

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Frank S. Groer</td> <td>01/28/2008</td> </tr> <tr> <td>Tomislav I. Golub</td> <td>11/12/2007</td> </tr> </tbody> </table>		Name	Execution Date	Frank S. Groer	01/28/2008	Tomislav I. Golub	11/12/2007
Name	Execution Date						
Frank S. Groer	01/28/2008						
Tomislav I. Golub	11/12/2007						
RECEIVING PARTY DATA							
Name:	Detroit Diesel Corporation						
Street Address:	13400 Outer Drive West						
City:	Detroit						
State/Country:	MICHIGAN						
Postal Code:	48239						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11940026</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11940026		
Property Type	Number						
Application Number:	11940026						
CORRESPONDENCE DATA							
Fax Number:	(248)594-0610						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	248-594-0600						
Email:	jas@raderfishman.com						
Correspondent Name:	RADER, FISHMAN & GRAUER PLLC						
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Address Line 2:	SUITE 140						
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ATTORNEY DOCKET NUMBER:	66578-0069						
NAME OF SUBMITTER:	Bill C. Panagos						

CH \$40.00 11940026

Total Attachments: 6
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**PATENT
 REEL: 020429 FRAME: 0593**

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 12th day of November, 2007, by Frank S. Groer and Tomislav I. Golub (hereinafter referred to as Assignors), residing at Solferinoweg 20B, App. 170, Stuttgart 70565, Germany; and 1966 Croft Road, Birmingham, Michigan 48009, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in FAULT CODE MEMORY ADMINISTRATOR WITH A DRIVING CYCLE STATE MACHINE CONCEPT, set forth in a Patent application for Letters Patent of the United States, already filed on November 14, 2007 as U.S. Application No. 11/940,026; and

WHEREAS, Detroit Diesel Corporation, a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 13400 Outer Drive West, Detroit, Michigan 48239-4001 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

RADER, FISHMAN & GRAUER PLLC

All practitioners at Customer Number 10291

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

x Tomislav I. Golub
Tomislav I. Golub

Date: < 11/21/07

United States of America)
State of Michigan) ss.:
County of Wayne)

On this 12th day of November, 2007, before me personally came Tomislav I. Golub, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret Johnson
Notary Public

MARGARET JOHNSON Notary Public, State of Michigan County of Oakland My Commission Expires Sep. 21, 2012 Acting in the County of <u>Wayne</u>
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Frank S. Groer
Frank S. Groer

Date: 2 01/28/08

United States of America)
State of MICHIGAN) ss.:
County of Wayne)

On this 28th day of JANUARY, 2008, before me personally came Frank S. Groer, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret Johnson
Notary Public

MARGARET JOHNSON
Notary Public, State of Michigan
County of Oakland
My Commission Expires Sep. 21, 2012
Acting in the County of Wayne