505599602 07/31/2019

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JENNIFER K. LIGHT-HOLETS	02/04/2016

#### **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:	16527971

#### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	CHELSEY A. MCCORY
SIGNATURE:	/chelsey a. mccory/
DATE SIGNED:	07/31/2019

### **Total Attachments: 3**

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PATENT 505599602 REEL: 049920 FRAME: 0970

# ASSIGNMENT

Attorney Docket No.: CI-15-0213-01-US Page 1 of 3

First Named Inventor: Praveen C. Muralidhar

Title: ENGINE START/STOP CONTROL SYSTEM AND

WHEREAS, we, Praveen C. Muralidhar, residing at 3015 Whisperwood Drive, Apt. 265, Ann Arbor, Michigan 48015, Martin T. Books, residing at 208 19th Street, Columbus, Indiana 47201 and Jennifer K. Light-Holets, residing at 1231 Winter Hawk Ct., Greenwood, IN 46143 and, have invented certain new and useful improvements as described in an application entitled ENGINE START/STOP CONTROL SYSTEM AND METHOD, in which a provisional patent application in the United States was made, the application having Application Serial No. 62/207,143, filed August 19, 2015; and

**METHOD** 

WHEREAS, to CUMMINS INC., a limited liability company of the State of Indiana, and having an address of 500 Jackson Street, Columbus, IN 47201, United States of America ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including provisionals, divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, or our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Praveen C. Muralidhar

Date \\ 10/15/6.

State of Indiana

County of DUCTATION

Subscribed and sworn to (or affirmed) before me on this 3 rd day of UCTOBER

Praveen C. Murajahar, proved to the on the basis of satisfactory evidence to be the person who appeared before

mc.

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(Seal)

# ASSIGNMENT

Attorney Docket No.: CI-15-0213-01-US

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First Named Inventor: Praveen C. Muralidhar

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ENGINE START/STOP CONTROL SYSTEM AND

**METHOD** 

Martin T. Books

Date Feb 5 Zolb

State of Indiana

County of BARTHOLOGYEW)

Subscribed and sworn to (or affirmed) before me on this 514 day of FEBRUARY

Martin T. Books proved to me on the basis of satisfactory evidence to be the person who appeared before me.

Signature The Porce John

Motary Public - Seat Sat tholomew County My Commission Expires Sep 10, 2022

TOBY REECE JOHNSON

# ASSIGNMENT

Attorney Docker No.: CI-15-0213-01-US

Page 3 of 3

First Named Inventor: Praveen C. Muralidhar

ENGINE START/STOP CONTROL SYSTEM AND

**METHOD** 

State of Indiana

County of BARTHOLOMEL)

Subscribed and sworm to (or affirmed) before me on this HHC day of FEBLUALY 2015, by Jennifer K. Light-Holets, proved to me traphe basis of satisfactory evidence to be the person who appeared before

Signature

(Seal)

**TOBY REECE JOHNSON** Notary Public - Seal State of Indiana Bartholomew County

My Commission Expires Sep 10, 2022

US.96010137.01

**PATENT** REEL: 049929 FRAME: 0920