

10-10-2003

FORM PTO-1595
(Modified)

RECORDATION F

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9-29-03

PATEN



102572679

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):
John E. Longnecker, Richard M. Avery, Jr., Leopold Super

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

Name: Detroit Diesel Corporation

Internal Address: (Same as below)

Street Address: 13400 Outer Drive West

City: Detroit State: MI Zip: 48239-4001

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

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 9-10-03; 9-10-03; 9-24-03

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: 9-10-03; 9-10-03; 9-24-03

A. Patent Application No.(s)
10/03/2003 MARZIT 00000002 10874007

B. Patent No.(s)

03 FC:8021

40.00 DP

Additional numbers attached? Yes No

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

Name: Kevin J. Heint

Address: Brooks Kushman P.C.

1000 Town Center, Twenty-Second Floor

City: Southfield State: MI ZIP: 48075-1238

6. Total number of applications and patents involved: 1

7. Total Fee (37 C.F.R. § 1.21(h))\$ 40.00

Enclosed

Authorized to be charged to Deposit Account

8. Deposit Account Number: _____

(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.

Kevin J. Heint

Name of Person Signing

Signature

September 29, 2003

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail 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 22313-1450

PATENT
REEL: 014568 FRAME: 0813

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we John E. Longnecker, Richard M. Avery, Jr., and Leopold Super, of 14375 Hubbard, Livonia, MI 48154; 1750 Cardinal Ridge, West Bloomfield, MI 48234; and 1440 Walnut, Dearborn, MI 48124, 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 FOR RESPONDING TO SENSOR FAILURES ON EGR/VGT ENGINES

set forth in the application for United States Letters Patent executed by us on the 10th day of September, 2003, on the 10th day of September, 2003, and on the 24th day of September, 2003, respectively; or

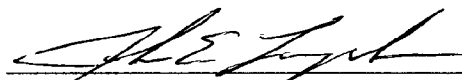
for which an application for a United States Patent was filed on _____, Application No. _____ (we hereby authorize our attorney to insert the application filing date and number when they become known),

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 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, 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 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: 9-10, 2003




John E. Longnecker

Date: 9-10, 2003



Richard M. Avery, Jr.

Date: 9-24, 2003



Leopold Super

STATE OF Michigan)
) ss.
COUNTY OF Wayne)

On this 10th day of September, 2003, personally appeared before me John E. Longnecker, to me known to be the persons named in and who executed the above instrument, and acknowledged that they 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)

STATE OF Michigan)
) ss.
COUNTY OF Wayne)

On this 10th day of September, 2003, personally appeared before me Richard M. Avery, Jr., 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)

STATE OF Michigan)
) ss.
COUNTY OF Wayne)

On this 24th day of September, 2003, personally appeared before me Leopold Super, 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)