Form PTO-1595 (Rev. 07/05) U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 6/30/2008) United States Patent and Trademark Office RECORDATION FORM COVER SHEET S-115,819 PSL **PATENTS ONLY** To the Director of the U.S. Petent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(les) Name: United States Department of Energy General Motors Global Technology Operations Internal Address: Additional name(s) of conveying party(ies) attached? Yes 🗸 No 3. Nature of conveyance/Execution Date(s): Street Address: 1000 Independence Ave. S.W Execution Date(s) June 24, 2011 Assignment Merger City: Washington Security Agreement Change of Name Joint Research Agreement State: D.C. Government Interest Assignment Country: USA ___Zip: 20585 ✓ Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes Vo No Other 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) Serial No. 12/052,057 Additional numbers attached? Yes ✓ No 6. Total number of applications and patents 5. Name and address to whom correspondence concerning document should be mailed: Involved: 1 Name: Mark P. Dvorscak 7. Total fee (37 CFR 1.21(h) & 3.41) \$___ Internal Address: U. S. Dept. of Energy, IPLD Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed Street Address: 9800 S. Cass Ave_ ✓ None required (government interest not affecting title) 8, Payment Information City: Argonne a. Credit Card Last 4 Numbers ______ State: JL Zip:60439 Expiration Date _____ Phone Number: 630-252-2393 b. Deposit Account Number Fax Number: 630-252-2779 Authorized User Name ___ Email Address: 9. Signature: Stanature Total number of pages including cover Michael J. Dobbs #58.093

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Name of Person Signing

sheet, attachments, and documents:



Department of Energy

Office of Science - Chicago Office • Intellectual Property Law Division 9800 South Cass Avenue Argonne, Illinois 60439 (630) 252-2171 Voice • (630) 252-2779 Fax Chicago-ip@ch.doe.gov www.ch.doe.gov/offices/OCC/

CONFIRMATORY LICENSE

Title of Invention:

DIESEL PARTICULATE FILTER WITH ZONED RESISTIVE HEATER

Inventor(s):

Eugene V. Gonze; Michael J. Paratore Jr;

Patent Application Serial No:

12/052057

Filing Date 18 Jan 2008

Patent Number:

7901475

Issue Date: 08 Mar 2011

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

Name of Contractor: General Motors Global Technology Operations

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

DE-FC04-03AL67635

DOE Case No.: S-

Contractor Docket No.: P003061

The Contractor has reported the above-identified invention as a Subject Invention to DOE and has elected to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have practiced for or on behalf of the United States throughout the world; and of all other rights acquired by the Government by the patent rights clause in the above-identified contract.

It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified subject invention.

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

Signed on: 6/24/20//

Contractor Name

General Motors Global Technology Operations

Official's Name

Charles D. Gough Charles B. Land

Official's Title

Global Manager - Government Contracts

Business Address M/C 483-710-210, 895 Joslyn Avenue, Pontiac, Michigan 48340

PATENT REEL: 026566 FRAME: 0611

RECORDED: 07/07/2011