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 RECORDATION FORM COVER SHEET S-141,712  $\mathsf{MR}$ PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: United States Department of Energy GENERAL ELECTRIC GLOBAL RESEARCH Internal Address: Additional name(s) of conveying party(ies) attached? L\_\_Yes 🗹 No 3. Nature of conveyance/Execution Date(s): Street Address: 1000 Independence Ave., S.W Execution Date(s) 08/11/2015 Merger Assignment City: Washington Change of Name Security Agreement Joint Research Agreement State: D.C. Government Interest Assignment Country: USA Zip: 20585 Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Tes Ves Vo Other 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) 13/435,105 Additional numbers attached? Yes VNo 6. Total number of applications and patents 5. Name and address to whom correspondence involved: 1 concerning document should be mailed: Name: Michael J. Dobbs 7. Total fee (37 CFR 1.21(h) & 3.41) \$\_\_\_ Internal Address: U. S. Dept. of Energy, IPLD Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed Street Address: 9800 S. Cass Ave. ✓ None required (government interest not affecting title) 8. Payment Information City: Argonne a. Credit Card Last 4 Numbers \_\_\_\_\_ Zip:<u>60439</u> State: IL \_ \_ Expiration Date \_\_\_\_\_ Phone Number: 630-252-2164 b. Deposit Account Number \_\_\_ Fax Number: 630-252-2779 Authorized User Name Email Address: Confirmatory, License@ch.doe.gov 9. Signature: Total number of pages including cover Michael J. Dobbs #58,093 sheet, attachments, and documents: Name of Person Signing

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## CONFIRMATORY LICENSE

Title of Invention: SYSTEM AND METHOD FOR DC POWER TRANSMISSION

Inventor(s): Di Zhang, Luis Garces

Patent Application Serial No: 13/435105

Filing Date 30MAR2012

Patent Number:

9013904

Issue Date: 21APR2015

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

General Electric Global Reserach

DOE Contract No. (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable):

DE-AC26-07NT42677 - RPSEA Sub Contract 08121-2901-01

DOE Case No.: None

Contractor Docket No.: 255505-1

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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Signed this 11th day of Aug, 2015

General Electric Global Research

Contractor Name (T)ped)

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PATENT REEL: 037152 FRAME: 0580

**RECORDED: 11/20/2015**