors have made or will make an
International PCT application and an application for Letters Patent of the United States
(hereinafter the "Applications"); and

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WHEREAS, Cummins Inc., hereinafter referred to as Assignee, a corporation of

the State of Indiana, having a principal place of business at 500 Jackson Street,

Columbus, Indiana 47202, desires to acquire all of the entire right, title and interest in,

to and under the one or more inventions disclosed, described and claimed or intended

so to be in the Applications, and in, to and under the Applications, and in, to and under

any and all Letters Patent, United States and foreign, which may be obtained therefore

and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in

consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient

considerations to Assignors in hand paid, the receipt of which is hereby acknowledged.

Assignors have sold, assigned and transferred, and by these presents do sell, assign

and transfer unto Assignee, all of the entire right, title, and interest in, to and under the

one or more inventions disclosed, described and claimed or intended so to be in the

Applications, and any and all other applications thereon and arising therefrom, including

any and all applications claiming the benefit thereof, and any and all divisions,

continuations, and continuations-in-part thereof, and any and all patents to be issued

and obtained therefor and thereon, United States and foreign, including all reissues and

extensions thereof.

Assignor hereby authorizes Assignee, its counsel, or its agents to fill-in some or

all of the following list of information items (a) through (b) at the discretion of the

Assignee, its counsel, or its agents:

COMBINED ASSIGNMENT AND DECLARATION CECO-1031/13-0199-SRC

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(a)	Serial Number of the Application	s: <u>14/174,276</u>	
(b)	Filing Date of the Applications:	February 6, 2014	
Assig	nor hereby authorizes and reques	it the Honorable Assistant	: Secretary and

Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this	ay of <u>May</u> , 2014. The Toys Axel Otto zur Loye
appeared Axel Otto zur Loye, who, be the execution of the foregoing "Assign	in and for said County and State, personally eing first duly sworn upon his oath, acknowledged
JANET ANN BALZER Notary Public Seal State of Indiana My Commission Expires Apr 30, 2021 My Commission Expires: April 30, 2521	Notary Public Printed: JANET ANN BALZER Resident of BARTHILLIAM County

COMBINED ASSIGNMENT AND DECLARATION CECO-1031/ 13-0199-SRC Page 4 of 8

WITNESS Assignor's hand the	his <u>/3</u> day of <u>MAY</u> , 2014.
	(Charles)
	Geomy George .
STATE OF INDIANA	
COUNTY OF <u>BARTHOLOMEN</u>):	SS
	ic, in and for said County and State, personally ing first duly sworn upon his oath, acknowledged the nent" as his voluntary act and deed.
	arial Seal-this <u>/3</u> day of <u>MA /</u> , 2014.
JANET ANN BALZER Notary Public- Seel State of Indiana My Commission Expires Apr 30, 2021	Notary Public School
ation the the the the other the	Printed: JANET ANN BALZER
My Commission Expires:	Resident of BALTHOLOMENCounty

WITNESS Assignor's hand	this <u>13</u> day of <u>74 y</u>	, 2014.
	- JA	
	Timothy P. Lutz	
STATE OF THDIANA)	
COUNTY OF BARTHOLOGIEW)	: SS	
appeared Timothy P. Lutz, who, be execution of the foregoing "Assignr	lic, in and for said County and eing first duly sworn upon his oath, a ment" as his voluntary act and deed.	acknowledged the
- MA	tarial Seal this 13 day of 41	<u>19</u> , 2014,
JANET ANN BALZER Notary Public - Seal State of Indiana	Notary Public	<u> 29 - </u>
My Commission Expires Apr 30, 2021	Printed: JAVET AND B	azer
My Commission Expires:	Resident of <u>BACTITULOUE</u>	<u></u> County
<u> April 30, 2021</u>		

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WITNESS Assignor's hand this	
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	The state of the s
	Steven P-Kolhouse JSK.
	7. Steven Kalkonse 9/23/2016
	1/231000
STATE OF <u>TADIANA</u>)	
COUNTY OF BARTHALLAMEN): SS	
Before me, a Notary Public, is appeared Steven P. Kolhowse, who, beld the execution of the foregoing "Assignm J. Steven Laihouse! WITNESS my hand and Notarial	n and for said County and State, personally
appeared Stevent P. Kolhowse, who, bel	ing first duly swom upon his oath, acknowledged
the execution of the foregoing "Assignm	ent" as his voluntary act and deed.
13010 7 Steran Knippones	σ . ,
WITNESS my hand and Notarial	Seal this day of
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JANET ANN BALZER	Calitude A Q
Notary Public- Seat	The state of the s
State of Indiana Wy Commission Expires Apr 30, 2021	(Notary Fublic -
System of the all the	Printed: JANET ANN BALZEY
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	Resident of BALTHI COVEW County
My Commission Expires:	- to vocation of years year and a country
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<u> April 30, 2021</u>	

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WITNESS Assignor's har	nd this 6th day of	May Bum	, 2014.
STATE OF <u>Juliana</u> COUNTY OF <u>BARTHOUMEN</u> Before me, a Notary P appeared C. Larry Bruner, who, execution of the foregoing "Assignment of the state	being first duly sworn gnment" as his volunta	upon his oath, ack ry act and deed.	nowledged the
WITNESS my hand and N JANET ANN BALZER Notary Public- Sasi State of Indians My Commission Expires Apr 30, 2021 My Commission Expires: April 30, 2027	Notary Public Printed:	ay or 10 My AND BO WET ANN B MARTHOGOMEN	2 ALZER

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RECORDED: 09/26/2016