


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

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

MR	RECORDATION FORM COVER SHEET PATENTS ONLY	S-131,827
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) ROBERT BOSCH LLC 38000 HILLS TECH DRIVE FARMINGTON HILLS, MI 48331 Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>United States Department of Energy</u> Internal Address: _____ _____ Street Address: <u>1000 Independence Ave. S.W.</u> _____ City: <u>Washington</u> State: <u>D.C.</u> Country: <u>USA</u> Zip: <u>20585</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>05/20/2014</u> <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input checked="" type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>13/435,562</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>James B. Potts</u> Internal Address: <u>U. S. Dept. of Energy, IPLD</u> _____ Street Address: <u>9800 S. Cass Ave</u> _____ City: <u>Argonne</u> State: <u>IL</u> Zip: <u>60439</u> Phone Number: <u>630-252-2166</u> Fax Number: <u>630-252-2779</u> Email Address: <u>Confirmatory.License@ch.doe.gov</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____ <input type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number _____ Authorized User Name _____	
9. Signature: _____ <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  Signature </div> <div style="text-align: center;"> <u>7/23/14</u> Date </div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="text-align: center;"> <u>James B. Potts #58,316</u> Name of Person Signing </div> <div style="text-align: center;"> Total number of pages including cover sheet, attachments, and documents: 2 </div> </div>		

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 1460, Alexandria, V.A. 22313-1460



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: Concurrently Adjusting Interrelated Control Parameters to Achieve Optimal Engine Performance
Inventor(s): Li Jiang, Donghoon Lee, Hakan Yilmaz, Anna G. Stefanopoulou
Patent Application Serial No: 13/435,562 Filing Date March 30, 2012
Patent Number: Pending Issue Date: Pending
Name of Contractor (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable):
Name of Contractor: Robert Bosch LLC
DOE Contract No. (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable):
DE-FC26-0NT43274
DOE Case No.: S-131,287 Contractor Docket No.: R336,926

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: 5/20/2014

Contractor Name Robert Bosch LLC
Official's Name Hakan Yilmaz
Official's Title VP - Engineering
Business Address 38000 Hills Tech Drive
Farmington Hills, MI 48331

O. Mendi-Liaven
Director - Engineering