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Form PTO-1595 (Rev. 07/05) U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 6/30/2008) United States Patent and Tredemark Office RECORDATION FORM COVER SHEET MR S-130,204 PATENTS ONLY 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(ies) 2. Name and address of receiving party(ies) SIEMENS ENERGY, INC. Name: United States Department of Energy Internal Address: Additional name(s) of conveying party(ies) attached? Yes 🗸 No 3. Nature of conveyance/Execution Date(s): Street Address: 1000 Independence Ave., S.W. Execution Date(s) 09/12/2013 Assignment Merger City: Washington Security Agreement Change of Name State: D.C. Government Interest Assignment Country: USA Zip: 20585 Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? L. Yes 🗹 No 4. Application or patent number(s): floor This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 13/937,331 Additional numbers attached? Yes V No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: Involved: 1 Name: James B. Potts 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Internal Address U. S. Dept. of Energy, IPLD 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: <u>Argonne</u> a. Credit Card Last 4 Numbers _____ State: IL Zip:60439 Expiration Date Phone Number: 630-252-2166 b. Deposit Account Number Fax Number: <u>630-252-2779</u> Authorized User Name Email Address: Confirmatory.License@ch.doe.gov 9. Signature: Total number of pages including cover <u>James B. Potts #58,316</u> sheet, attachments, and documents: Name of Person Signing

CONFIRMATORY LICENSE

Title of Invention: SYSTEM AND METHOD FOR OPTICAL FIBER BASED IMAGE

ACQUISITION SUITABLE FOR USE IN TURBINE ENGINES

Inventor(s): Varun A V, Eran Baleine, Zubin Vaqrghese, and Paul J. Zombo

Patent Application Serial No: 13/937,331

Filing Date: July 9, 2013

Patent Number:

Issue Date:

Name of Contractor: Siemens Energy, Inc.

DOE Contract No.: DE-FC26-05NT42644

DOE Case No.: S-130204

Contractor Docket No.: 2011P26173US (formerly 2011E21824US)

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 this 12th day of September, 2013

Siemens Energy, Inc.

John P. Musone, Assistant Secretary

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PATENT REEL: 031744 FRAME: 0503

RECORDED: 11/15/2013