

09-29-2004

FORM PTO-1595  
(Modified)

102847160

COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
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Y

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Jeffery Scott HawkinsAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: September 13, 2004

2. Name and address of receiving party(ies):

Name: Detroit Diesel Corporation

Internal Address: \_\_\_\_\_

Street Address: 13400 Outer Drive, WestCity: Detroit State: MI Zip: 48239-4001Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: September 13, 2004

A. Patent Application No.(s)

09/22/2004 FFANREIA 00000036 10945078

02 FC:8021

40.00 OP

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Thomas W. SaurAddress: Brooks Kushman P.C.1000 Town Center, Twenty-Second FloorCity: Southfield State: MI ZIP: 48075-12386. Total number of applications and patents involved: one7. Total Fee (37 C.F.R. § 1.21(h)) ..... \$ 40.00☒ Enclosed☐ Authorized to be charged to Deposit Account8. Deposit Account Number: 02-3978 (deficiencies only)

(Attach duplicate copy of this page if paying by Deposit Account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Thomas W. Saur

Name of Person Signing

Signature

September 20, 2004

Date

Total number of pages including cover sheet, attachments, and document: 2Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450PATENT  
REEL: 015817 FRAME: 0434

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, I, JEFFERY SCOTT HAWKINS of 31805 Bond Blvd., Farmington Hills, MI 48334 do hereby assign, sell and set over to DETROIT DIESEL CORPORATION, a corporation organized and existing under the laws of the State of Delaware, and having a place of business at 13400 Outer Drive, West, Detroit, Michigan 48239-4001, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

**SYSTEM AND METHOD FOR CONTROLLING ENGINE  
IDLE SPEED BASED ON OPERATIONAL STATE SETTINGS**

set forth in the application for United States Letters Patent executed by me on the 13<sup>th</sup> day of September, 2004; or

for which an application for a United States Patent was filed on \_\_\_\_\_, Application No. \_\_\_\_\_ (I hereby authorize my attorney to insert the application filing date and number when they become known),

including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.

Date: 9/13, 2004

Jeffery Scott Hawkins  
JEFFERY SCOTT HAWKINS

STATE OF Michigan )  
 ) ss.  
COUNTY OF Wayne )

On this 13<sup>th</sup> day of September, 200<sup>4</sup>, personally appeared before me Jeffery Scott Hawkins, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

Margaret Johnson  
Notary Public  
My Commission expires: \_\_\_\_\_

**MARGARET JOHNSON**  
Notary Public, Oakland County, MI  
Acting in Wayne Co., MI  
My Commission Expires 09/21/2006

(SEAL)

RECORDED: 09/20/2004

**PATENT**  
REEL: 015817 FRAME: 0435