

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3829371

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANANT PURI	02/05/2016
STEVEN M. BELLINGER	03/15/2016
VIVEK ANAND SUJAN	02/15/2016
KENNETH FOLLEN	02/05/2016
RECEIVING PARTY DATA	
Name:	CUMMINS INC.
Street Address:	500 JACKSON STREET
City:	COLUMBUS
State/Country:	INDIANA
Postal Code:	47202
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14976846
CORRESPONDENCE DATA	
Fax Number:	(317)713-3699
<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:	317-713-3500
Email:	taft-ip-docket@taftlaw.com
Correspondent Name:	CUMMINS INC. TAFT, STETTINIUS & HOLLISTE
Address Line 1:	ONE INDIANA SQUARE
Address Line 2:	SUITE 3500
Address Line 4:	INDIANAPOLIS, INDIANA 46204-2023
ATTORNEY DOCKET NUMBER:	CECO-1324
NAME OF SUBMITTER:	LISA SCHODROWSKI
SIGNATURE:	/Lisa Schodrowski/
DATE SIGNED:	04/14/2016
Total Attachments: 6	
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PATENT

REEL: 038276 FRAME: 0153

ASSIGNMENT

WHEREAS, Anant Puri, Steven M. Bellinger, Vivek Anand Sujan and Kenneth Follen, hereinafter referred to as Assignors, have made one or more new and useful inventions in VEHICLE CONTROLS FOR DETERMINING OPTIMAL GEAR SHIFTING OPPORTUNITIES USING DYNAMICALLY DETERMINED VEHICLE PARAMETERS for which one or more United States patent applications, international patent applications, and/or foreign patent applications have been or will be filed; 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 47292 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 such applications, and in, to and under the applications, and in, to and under any and patents, 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 consideration 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 U.S. Application No. 14/976,846, filed December 21, 2015 and entitled VEHICLE CONTROLS FOR DETERMINING OPTIMAL GEAR SHIFTING OPPORTUNITIES USING DYNAMICALLY DETERMINED VEHICLE PARAMETERS (hereinafter the "Application"), and any and all other applications thereon or arising therefrom, whether now filed or in the future filed, including any and all applications

claiming the benefit of the Application, divisions, continuations, continuations-in-part, and foreign counterparts thereof, and any and all patents to be issued and obtained therefor or thereon, United States and foreign, including all reissues and extensions thereof.

With respect to future applications not filed at the time of execution of this Assignment that claim priority to or claim the benefit of the Application, Assignors hereby confirm their assignment of the same to Assignee and authorize Assignee, its counsel, or its agents to fill-in some or all of the following information on one or more copies of this document at the discretion of the Assignee, its counsel, or its agents:

- (a) Patent Office Number of the Application: _____
- (b) Filing Date of the Application: _____

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.

[Signature Page(s) Follow]

EXECUTED this 5th day of Feb, 2016.

Anant Puri
ANANT PURI

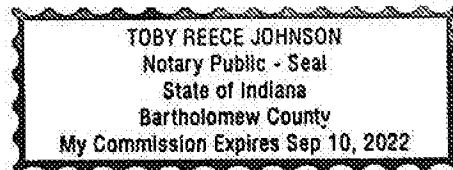
STATE OF INDIANA)
) : SS
COUNTY OF BARTHOLOMEW)

Before me, a Notary Public, in and for said County and State, personally appeared Anant Puri 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 5th day of FEBRUARY, 2016.

Toby Reece Johnson
Notary Public

Printed: TOBY REECE JOHNSON



Resident of BARTHOLOMEW County

My Commission Expires:

SEP 10, 2022

EXECUTED this 15th day of March, 2016.

Steven M. Bellinger
STEVEN M. BELLINGER

STATE OF Indiana)
COUNTY OF Bartholomew) SS

Before me, a Notary Public, in and for said County and State, personally appeared Steven M. Bellinger 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 15th day of March, 2016.

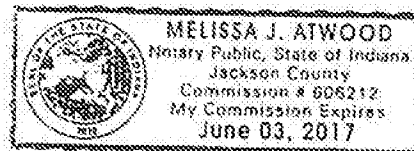
Melissa J. Atwood
Notary Public

Printed: Melissa J Atwood

Resident of Jackson County

My Commission Expires:

June 03, 2017



EXECUTED this 15 day of February, 2016.

Vivek Anand Sujan
VIVEK ANAND SUJAN

STATE OF INDIANA)
): SS
COUNTY OF BARTHOLOMEW)

Before me, a Notary Public, in and for said County and State, personally appeared Vivek Anand Sujan 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 15th day of FEBRUARY, 2016.

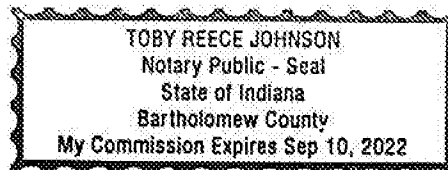
Toby Reece Johnson
Notary Public

Printed: TOBY REECE JOHNSON

Resident of BARTHOLOMEW County

My Commission Expires:

10-SEP-2022



EXECUTED this 5 day of February, 2016.

Kenneth Follen
KENNETH FOLLEN

STATE OF INDIANA)
) : SS
COUNTY OF BARTHOLOMEW)

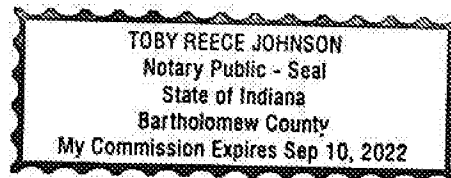
Before me, a Notary Public, in and for said County and State, personally appeared Kenneth Follen who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 5th day of FEBRUARY, 2016.

Toby Reece Johnson
Notary Public

Printed: TOBY REECE JOHNSON

Resident of BARTHOLOMEW County



My Commission Expires:

SEP. 10, 2022