

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Marten H. Dane</td> <td>01/16/2013</td> </tr> <tr> <td>Samuel C. Geckler</td> <td>01/16/2013</td> </tr> <tr> <td>Sudhanshu Talwar</td> <td>01/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	Marten H. Dane	01/16/2013	Samuel C. Geckler	01/16/2013	Sudhanshu Talwar	01/16/2013		
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<table border="1"> <tr> <td>Name:</td> <td>Cummins Inc.</td> </tr> <tr> <td>Street Address:</td> <td>500 Jackson Street</td> </tr> <tr> <td>City:</td> <td>Columbus</td> </tr> <tr> <td>State/Country:</td> <td>INDIANA</td> </tr> <tr> <td>Postal Code:</td> <td>47202</td> </tr> </table>		Name:	Cummins Inc.	Street Address:	500 Jackson Street	City:	Columbus	State/Country:	INDIANA	Postal Code:	47202
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13744928</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13744928						
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CORRESPONDENCE DATA											
Fax Number:	3176361507										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	317-636-4341										
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Correspondent Name:	Krieg DeVault LLP										
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ATTORNEY DOCKET NUMBER:	CECO-974										
NAME OF SUBMITTER:	Douglas A. Collier										
This document serves as an Oath/Declaration (37 CFR 1.63).											

OP \$40.00 13744928

Total Attachments: 6

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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 **SYSTEMS AND METHODS FOR DEDICATED EXHAUST GAS RECIRCULATION AND CONTROL**

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, Marten H. Dane of 3671 Highview Way, Columbus, Indiana 47203; Samuel C. Geckler of 2073 Pinewood Drive, Columbus, Indiana 47203; and Sudhanshu Talwar of 1245C Thornton Court, Columbus, Indiana 47201, hereinafter referred to as Assignors, have made one or more new and useful inventions in **SYSTEMS AND METHODS FOR DEDICATED EXHAUST GAS RECIRCULATION AND CONTROL** 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 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 DEDICATED EXHAUST GAS RECIRCULATION AND CONTROL**, 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:

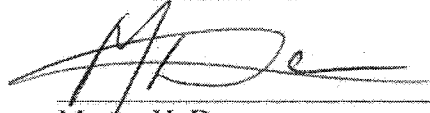
- (a) Execution Date of the Application: \_\_\_\_\_
- (b) Patent Office Number of the Application: 13/744,928
- (c) Filing Date of the Application: January 18, 2013

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.



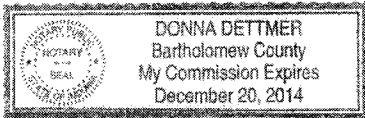
WITNESS Assignor's hand this 16 day of JANUARY, 2013.

  
Marten H. Dane

STATE OF Indiana )  
 ) : SS  
COUNTY OF Bartholomew )

Before me, a Notary Public, in and for said County and State, personally appeared Marten H. Dane, 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 16th day of January, 2013.



  
Notary Public

Printed: DONNA DETTMER

Resident of BARTHOLOMEW County

My Commission Expires:

December 20, 2014

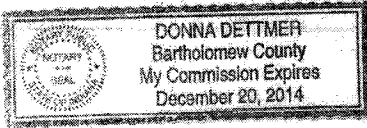
WITNESS Assignor's hand this 16 day of January, 2013.

Samuel C. Geckler  
Samuel C. Geckler

STATE OF Indiana )  
  ) : SS  
COUNTY OF Bartholomew )

Before me, a Notary Public, in and for said County and State, personally appeared Samuel C. Geckler, 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 16th day of January, 2013.



Donna Dettmer  
Notary Public

Printed: DONNA DETTMER

Resident of BARTHOLOMEW County

My Commission Expires:

December 20, 2014

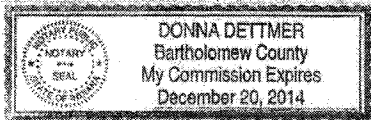
WITNESS Assignor's hand this 16<sup>th</sup> day of January, 2013.

Sudhanshu Talwar  
Sudhanshu Talwar

STATE OF Indiana )  
 ) : SS  
COUNTY OF Bartholomew )

Before me, a Notary Public, in and for said County and State, personally appeared Sudhanshu Talwar, 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 16<sup>th</sup> day of January, 2013.



Donna Dettmer  
Notary Public  
Printed: DONNA DETTMER  
Resident of BARTHOLOMEW County

My Commission Expires:

December 20, 2014

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