504783828 02/20/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANTHONY A. SHAULL	02/01/2018

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:	15567656

CORRESPONDENCE DATA

Fax Number: (317)237-1000

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.

Phone: 317-237-0300

Email:Cummins.IP@FaegreBD.comCorrespondent Name:MARK B. LEE / MICKIE POTTERAddress Line 1:300 NORTH MERIDIAN STREET

Address Line 2: SUITE 2400

Address Line 4: INDIANAPOLIS, INDIANA 46204

ATTORNEY DOCKET NUMBER:	CI-14-0260-02-US	
NAME OF SUBMITTER:	PATRICE MICHELE POTTER	
SIGNATURE:	/patrice michele potter/	
DATE SIGNED:	02/20/2018	

Total Attachments: 1

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PATENT 504783828 REEL: 044972 FRAME: 0928

ASSIGNMENT

Attorney Docket No.: CI-14-0260-02-US

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First Named Inventor: Anthony A. Shaull

PINLESS TAPPET IN A COMMON RAIL HIGH

PRESSURE FUEL PUMP

WHEREAS, I, Anthony A. Shaull, residing 3480 Elizabeth Street, Columbus, Indiana 47203, have invented certain new and useful improvements in an invention titled PINLESS TAPPET IN A COMMON RAIL HIGH PRESSURE FUEL PUMP as described in United States Patent Application No. 15/567,656, filed on October 19, 2017 (the "Application"), and

WHEREAS, Cummins Inc., a corporation of the State of Indiana, and having an address of 500 Jackson Street, Columbus, Indiana 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 hereby assign, convey, and transfer to Assignee our entire worldwide right, title, and interest in and to the invention, the Application, domestic and foreign patent applications claiming priority to the Application (including non-provisionals, provisionals, divisionals, continuations, and continuations-in-part), all Letters Patent and registrations 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 aforementioned the Letters Patent, registrations, and/or rights and benefits in any form, to Assignee.

I authorize Assignee, its successors and assigns, or anyone Assignee may properly designate, to (1) insert in this instrument the filing date and application number of the Application when ascertained, if applicable, (2) apply for Letters Patent, registrations, and all rights and benefits in any form in its own name in any and all countries, and (3) record this assignment agreement in any governmental office of any country having granted said Letters Patents, registrations, and/or rights and benefits, and (4) assign this agreement without further consideration.

I represent to Assignee that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree that I, or my executors or administrators, will at any time upon request, without additional consideration but at the expense of Assignee, execute such additional writings and do such additional acts as Assignee 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.

State of Indiana

County of DARTHOLEMEN

Subscribed and sworn to (or affirmed) before me on this 1^{sx}

day of Ochman

Anthony A. Shaull, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

Signature \

Seat

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

PATENT

REEL: 044972 FRAME: 0929