

12-20-2000

FORM PTO-1595  
(Modified)

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U.S. DEPARTMENT OF COMMERCE  
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PATENTS ONLY

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):

Curtis P. Ritter  
Jeffery S. Hawkins  
Ian D. McKenzie

*MLO*  
*12.5.00*

Additional name(s) of conveying party(ies) attached?  Yes  No

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

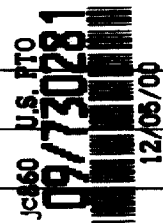
Name: Detroit Diesel Corporation

Internal Address: Same As Street Address

Street Address: 13400 Outer Drive, West

City: Detroit State: MI Zip: 48239-4001

Additional name(s) & address(es) attached?  Yes  No



3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: 11/22/00; 11/22/00; and 11/22/00

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: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

*09/730281*

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

Name: Mark E. Stuenkel

Address: Brooks & Kushman P.C.

1000 Town Center, Twenty-Second Floor

City: Southfield State: MI ZIP: 48075

6. Total number of applications and patents involved: 1

7. Total Fee (37 C.F.R. § 3.41) ..... \$ 40.00

Enclosed

Authorized to be charged to Deposit Account

8. Deposit Account Number: 02-3978 - For 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.

Mark E. Stuenkel  
Name of Person Signing

Signature

December 5, 2000  
Date

Mail documents to be recorded with required cover sheet information to:  
Box Assignments, Director of the United States Patent and Trademark Office  
Washington, D.C. 20231

PATENT  
REEL: 011341 FRAME: 0030

## ASSIGNMENT OF APPLICATION

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, we Curtis P. Ritter of 22341 Morley, Dearborn, Michigan 48124; Jeffery S. Hawkins of 31805 Bond Blvd., Farmington Hills, Michigan 48334; and Ian D. McKenzie of 7005 Foxcreek Drive, Canton, Michigan 48187-3581; respectively, 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

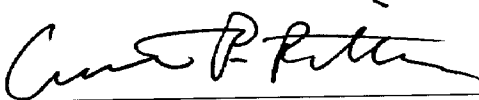
METHOD AND SYSTEM FOR ENHANCED ENGINE CONTROL BASED ON EXHAUST TEMPERATURE

set forth in the application for United States Letters Patent executed by us on the 22<sup>nd</sup> day of November, 2000, on the 22<sup>nd</sup> day of November, 2000, and on the 22<sup>nd</sup> day of November, 2000, respectively, 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 our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority 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.

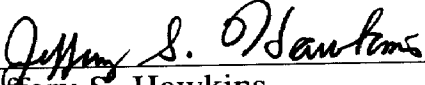
And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other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

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

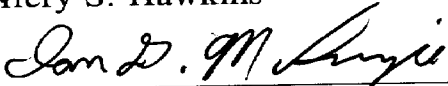
Date: 11/22, 2000

  
Curtis P. Ritter

Date: 11/22, 2000

  
Jeffery S. Hawkins

Date: November 22, 2000

  
Ian D. McKenzie

STATE OF Michigan )  
 ) ss.  
COUNTY OF Wayne )

On this 22<sup>nd</sup> day of November, 2000, personally appeared before me Curtis P. Ritter 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.

Bill C. Panagos  
Notary Public  
My Commission expires: 12/07/00

(SEAL)

**BILL C. PANAGOS**  
Notary Public, Wayne County, Michigan  
My Commission Expires December 7, 2000

STATE OF Michigan )  
 ) ss.  
COUNTY OF Wayne )

On this 22<sup>nd</sup> day of November, 2000, personally appeared before me Jeffery S. 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.

Bill C. Panagos  
Notary Public  
My Commission expires: 12/07/00

(SEAL)

**BILL C. PANAGOS**  
Notary Public, Wayne County, Michigan  
My Commission Expires December 7, 2000

STATE OF Michigan )  
 ) ss.  
COUNTY OF Wayne )

On this 22<sup>nd</sup> day of November, 2000, personally appeared before me Ian D. McKenzie, 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.

Bill C. Panagos  
Notary Public  
My Commission expires: 12/07/00

(SEAL)

**BILL C. PANAGOS**  
Notary Public, Wayne County, Michigan  
My Commission Expires December 7, 2000