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Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). Invention Title: Electrodes for multi-point ignition using single or multiple transient plasma (13-414-02) discharges Inventor(s): Martin A Gundersen, Andras Kuthi, Jason M Sanders, Daniel R Singleton U.S. Filing/Issue Date: 02/20/2014 Patent or Application Serial No.: 14/185, 729 Grant/Contract Number(s): N00014-09-C-0391 Foreign Applications filed/intended in (countries): The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of: 1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award. The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application. Signed this By Judy Genovese (Institutional Business Official) Title Senior Transactions Officer, USC Stevens Center for Innovation For UNIVERSITY OF SOUTHERN CALIFORNIA (Grantee/Contractor Organization) At 1150 South Olive Street Suite 2300 LOS ANGELES, (Business Address)

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