

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6347824

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MING-FENG HSIEH	11/07/2016
ANDREW G. KITCHEN	11/14/2016
AXEL OTTO ZUR LOYE	11/07/2016
JINGHUA ZHONG	11/07/2016
RICHARD A. BOOTH	11/02/2016
ROBERT J. THOMAS	11/14/2016
JISANG SUN	11/07/2016
RECEIVING PARTY DATA	
Name:	CUMMINS INC.
Street Address:	500 JACKSON STREET
City:	COLUMBUS
State/Country:	INDIANA
Postal Code:	47201
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17069461
CORRESPONDENCE DATA	
Fax Number:	(317)713-3699
<i>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.</i>	
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-1879
NAME OF SUBMITTER:	LISA SCHODROWSKI
SIGNATURE:	/Lisa Schodrowski/
DATE SIGNED:	10/13/2020

PATENT

Total Attachments: 10

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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

**SPARK IGNITION ENGINE CONTROL WITH EXHAUST MANIFOLD PRESSURE
SENSOR**

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, Ming-Feng Hsieh of 197 Deer Trails, Nashville, Indiana 47448; Andrew G. Kitchen of 20 Bradbury Road, Newnham, Daventry, United Kingdom NN1 13HD; Axel Otto zur Loye of 1015 Tanbark Drive, Columbus, Indiana 47203; Jinghua Zhong of 929 S. Fenbrook Court, Bloomington, Indiana 47401; Richard A. Booth of 3432 Grove Place, Columbus, Indiana 47203; Robert J. Thomas of 6310 Jakes Place, Indianapolis, Indiana 46237; and Jisang Sun of 6082 Basswood Dr., Columbus, Indiana 47201, hereinafter referred to as Assignors, have made one or more new and useful inventions in **SPARK IGNITION ENGINE CONTROL WITH EXHAUST MANIFOLD PRESSURE SENSOR** for which Assignors have made or will make an International patent application and/or application for Letters Patent of the United States (hereinafter the "Applications"); and

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 47201, 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.

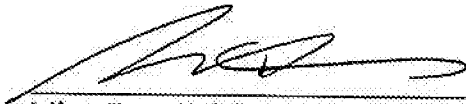
Assignors hereby authorize Assignee, its counsel, or its agents to fill-in some or all of the following list of information items (a) through (b) at the discretion of the Assignee, its counsel, or its agents:

- (a) Serial Number of the Application: _____
- (b) Filing Date of the Application: _____

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree 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 7th day of NOVEMBER, 2016.

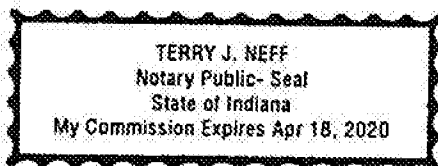


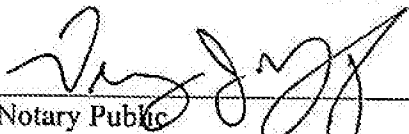
Ming-Feng Hsieh

STATE OF INDIANA)
COUNTY OF JACKSON) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Ming-Feng Hsieh, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 7th day of NOVEMBER, 2016.





Notary Public

Printed: TERRY J. NEFF

Resident of JACKSON County

My Commission Expires:

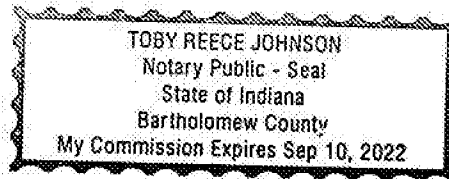
18-APR-2020

WITNESS Assignor's hand this 14th day of November, 2016.

A.G. Kitchen
Andrew G. Kitchen

Witness: Toby Reece Johnson
(signed)

TOBY REECE JOHNSON
(printed)



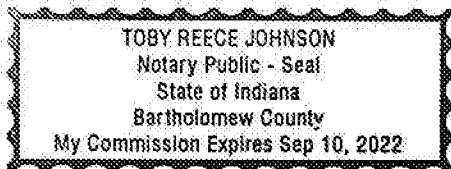
WITNESS Assignor's hand this 7th day of November, 2016.

