505910153 02/11/2020

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| YOGESH GAJANAN DATAR | 04/24/2018 |
| ASWIN KUMAR MUTHUKUMAR | 04/24/2018 |
| MICHAEL ANDREW LUCAS | 04/24/2018 |

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: | 16787227 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 106389-6121 |
|-------------------------|------------------------|
| NAME OF SUBMITTER: | ROBERTO J. FERNANDEZ |
| SIGNATURE: | /Roberto J. Fernandez/ |
| DATE SIGNED: | 02/11/2020 |

Total Attachments: 5

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PATENT REEL: 051783 FRAME: 0294

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 INC. 500 Jackson Street Columbus, IN 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

FUEL INJECTOR CLEANING SYSTEM, FLUID, AND METHOD

| check one | [] executed concurrently herewith, |
|-----------|---|
| | executed on |
| | X Serial No. 15/958,118 Filed 4/20/2011 |

as set forth in this United States Patent Application

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.

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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 24 day of April, 2018. | M .* |
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| | YOGESH GAJANAN DATAR |

State of <u>INDTAMA</u>
County of <u>BANNOLOMO</u>

On <u>April 24, 2018</u>

, before me,

Penny S Stroy, Notary Public Here insert Name and Title of the Officer (Natury Public)

personally appeared <u>YOGESH GAJANAN DATAR</u>
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/their executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENAL/TY OF PERIURY that the foregoing paragraph is true and correct.

WITNESS my hand and official leal.

Signature

Signature of Notary Public

Place Notary Scal Above

PENNY S. STROUP
Notary Public, State of Indians
Bartholomew County
Commission #825301
My Commission Expires
April 09, 2019

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| -AK |
| KUMAR MUTHUKUMAR |
| |
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State of TNDtava County of BARTHOLDMEN)

On Apil24, 2018, before me, Penny S STROUP, Notary Public

Date Here insert Name and Title of the Officer (Notary Public)

personally appeared <u>ASWIN KUMAR MUTHUKUMAR</u> Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/their executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY that the foregoing paragraph is true and correct.

WITNESS my hand and official Cal.

Signature Lewis

Signature of Nytary Public

Place Notary Seal Above

PENNY S. STROUP
Notary Public, State of Indiana
Bertholomew County
Commission # 625301
My Commission Expires
April 09, 2019

Executed this 24 day of April , 20/8.

MICHAEL ANDREW LUCAS

State of <u>INDIANA</u>

County of <u>BARTHADHEW</u>

On April 24, 2018, before me, Penny S Stroup Notary Public Here insert Name and Title of the Officer (Notary Public)

personally appeared <u>MICHAEL ANDREW LUCAS</u> Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/their executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY that the foregoing paragraph is true and correct.

WITNESS my haped and official beat.

Signature Lune 1

Signature of Notary Public

Place Notary Seal Above

PENNY S. STROUP
Notary Public, State of Indian.
SEAL Commission #625301
My Commission Expires
April 09, 2019

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