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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)
11/882,248	
Additional numbers attached? Yes V No	
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PATENT REEL: 021687 FRAME: 0650

CONFIRMATORY LICENSE

Title of Invention: Electrical System Architecture Having High Voltage Bus

Inventor(s): Brian D. Hoff and Sivaprasad Akasam

Patent Application Serial No: 11/882,248

Filing Date: July 31, 2007

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

DOE Contract No. (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable): DE-FC36-01GO11095

DOE Case No.: S-107,168

Contractor Docket No.: 04-574

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.

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The Government is hereby granted an irrevocable power to inspect and make copies of the aboveidentified patent application.

Signed this 30 day of April, 2008

Caterpillar Inc.

Contractor Name

100 N.E. Adams Street, Peoria IL 61629-7310

Business Address

Rev. 5/22/2007

PATENT REEL: 021687*FRAME-0651 **

RECORDED: 10/15/2008