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## Department of Energy

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## CONFIRMATORY LICENSE

Title of Invention:

Activity Controlled Vibration Welding System and Method

Inventor(s):

Cai, Wayne; Kang, Bongsu; Tan, Chin-an

Patent Application Serial No:

13/409,494

Filing Date 3/1/2012

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-EE0002217

DOE Case No.: S-127,737

Contractor Docket No.: P018033

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.

Contractor Name

General Motors LLC

Official's Name

Richard W. Leach

Official's Title

Manager, Government Contracts

Business Address

RECORDED: 04/16/2013

30500 Mound Road, Mail Code 480-106-300, Warren, MI 48090

RECEIVED MAR 2 5 2013

Signed on: 3-20-13

**PATENT** 

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