

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2998645

| | |
|---|-----------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ABDUL OFOLI | 08/06/2014 |
| 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: | 13646891 |
| CORRESPONDENCE DATA | |
| Fax Number: | (317)636-1507 |
| <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> | |
| Email: | ipdocketing@kdlegal.com |
| Correspondent Name: | KRIEG DEVAULT LLP |
| Address Line 1: | ONE INDIANA SQUARE |
| Address Line 2: | SUITE 2800 |
| Address Line 4: | INDIANAPOLIS, INDIANA 46204 |
| ATTORNEY DOCKET NUMBER: | CECO-925 |
| NAME OF SUBMITTER: | MEAGAN L. MOLINE |
| SIGNATURE: | // Meagan L. Moline // |
| DATE SIGNED: | 08/27/2014 |
| Total Attachments: 8 | |
| source=ASSIGNMENT#page1.tif | |
| source=ASSIGNMENT#page2.tif | |
| source=ASSIGNMENT#page3.tif | |
| source=ASSIGNMENT#page4.tif | |
| source=ASSIGNMENT#page5.tif | |
| source=ASSIGNMENT#page6.tif | |
| source=ASSIGNMENT#page7.tif | |

PATENT

ASSIGNMENT

WHEREAS, Ashwin Vyas of 900 Wint Drive, Apt. C, Columbus, Indiana 47201; Vivek A. Sujan of 4133 Sandpiper Lane, Columbus, Indiana 47203; Andrew W. Osburn of 8775 State Road 46 East, Nashville, Indiana 47448; Abdul Ofoli of 130 West Brunswick Drive, Apt. H, Columbus, Indiana 47201; Govindarajan Kothandaraman of 3244 Skyview Court, Columbus, Indiana 47203; and Karim Azizou of 1032 S. Central Park Blvd., Greenwood, Indiana 46143, hereinafter referred to as Assignors, have made one or more new and useful inventions in SYSTEMS AND METHODS FOR CORRECTING MASS AIRFLOW SENSOR DRIFT for which Assignors have made or will make application for Letters Patent of the United States and has made a Provisional Application No. 61/562,132 on November 21, 2011 (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 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 Application entitled

SYSTEMS AND METHODS FOR CORRECTING MASS AIRFLOW SENSOR DRIFT, 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 acknowledge that the Application was executed concurrently herewith unless a different execution date is indicated in item (a) below. Assignors hereby authorize Assignee, its counsel, or its agents to fill-in some or all of the following list of information items (a) through (c) at the discretion of the Assignee, its counsel, or its agents:

- (a) Execution Date of the Application: _____
- (b) Patent Office Number of the Application: 13/646,891
- (c) Filing Date of the Application: October 08, 2012

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 3rd day of October, 2012.

Ashwin Vyas
Ashwin Vyas

STATE OF Indiana)
COUNTY OF Bartholomew) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Ashwin Vyas, 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 3rd day of October, 2012.

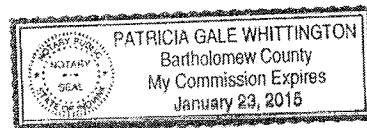
Patricia Gale Whittington
Notary Public

Printed: PATRICIA GALE WHITTINGTON

Resident of Bartholomew County

My Commission Expires:

January 23, 2015



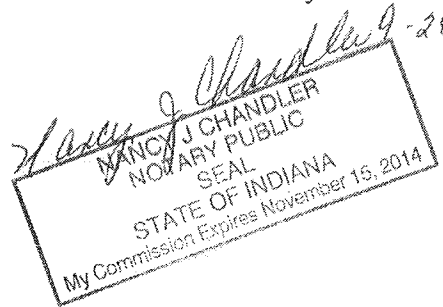
WITNESS Assignor's hand this 28th day of SEPT, 2012.

Vivek A. Sujan
Vivek A. Sujan

STATE OF Indiana)
) : SS
COUNTY OF Bartholomew

Before me, a Notary Public, in and for said County and State, personally appeared Vivek A. Sujan, 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 28th day of September, 2012.



Nancy J. Chandler
Notary Public

Printed: NANCY J. CHANDLER

Resident of Bartholomew County

My Commission Expires:

November 15, 2014

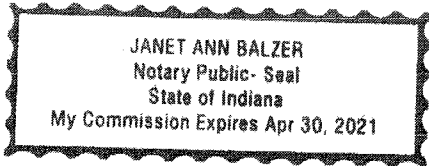
WITNESS Assignor's hand this 19th day of June, 2013.

Andrew W. Osburn
Andrew W. Osburn

STATE OF INDIANA)
) : SS
COUNTY OF BARTHOLOMEW)

Before me, a Notary Public, in and for said County and State, personally appeared Andrew W. Osburn, 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 19 day of June, 2013.



Janet Ann Balzer
Notary Public

Printed: JANET ANN BALZER

Resident of BARTHOLOMEW County

My Commission Expires:

April 30, 2021

WITNESS Assignor's hand this 6 day of August, 2014.

[Signature]
Abdul Ofoli

STATE OF TN)
) : SS
COUNTY OF Hamilton)

Before me, a Notary Public, in and for said County and State, personally appeared Abdul Ofoli, 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 6 day of August, 2014.



[Signature]
Notary Public

Printed: Ashley Robertson

Resident of Hamilton County

My Commission Expires:
06-20-2018

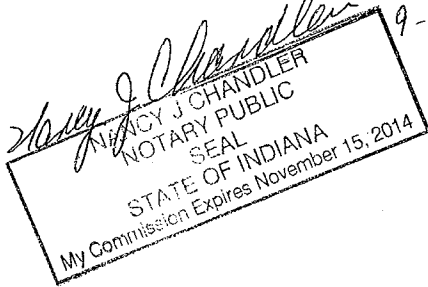
WITNESS Assignor's hand this 27th day of September, 2012.

K. Govindarajan
Govindarajan Kothandaraman

STATE OF INDIANA)
COUNTY OF BARTHOLOMEW) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Govindarajan Kothandaraman, 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 27th day of September, 2012.




Nancy J. Chandler
Notary Public

Printed: NANCY J. CHANDLER

Resident of Bartolomew County

My Commission Expires:
November 15, 2014

WITNESS Assignor's hand this 28 day of JUNE, 2014.

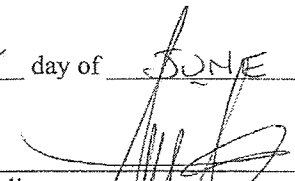

Karim Azizou

PROVINCE
KA STATE OF BRITISH COLUMBIA)
COUNTY OF BURNABY) : SS
KA CITY

KA
Province City

Before me, a Notary Public, in and for said County and State, personally appeared Karim Azizou, 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 28 day of JUNE, 2014.


Notary Public
Printed: **FERNAD SEAN AMIRI**
Lawyer & Notary Public
1141-4700 Kingsway
Resident of Burnaby, B.C. V5H 4M1 County
TEL: 604-434-5100

My Commission Expires:

DECEMBER 31/2014

KD_4517988_1.DOC

WITNESSED AS TO EXECUTION ONLY
NO LEGAL ADVICE PROVIDED OR REQUESTED