Axel Otto zur Loye
Axel Otto zur Loye

STATE OF INDIANA)
COUNTY OF BARTHOLOMEW): SS

Before me, a Notary Public, in and for said County and State, personally appeared Axel Otto zur Loye, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 7th day of NOVEMBER, 2016.



Toby Reece Johnson
Notary Public

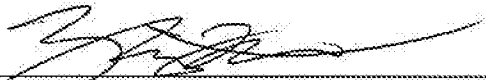
Printed: TOBY REECE JOHNSON

Resident of BARTHOLOMEW County

My Commission Expires:

SEP. 10, 2022

WITNESS Assignor's hand this 7th day of November, 2016.

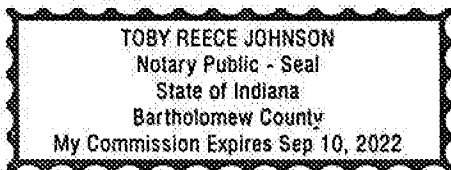


Jinghua Zhong

STATE OF INDIANA)
) : SS
COUNTY OF BARTHOLOMEW)

Before me, a Notary Public, in and for said County and State, personally appeared Jinghua Zhong, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 7th day of NOVEMBER, 2016.





Notary Public

Printed: TOBY REECE JOHNSON

Resident of BARTHOLOMEW County

My Commission Expires:

SEP. 10, 2022

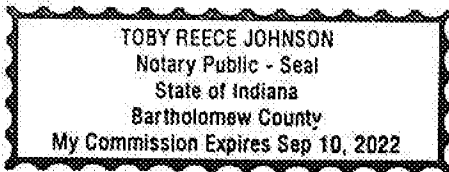
WITNESS Assignor's hand this 2 day of NOVEMBER, 2016.

Richard A. Booth
Richard A. Booth

STATE OF INDIANA)
) : SS
COUNTY OF BARTHOLOMEW

Before me, a Notary Public, in and for said County and State, personally appeared Richard A. Booth, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 2nd day of NOVEMBER, 2016.



Toby Reece Johnson
Notary Public

Printed: TOBY REECE JOHNSON

Resident of BARTHOLOMEW County

My Commission Expires:

SEP. 10, 2022

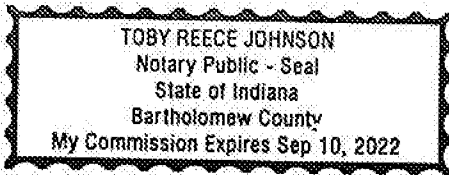
WITNESS Assignor's hand this 14 day of November, 2016.

Robert J. Thomas
Robert J. Thomas

STATE OF INDIANA)
COUNTY OF BARTHOLOMEW): SS

Before me, a Notary Public, in and for said County and State, personally appeared Robert J. Thomas, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 14 day of NOVEMBER, 2016.



Toby Reece Johnson
Notary Public

Printed: TOBY REECE JOHNSON

Resident of BARTHOLOMEW County

My Commission Expires:

SEP. 10, 2022

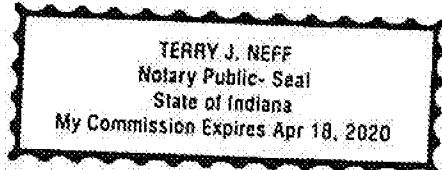
WITNESS Assignor's hand this _____ day of _____, 2016.

Jisang Sun

STATE OF INDIANA)
) : SS
COUNTY OF JACKSON)

Before me, a Notary Public, in and for said County and State, personally appeared Jisang Sun, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 7th day of NOVEMBER, 2016.



Terry J. Neff
Notary Public

Printed: TERRY J. NEFF

Resident of JACKSON County

My Commission Expires:
18-APR-2020