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S-131,613

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GENERAL MOTORS LLC

2. Name and address of receiving party(ies)

Name: United States Department of Energy

Internal Address: _____

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 05/13/2013☐ 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: WashingtonState: D.C.Country: USA Zip: 20585Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

13/751,791

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark P. DvorscakInternal Address: U. S. Dept. of Energy, IPLDStreet Address: 9800 S. Cass AveCity: ArgonneState: IL Zip: 60439Phone Number: 630-252-2393Fax Number: 630-252-2779Email Address: Confirmatory.License@ch.doe.gov6. 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: _____

Signature

Date

Michael J. Dobbs #58,093

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:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT



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CONFIRMATORY LICENSE

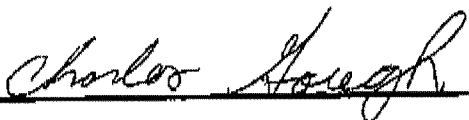
Title of Invention: Partially Integrated Exhaust Manifold
Inventor(s): Hayman, Alan w.; McAlphing, Robert; Keating, Edward J.
Patent Application Serial No: 13/751791 Filing Date Jan 28, 2013
Patent Number: Issue Date:
Name of Contractor (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable):
Name of Contractor: General Motors LLC
DOE Contract No. (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable):
DE-EE0005654
DOE Case No.: S-131,613 Contractor Docket No.: P023550

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

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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: May 13, 2013

Contractor Name General Motors LLC
Official's Name Charles Gough
Official's Title Manager-Government Contracts
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