2001/002

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 | | RM COVER SHEET | S-119,682 |
|---|--|---|--|
| 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(les) GENERAL MOTORS GLOBAL TECHNOLOGY OPERATIONS | | Name and address of receiving party(les) Name: United States Department of Energy Internal Address: | |
| 3. Nature of cor Execution Date(Assignment Security Agr Joint Resear Government Executive O Other | Merger eement Change of Name ch Agreement Interest Assignment rder 9424, Confirmatory License | Street Address: 100 City: Washington State: D.C. Country: USA Additional name(s) & ad | O Independence Ave. S.W Zlp:20585 dress(es) attached? ☐ Yes ✓ No |
| 4. Application of A. Patent Applic 12/632,067 | | B. Patent No.(s) | together with a new application. |
| 5. Name and address to whom correspondence concerning document should be mailed: | | 6. Total number of applications and patents involved: 1 | |
| Name: Mark P. Dvorscak | | | 1 21/h) 2 2 41) 5 |
| Internal Address: U. S. Dept. of Energy, IPLD | | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged by credit card Authorized to be charged to deposit account | |
| Street Address: 9800 S. Cass Ave | | ☐ Enclosed ✓ None required (government interest not affecting title) | |
| City: <u>Argonne</u> | | 8. Payment Informa | tion |
| | Zip:60439 | | st 4 Numbers |
| Phone Number: 630-252-2393 | | b. Deposit Account Number | |
| Fax Number: 630-252-2779 | | Authorized User Name | |
| Email Address: Confirmatory.License@ch.doe.gov | | | |
| 9. Signature: 7/3/100/3 Signature Date | | | |
| | Michael J. Dobbs #58,093 Name of Person Signing | | nber of pages including cover ttachments, and documents: |

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

REEL: 030995 FRAME: 0216



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:

LOW INDUCTANCE POWER ELECTRONICS ASSEMBLY

Nicholas Hayden Herron; Brooks S. Mann; Mark D. Korich; Cindy Chou, David

Inventor(s):

Tang: Douglas Carlson; Alan Barry

Patent Application Serial No:

12/632067

Filing Date 07 Dec 2009

Issue Date:

Patent Number:

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-FC26-07NI43123 DOE Case No.: S-119,682

Contractor Docket No.: P010203

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: 6/24/201/

Contractor Name

General Motors Global Technology Operations

Official's Name

Charles D. Gough Charles D. Jeeugh

Official's Title

Global Manager - Government Contracts

Business Address

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

PATENT REEL: 030995 FRAME: 0217

RECORDED: 08/01/2013