

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2994474

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TYLER LORENZ	08/13/2014
VIPIN IYER	08/18/2014
KEN HUMMEL	08/13/2014
RAHUL KALLURWAR	08/15/2014
JUSTIN KRUER	08/15/2014
JAMES KLINGBEIL	08/13/2014
RECEIVING PARTY DATA	
Name:	CUMMINS EMISSION SOLUTIONS, INC.
Street Address:	500 JACKSON STREET
City:	COLUMBUS
State/Country:	INDIANA
Postal Code:	47201
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14456438
CORRESPONDENCE DATA	
Fax Number:	
<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:	312-832-4500
Email:	ipdocketing@foley.com, dkong@foley.com
Correspondent Name:	FOLEY & LARDNER LLP
Address Line 1:	3000 K STREET NW
Address Line 2:	SUITE 600
Address Line 4:	WASHINGTON, D.C. 20007
ATTORNEY DOCKET NUMBER:	106389-3189
NAME OF SUBMITTER:	MARSHALL J BROWN
SIGNATURE:	/marshall j brown/
DATE SIGNED:	08/25/2014
Total Attachments: 8	

PATENT

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Cummins Emission Solutions, Inc.
500 Jackson Street
Columbus, Indiana 47201

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

DUAL FUEL DIESEL OXIDATION CATALYST WITH REMOVABLE CATALYSTS

as set forth in this United States Patent Application

check one executed concurrently herewith,
 executed on _____,
 Serial No. 14/456,438 Filed 8/11/2014

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

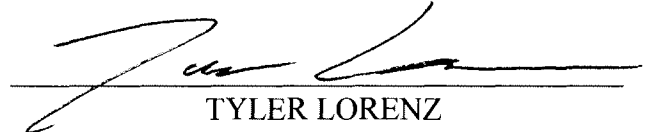
ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 13 day of AUGUST, 2014.



TYLER LORENZ

State of WISCONSIN)

County of DANE)

On this 13th day of August, 2014, before me, Darcy Prokopen (a notary public in and for said county), personally appeared TYLER LORENZ, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Darcy Prokopen

My Commission Expires: 3-30-18

Executed this _____ day of _____, 20____.

VIPIN IYER

State of _____)

County of _____)

On this _____ day of _____, 20____, before me, _____ (a notary public in and for said county), personally appeared VIPIN IYER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

Executed this _____ day of _____, 20__.

TYLER LORENZ

State of _____)

County of _____)

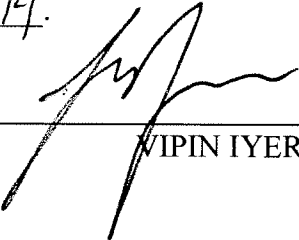
On this _____ day of _____, 20__, before me, _____ (a notary public in and for said county), personally appeared TYLER LORENZ, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

Executed this 18 day of Aug, 2014.



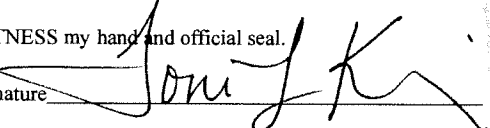
VIPIN IYER

State of Indiana)

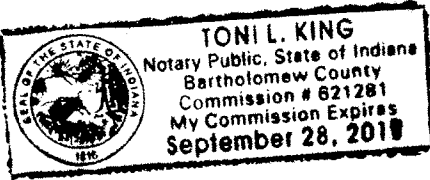
County of Bartholomew)

On this 18th day of ~~Sept~~ August 2014, before me, Toni L. King (a notary public in and for said county), personally appeared VIPIN IYER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature 

My Commission Expires: Sept. 28, 2018



Executed this 13 day of August, 2014.

Ken Hummel
KEN HUMMEL

State of Wisconsin)
County of Dane)

On this 13th day of August, 2014, before me, Darcy Prokopc (a notary public in and for said county), personally appeared KEN HUMMEL, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Darcy Prokopc

My Commission Expires: 3-30-14

Executed this _____ day of _____, 20__.

RAHUL KALLURWAR

State of _____)
County of _____)

On this _____ day of _____, 20__, before me, _____ (a notary public in and for said county), personally appeared RAHUL KALLURWAR, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

Executed this 15 day of AUGUST, 2014.



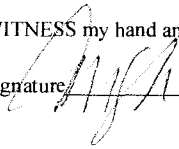
JUSTIN KRUER

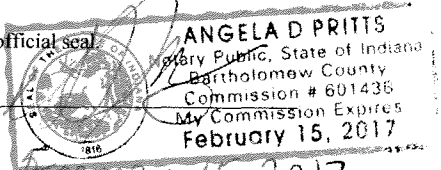
State of INDIANA)
County of Bartholomew)

On this 15 day of August, 2014, before me, Angela D Pritts (a notary public in and for said county), personally appeared JUSTIN KRUER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature





My Commission Expires: FEBRUARY 15, 2017

Executed this _____ day of _____, 20__.

JAMES KLINGBEIL

State of _____)
County of _____)

On this _____ day of _____, 20__, before me, _____ (a notary public in and for said county), personally appeared JAMES KLINGBEIL, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

Executed this _____ day of _____, 20__.

JUSTIN KRUER

State of _____)

County of _____)

On this _____ day of _____, 20__, before me, _____ (a notary public in and for said county), personally appeared JUSTIN KRUER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

Executed this 13 day of August, 2014.

James Klingbeil
JAMES KLINGBEIL

State of Wisconsin)

County of Dane)

On this 13th day of August, 2014, before me, Darcy Prokopoc (a notary public in and for said county), personally appeared JAMES KLINGBEIL, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Darcy Prokopoc

My Commission Expires: 3-30-14

Executed this _____ day of _____, 20__.

KEN HUMMEL

State of _____)

County of _____)

On this _____ day of _____, 20__, before me, _____ (a notary public in and for said county), personally appeared KEN HUMMEL, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

Executed this 15 day of August, 2014.

Rahul

RAHUL KALLURWAR

State of INDIANA)

County of Bartholomew)

On this 15 day of August, 2014, before me, Angela D Pritts (a notary public in and for said county), personally appeared RAHUL KALLURWAR, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Angela D Pritts*


My Commission Expires: FEBRUARY 15, 2017

