

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
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MR **RECORDATION FORM COVER SHEET** **S-134,162**
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
DETROIT DIESEL CORPORATION
13400 W. OUTER DRIVE
DETROIT, MI 48239
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: United States Department of Energy
Internal Address: _____

3. Nature of conveyance/Execution Date(s):
Execution Date(s) 09/02/2014
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

Street Address: 1000 Independence Ave., S.W.
City: Washington
State: D.C.
Country: USA Zip: 20585
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4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
11/372,927

B. Patent No.(s)
7,320,219
Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: James B. Potts
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Phone Number: 630-252-2166
Fax Number: 630-252-2779
Email Address: Confirmatory.License@ch.doe.gov

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers _____
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9. Signature: _____ 8/3/15
Signature Date
James B. Potts #58,316
Name of Person Signing Total number of pages including cover sheet, attachments, and documents: **2**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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Office of Science**

science.energy.gov/lsc/services/legal/

CONFIRMATORY LICENSE

Title of Invention: METHOD FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE
USING MODEL BASED VGT/EGR CONTROL

Inventor(s): Min Sun

Patent Application Serial No: 11/372,927

Patent Number: 7,320,219

Name of Contractor (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable):

Name of Contractor: Detroit Diesel Corporation

DOE Contract No. (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable):

DE-FC26-00OR22805

DOE Case No.: S-134,162

Filing Date 3/10/2006

Issue Date: 01/22/2008

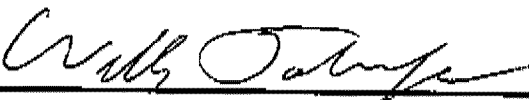
Contractor Docket No.: N/A

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.



Signed on: 7-2-14

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