

U.S. PTO
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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

11-24-2009



103581541

To the Director of the U.S. Patent and

ments or the new address(es) below.

1. Name of conveying party(ies)

Aleksey Yezerets
Pradeep Prasad
Yuetao Zhang
Daniel D. Wilhelm
Neal W. Currier

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 7/31/09, 8/4/09, and 8/25/09

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Cummins Inc.

Internal Address: _____

Street Address: 500 Jackson Street

City: Columbus

State: Indiana

Country: USA Zip: 47202

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

New Application

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: L. Scott Paynter

Internal Address: Krieg DeVault LLP

Street Address: One Indiana Square, Suite 2800

City: Indianapolis

State: IN Zip: 46204

Phone Number: (317) 636-4341

Fax Number: (317) 636-1507

Email Address: ipdocketing@kdlegal.com

6. Total number of applications and patents involved: One (1)

7. Total fee (37 CFR 1.21(h) & 3.41) \$40

- ☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

November 13, 2009

Date

L. Scott Paynter
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

8

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

11/17/2009 EFLGRES 22000007 12590788

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PATENT
REEL: 023562 FRAME: 0070

ASSIGNMENT

WHEREAS, Aleksey Yezerets of 231 Oakbrook Drive, Columbus, IN 47201, Pradeep Prasad of 4529 Rosebud Drive, Columbus, Indiana; Yuetao Zhang of 4642 Rosebud Drive, Columbus, IN 47203, Daniel D. Wilhelm of 737 Creamer Drive, Nashville, IN 47448, and Neal W. Currier of 1702 North Ridgewood Drive, Columbus, IN 47203, hereinafter referred to as Assignors, have made one or more new and useful inventions in **SYSTEM, METHOD, AND APPARATUS FOR FUEL INJECTOR DIAGNOSTICS** for which Assignors have made or will make application for Letters Patent of the United States (hereinafter the "Application"); 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 Application, and in, to and under the Application, 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 does 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 **SYSTEM, METHOD, AND APPARATUS FOR FUEL INJECTOR**

DIAGNOSTICS, 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: New Application
- (c) Filing Date of the Application: Filed Herewith

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 31 day of July, 2009.

Aleksey Yezerets

STATE OF Indiana)
) : SS
COUNTY OF Bartholomew)

Before me, a Notary Public, in and for said County and State, personally appeared Aleksey Yezerets, 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 31st day of July, 2009.

Donna Dettmer
Notary Public

Printed: DONNA DETTIMER

Resident of Bartholomew County

My Commission Expires:

December 20, 2014

WITNESS Assignor's hand this 25 day of August, 2009.

P. Pradeep

Pradeep Prasad

STATE OF Indiana)
COUNTY OF Bartholomew) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Pradeep Prasad, 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 25th day of August, 2009.

Connie L. Jackson
Notary Public

Printed: Connie L. Jackson

Resident of Bartholomew County

My Commission Expires:

MARCH 4, 2017

WITNESS Assignor's hand this 25th day of August, 2009.


Yuetao Zhang

STATE OF INDIANA)
COUNTY OF Bartholomew) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Yuetao Zhang, 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 25th day of August, 2009.


Notary Public

Printed: CONNIE L JACKSON

Resident of Bartholomew County

My Commission Expires:

March 4, 2017

WITNESS Assignor's hand this 25th day of August, 2009.

Daniel D. Wilhelm

Daniel D. Wilhelm

STATE OF INDIANA)
COUNTY OF Bartholomew) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Daniel D. Wilhelm, 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 25 day of August, 2009.

Connie L. Jackson
Notary Public

Printed: Connie L. JACKSON

Resident of BARTHOLOMEW County

My Commission Expires:

MARCH 4, 2017

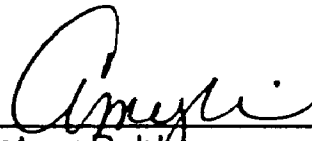
WITNESS Assignor's hand this 4 day of August, 2009.


Neal W. Currier

STATE OF Indiana)
COUNTY OF Bartholomew) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Neal W. Currier, 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 4th day of August, 2009.


Notary Public
Printed: Amy Engleking
Resident of Jackson County

My Commission Expires:

12/5/09